Basic equipment

From June 2015

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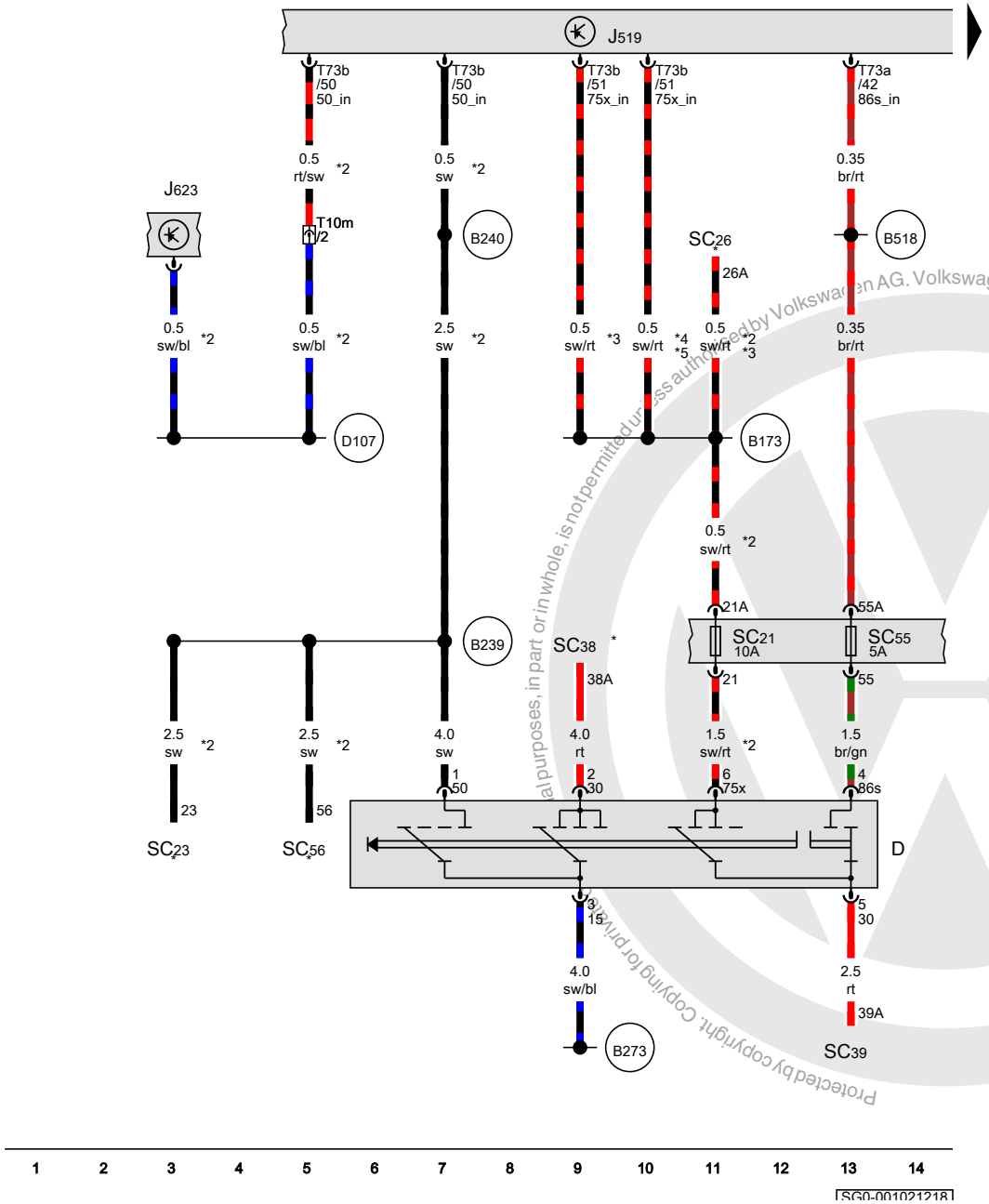
Ignition/starter switch, Onboard supply control unit, Fuse 21 on fuse holder C, Fuse 23 on fuse holder C, Fuse 26 on fuse holder C, Fuse 38 on fuse holder C, Fuse 39 on fuse holder C, Fuse 55 on fuse holder C, Fuse 56 on fuse holder C



D	Ignition/starter switch
J519	Onboard supply control unit
J623	Engine/motor control unit
SC21	Fuse 21 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC26	Fuse 26 on fuse holder C
SC38	Fuse 38 on fuse holder C
SC39	Fuse 39 on fuse holder C
SC55	Fuse 55 on fuse holder C
SC56	Fuse 56 on fuse holder C
T10m	10-pin connector, light pink, in E-box
T73a	73-pin connector, black
T73b	73-pin connector, white
B173	Positive connection 2 (X), in interior wiring harness
B239	Positive connection 1 (50), in interior wiring harness
B240	Positive connection 2 (50), in interior wiring harness
B273	Positive connection (15), in main wiring harness
B518	Connection (86s), in main wiring harness
D107	Connection 5 in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for engine
*3	Up to June 2016
*4	From June 2016
*5	For models with special police equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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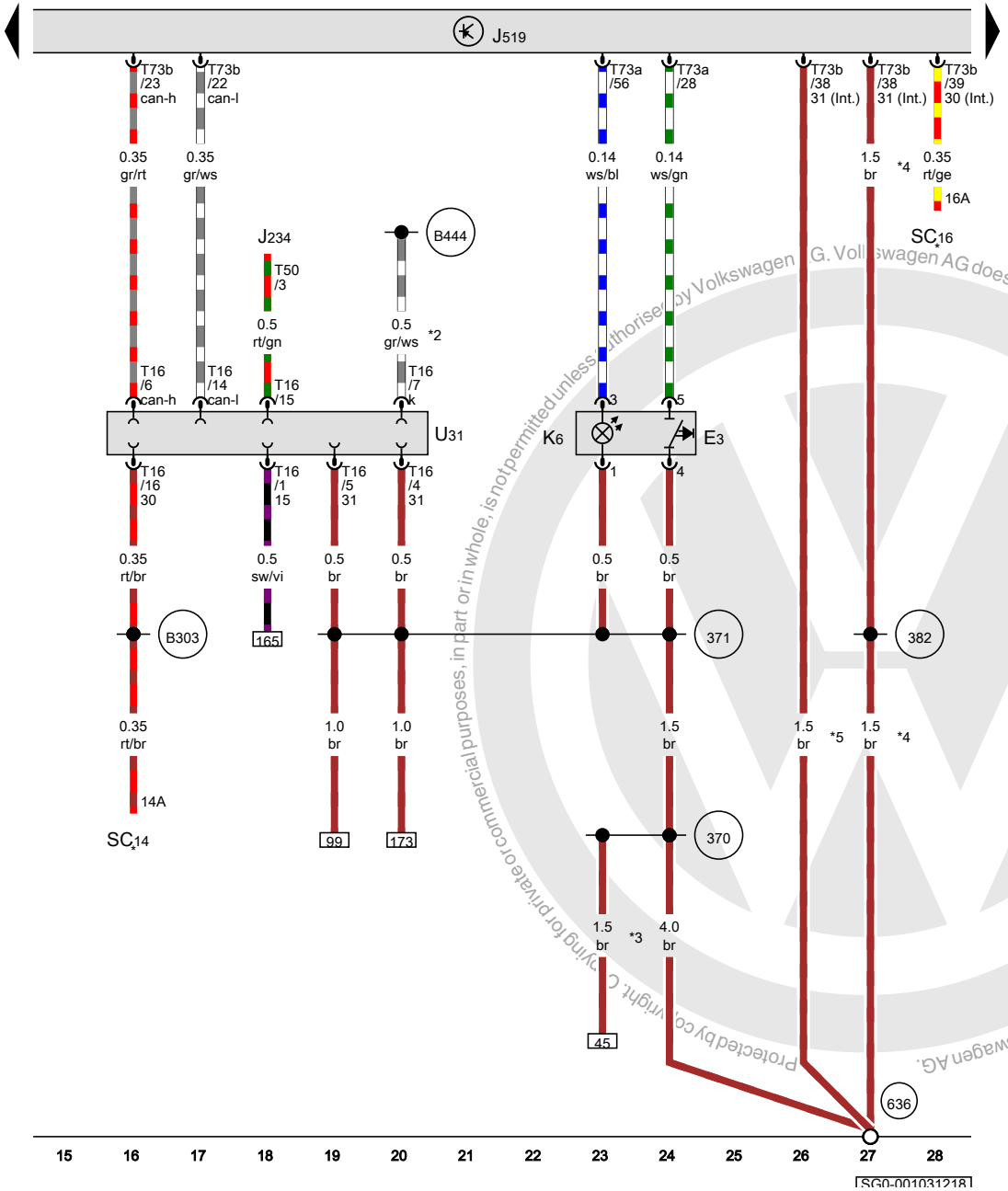
Hazard warning light switch, Onboard supply control unit, Indicator lamp for hazard warning light, Fuse 14 on fuse holder C, Fuse 16 on fuse holder C, Diagnostic connection



E3	Hazard warning light switch
J234	Airbag control unit
J519	Onboard supply control unit
K6	Indicator lamp for hazard warning light
SC14	Fuse 14 on fuse holder C
SC16	Fuse 16 on fuse holder C
T16	16-pin connector, black
T50	50-pin connector, yellow
T73a	73-pin connector, black
T73b	73-pin connector, white
U31	Diagnostic connection, on left in dash panel
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
382	Earth connection 17, in main wiring harness
636	Earth point, onboard supply control unit
B303	Positive connection 7 (30), in main wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment
*3	see applicable current flow diagram for 12 V sockets
*4	For models with start/stop system
*5	For models with no start/stop system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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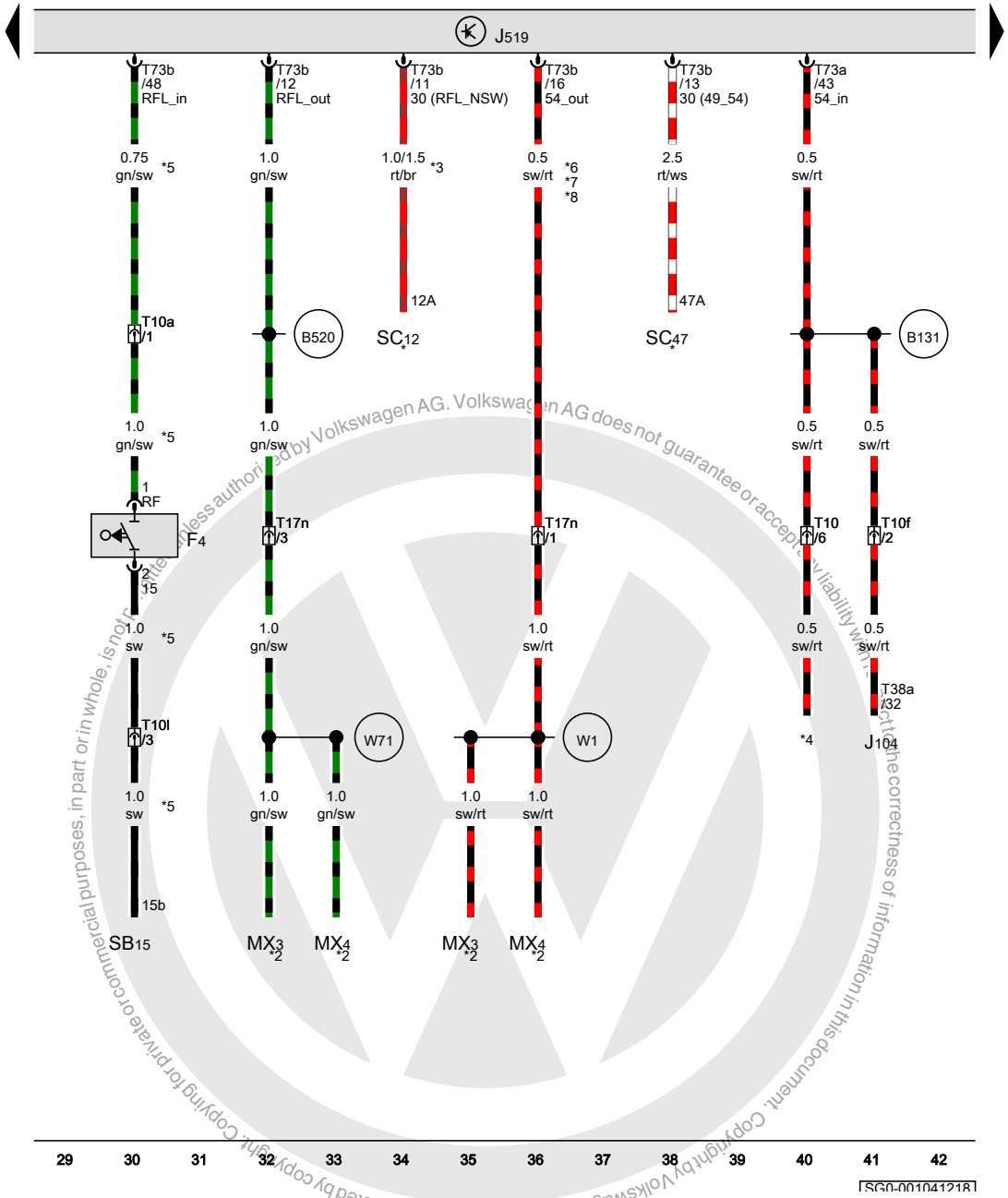
Reversing light switch, Onboard supply control unit, Fuse 12 on fuse holder C, Fuse 47 on fuse holder C



F4	Reversing light switch
J104	ABS control unit
J519	Onboard supply control unit
MX3	Left tail light cluster
MX4	Right tail light cluster
SC12	Fuse 12 on fuse holder C
SB15	Fuse 15 on fuse holder B
SC47	Fuse 47 on fuse holder C
T10	10-pin connector, black, in E-box
T10a	10-pin connector, brown, in E-box
T10f	10-pin connector, green, in E-box
T10l	10-pin connector, light green, in E-box
T17n	17-pin connector, light green, under seat on front left
T38a	38-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
B131	Connection (54), in interior wiring harness
B520	Connection (RL), in main wiring harness
W1	Positive connection 1 (54), in rear wiring harness
W71	Connection (reversing light), in rear wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for tail light clusters
*3	Cross section depends on equipment
*4	see applicable current flow diagram for engine
*5	For models with manual gearbox
*6	For models with no electric interface
*7	For models with no special police equipment
*8	For models with no accident data recorder

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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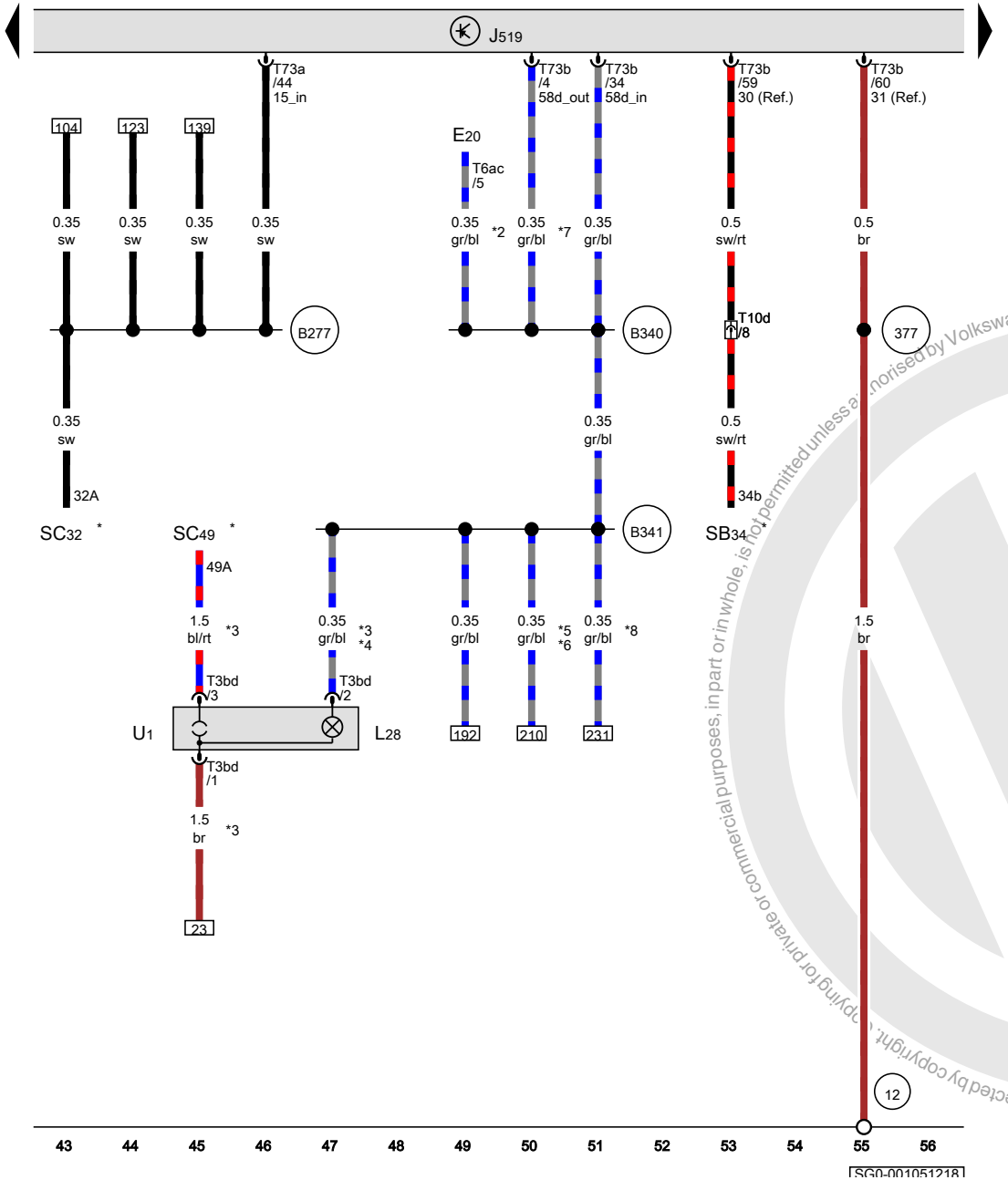
Switch and instrument illumination regulator, Onboard supply control unit, Cigarette lighter illumination bulb, Fuse 32 on fuse holder C, Fuse 34 on fuse holder B, Fuse 49 on fuse holder C, Cigarette lighter



E20	Switch and instrument illumination regulator
J519	Onboard supply control unit
L28	Cigarette lighter illumination bulb
SC32	Fuse 32 on fuse holder C
SB34	Fuse 34 on fuse holder B
SC49	Fuse 49 on fuse holder C
T3bd	3-pin connector, in centre of dash panel
T6ac	6-pin connector, black
T10d	10-pin connector, blue, in E-box
T73a	73-pin connector, black
T73b	73-pin connector, white
U1	Cigarette lighter
12	Earth point, on left in engine compartment
377	Earth connection 12, in main wiring harness
B277	Positive connection 1 (15a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with dimmable instrument illumination
*3	see applicable current flow diagram for 12 V sockets
*4	According to equipment
*5	For models with double cab/dropside
*6	For panel van and Kombi models with no separate passenger compartment ventilation, not for double cab
*7	For models with no dimmable instrument illumination
*8	For Camper, panel van and Kombi models with separate passenger compartment ventilation

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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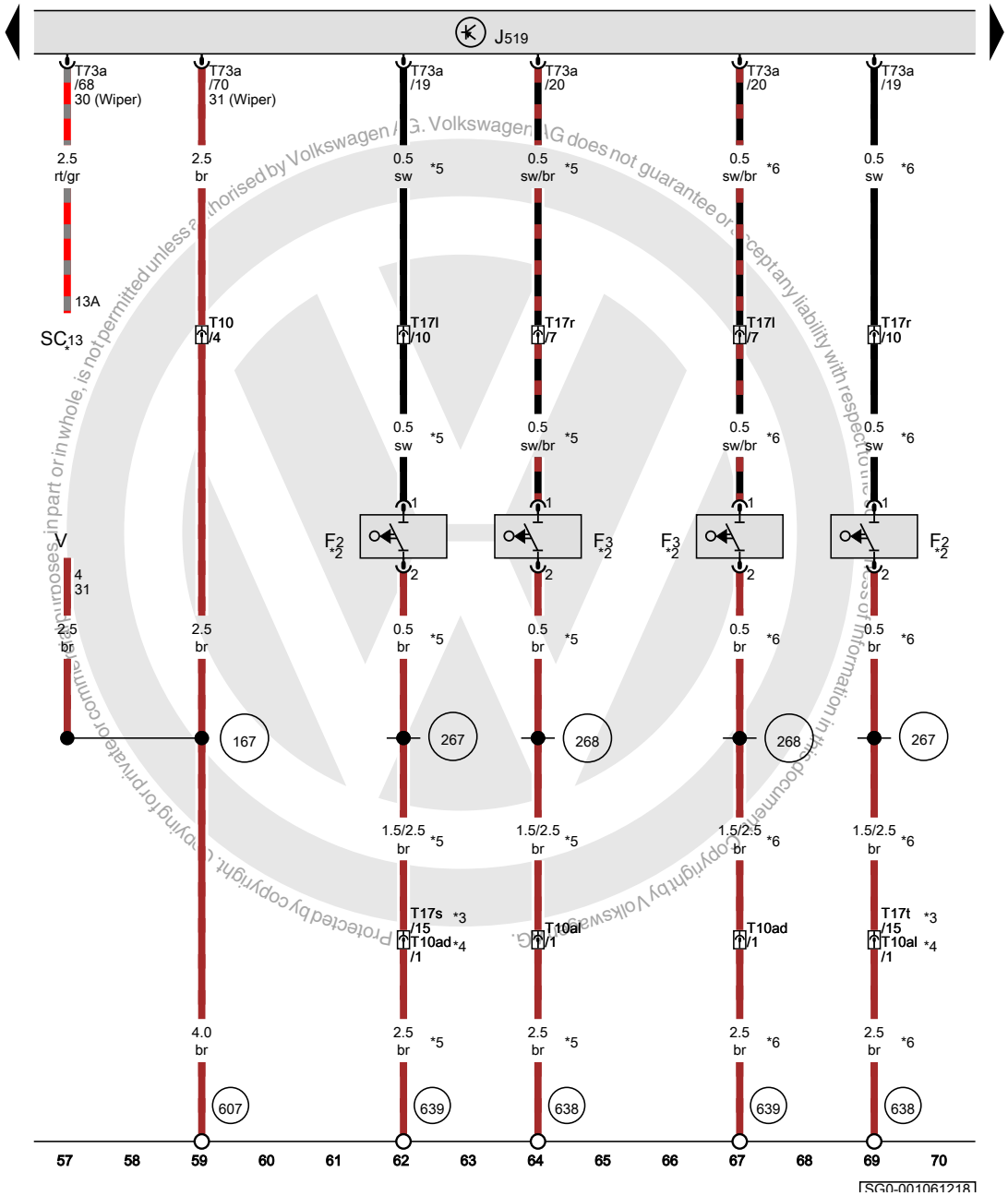

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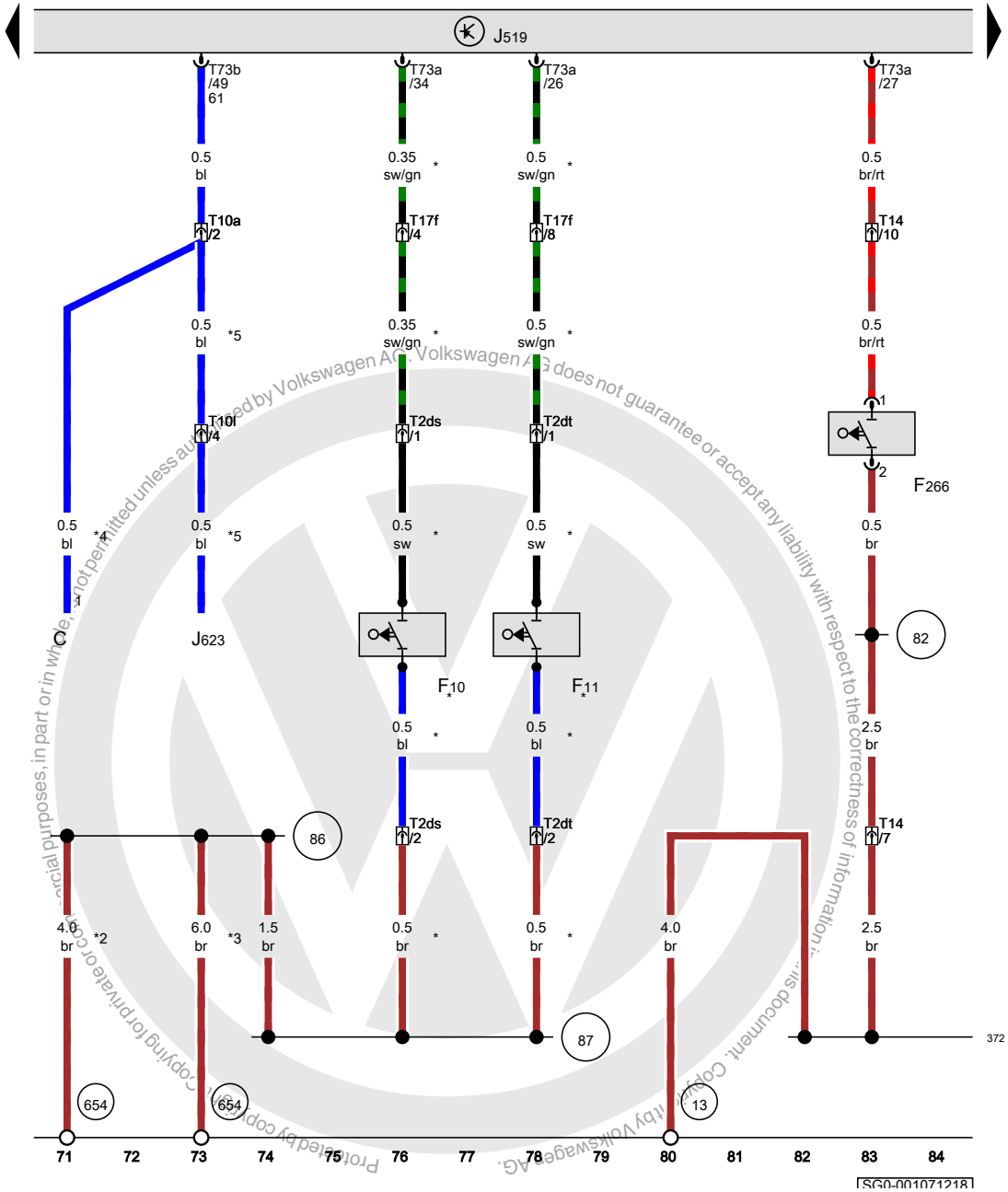
Driver door contact switch, Front passenger door contact switch, Onboard supply control unit, Fuse 13 on fuse holder C

F2	Driver door contact switch
F3	Front passenger door contact switch
J519	Onboard supply control unit
SC13	Fuse 13 on fuse holder C
T10	10-pin connector, black, in E-box
T10ad	10-pin connector, red, on left A-pillar
T10al	10-pin connector, red, on right A-pillar
T17l	17-pin connector, black, on left A-pillar
T17r	17-pin connector, black, on right A-pillar
T17s	17-pin connector, red, on left A-pillar
T17t	17-pin connector, red, on right A-pillar
T73a	73-pin connector, black
V	Windscreen wiper motor
167	Earth connection 4, in engine compartment wiring harness
267	Earth connection 2, in drive side door wiring harness
268	Earth connection 2, in front passenger side door wiring harness
607	Earth point, on left in plenum chamber
638	Earth point, on right A-pillar
639	Earth point, left A-pillar
*	see applicable current flow diagram for fuse assignment
*2	For models with no central locking
*3	From January 2016
*4	Up to January 2016
*5	For left-hand drive models
*6	For right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Alternator, Rear left door contact switch, Rear right door contact switch, Bonnet contact switch, Onboard supply control unit

C	Alternator
F10	Rear left door contact switch
F11	Rear right door contact switch
F266	Bonnet contact switch
J519	Onboard supply control unit
J623	Engine/motor control unit
T2ds	2-pin connector, black, on left C-pillar
T2dt	2-pin connector, black, on right C-pillar
T10a	10-pin connector, brown, in E-box
T10l	10-pin connector, light green, in E-box
T14	14-pin connector, black, near horn, dual tone horn
T17f	17-pin connector, brown, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
13	Earth point, on right in engine compartment
82	Earth connection 1, in front left wiring harness
86	Earth connection 1, in rear wiring harness
87	Earth connection 2, in rear wiring harness
372	Earth connection 7, in main wiring harness
654	Earth point, on right D-pillar
*	For models with manual sliding door and with no anti-theft alarm system
*2	For models with no electric sliding doors/power latching system
*3	For models with electric sliding door/power latching system
*4	For models with no start/stop system
*5	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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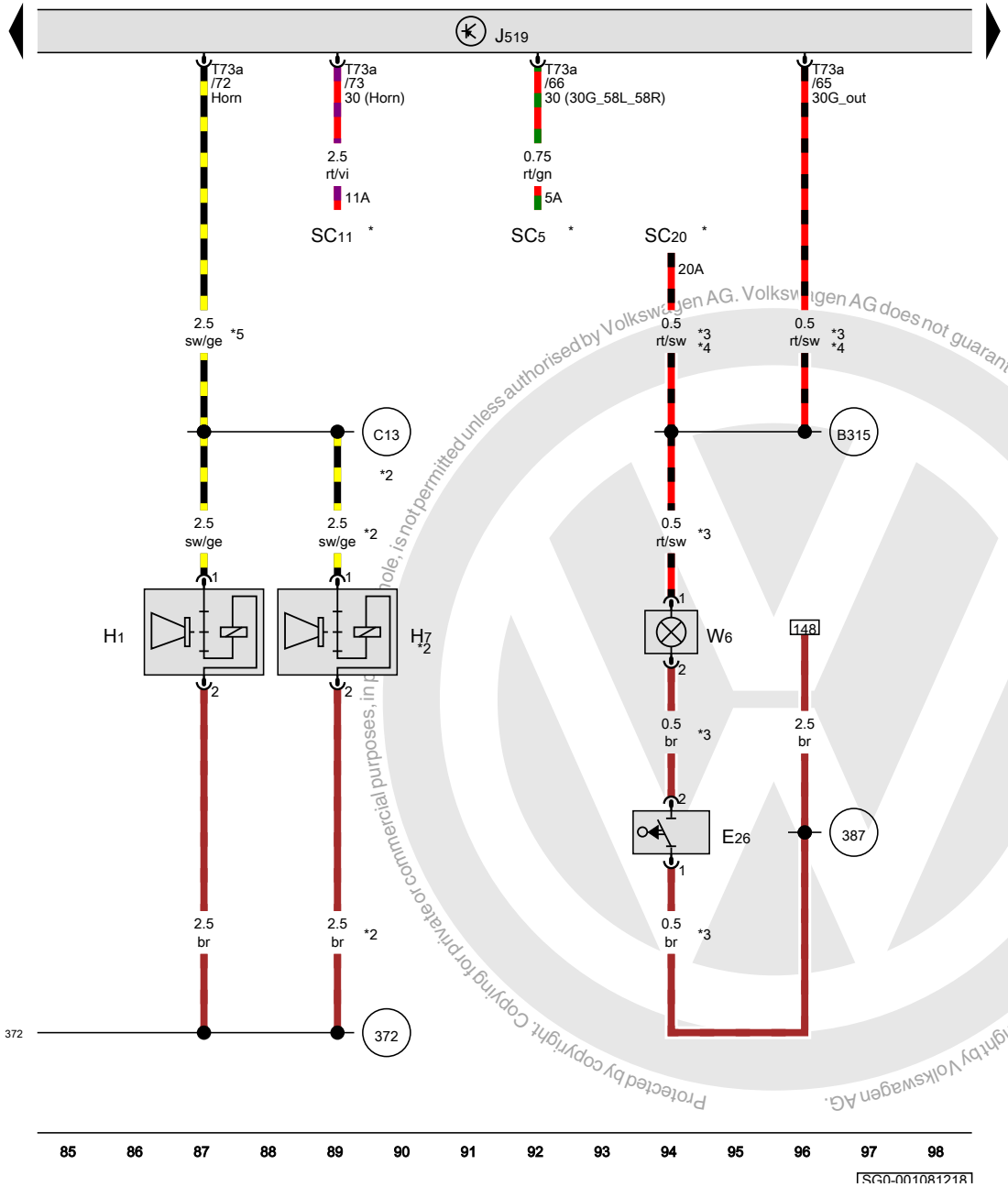

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rt	=	red
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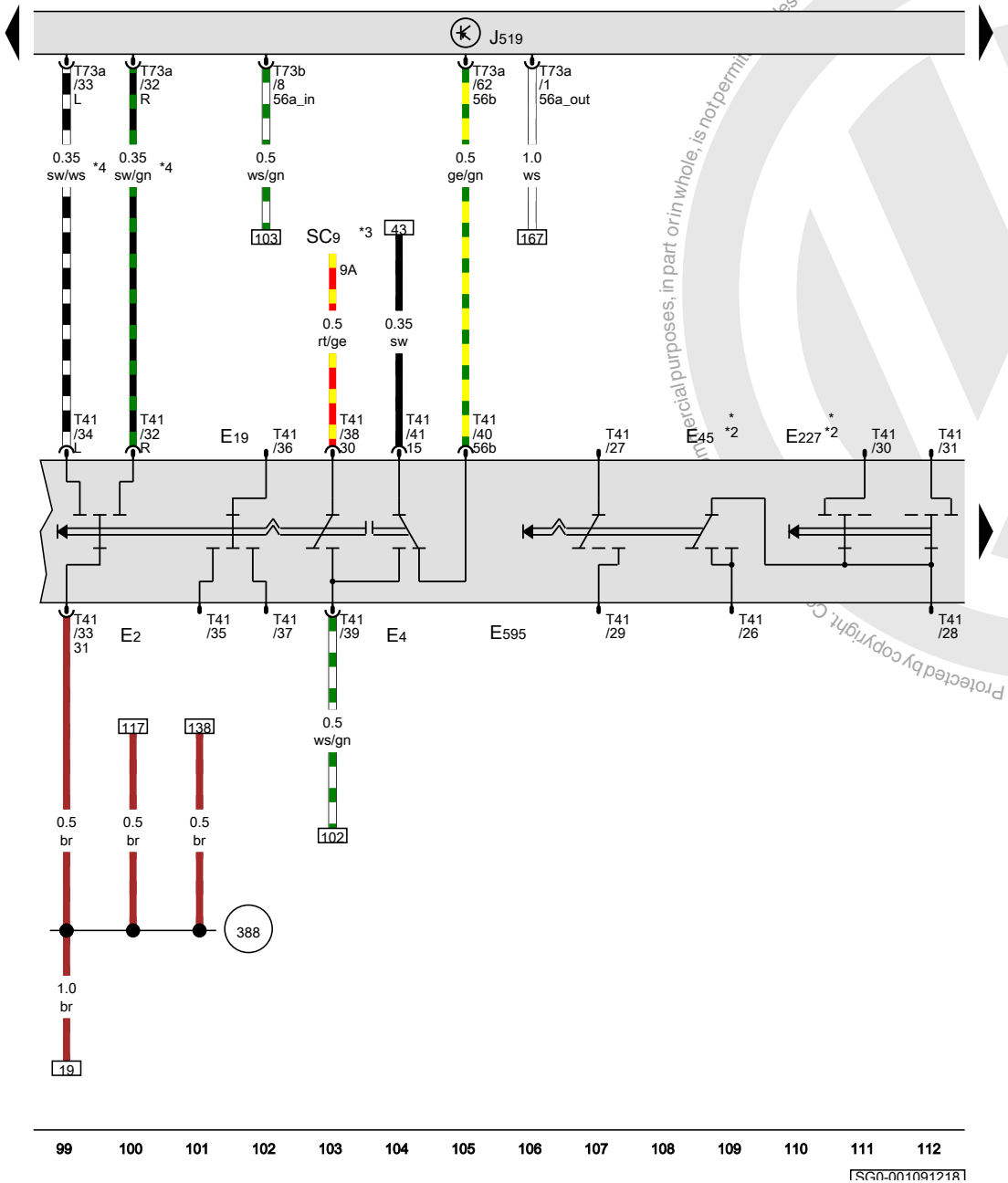
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Glove compartment light switch, Horn or dual tone horn, Onboard supply control unit, Fuse 5 on fuse holder C, Fuse 11 on fuse holder C, Glove compartment light

E26	Glove compartment light switch
H1	Horn or dual tone horn
H7	Bass horn
J519	Onboard supply control unit
SC5	Fuse 5 on fuse holder C
SC11	Fuse 11 on fuse holder C
SC20	Fuse 20 on fuse holder C
T73a	73-pin connector, black
W6	Glove compartment light
372	Earth connection 7, in main wiring harness
387	Earth connection 22, in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
C13	Positive connection in dual tone horn wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with dual tone horn
*3	According to equipment
*4	see applicable current flow diagram for interior lights
*5	For models with no special police equipment



Turn signal switch, Headlight dipper and flasher switch, Parking light switch, Cruise control system switch, Steering column combination switch, Onboard supply control unit

E2	Turn signal switch
E4	Headlight dipper and flasher switch
E19	Parking light switch
E45	Cruise control system switch
E227	Cruise control system (CCS) SET button
E595	Steering column combination switch
J519	Onboard supply control unit
SC9	Fuse 9 on fuse holder C
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
388	Earth connection 23, in main wiring harness
*	According to equipment
*2	see applicable current flow diagram for cruise control system
*3	see applicable current flow diagram for fuse assignment
*4	For models with no electric interface

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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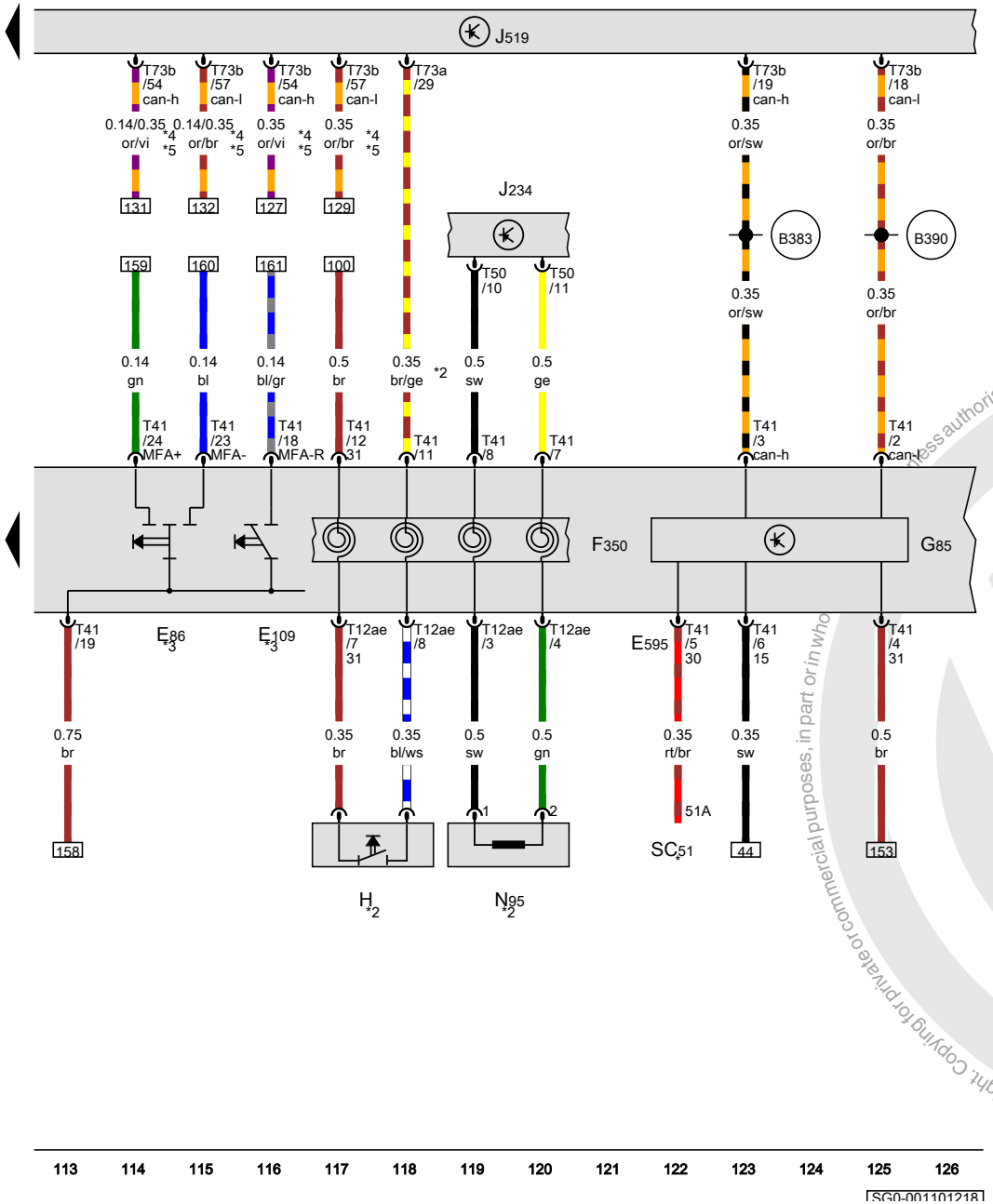

Multifunction display call-up button, Multifunction display memory switch, Steering column combination switch, Coil connector, Steering angle sender, Horn plate, Airbag control unit, Onboard supply control unit, Airbag igniter on driver side

E86	Multifunction display call-up button
E109	Multifunction display memory switch
E595	Steering column combination switch
F350	Coil connector
G85	Steering angle sender
H	Horn plate
J234	Airbag control unit
J519	Onboard supply control unit
N95	Airbag igniter on driver side
SC51	Fuse 51 on fuse holder C
T12ae	12-pin connector, yellow, in steering wheel
T41	41-pin connector, grey
T50	50-pin connector, yellow
T73a	73-pin connector, black
T73b	73-pin connector, white
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with no multifunction steering wheel
*3	For models with multifunction display
*4	According to equipment
*5	see applicable current flow diagram for CAN bus network

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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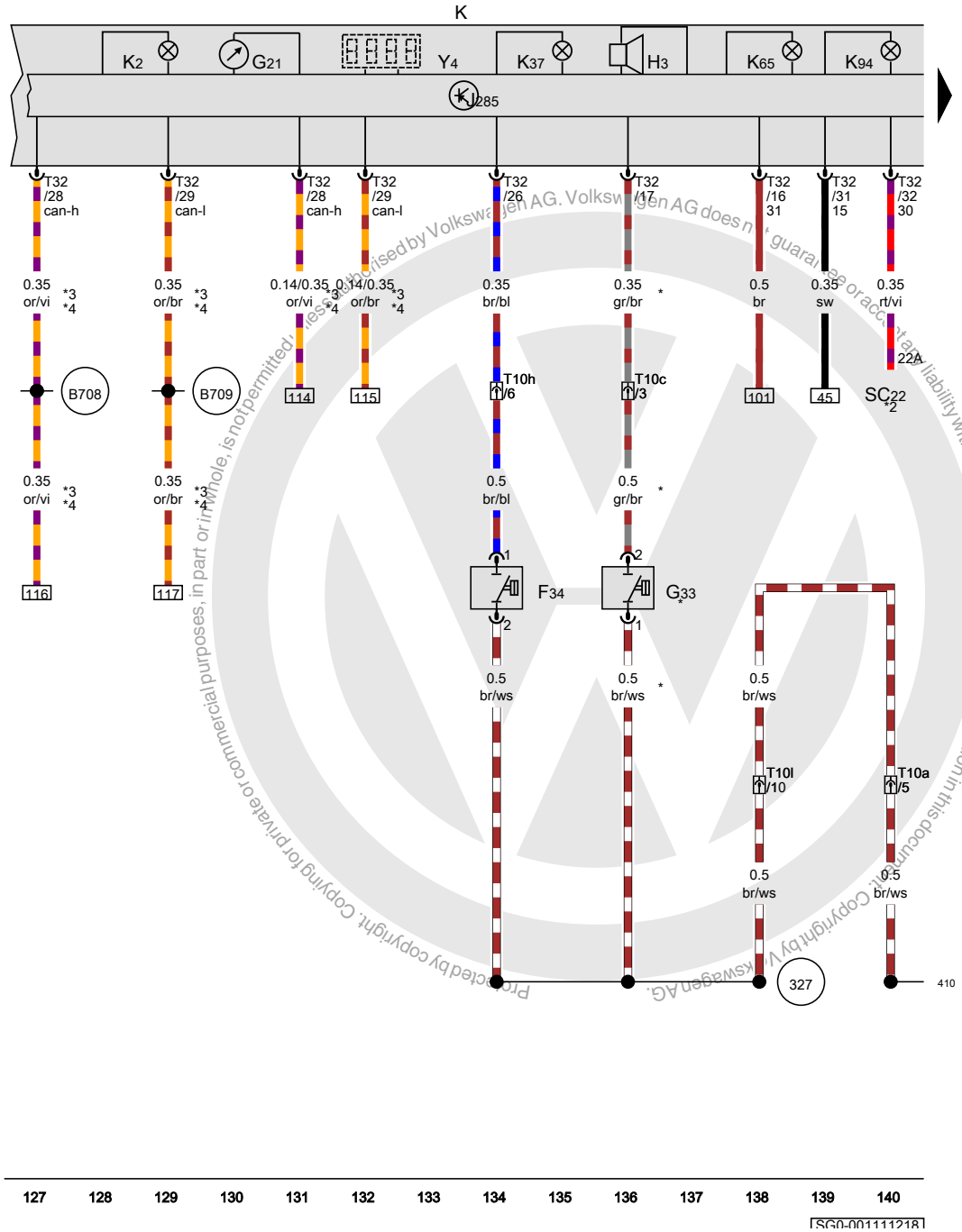

Brake fluid level warning contact, Windscreen washer fluid level sender, Dash panel insert

F34	Brake fluid level warning contact
G21	Speedometer
G33	Windscreen washer fluid level sender
H3	Buzzer and gong
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K37	Washer fluid level warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
SC22	Fuse 22 on fuse holder C
T10a	10-pin connector, brown, in E-box
T10c	10-pin connector, yellow, in E-box
T10h	10-pin connector, orange, in E-box
T10l	10-pin connector, light green, in E-box
T32	32-pin connector, blue
Y4	Trip counter
327	Earth connection (sender earth), in engine compartment wiring harness
410	Earth connection 1 (sender earth) in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	For models with windscreen washer fluid level sender
*2	see applicable current flow diagram for fuse assignment
*3	According to equipment
*4	see applicable current flow diagram for CAN bus network

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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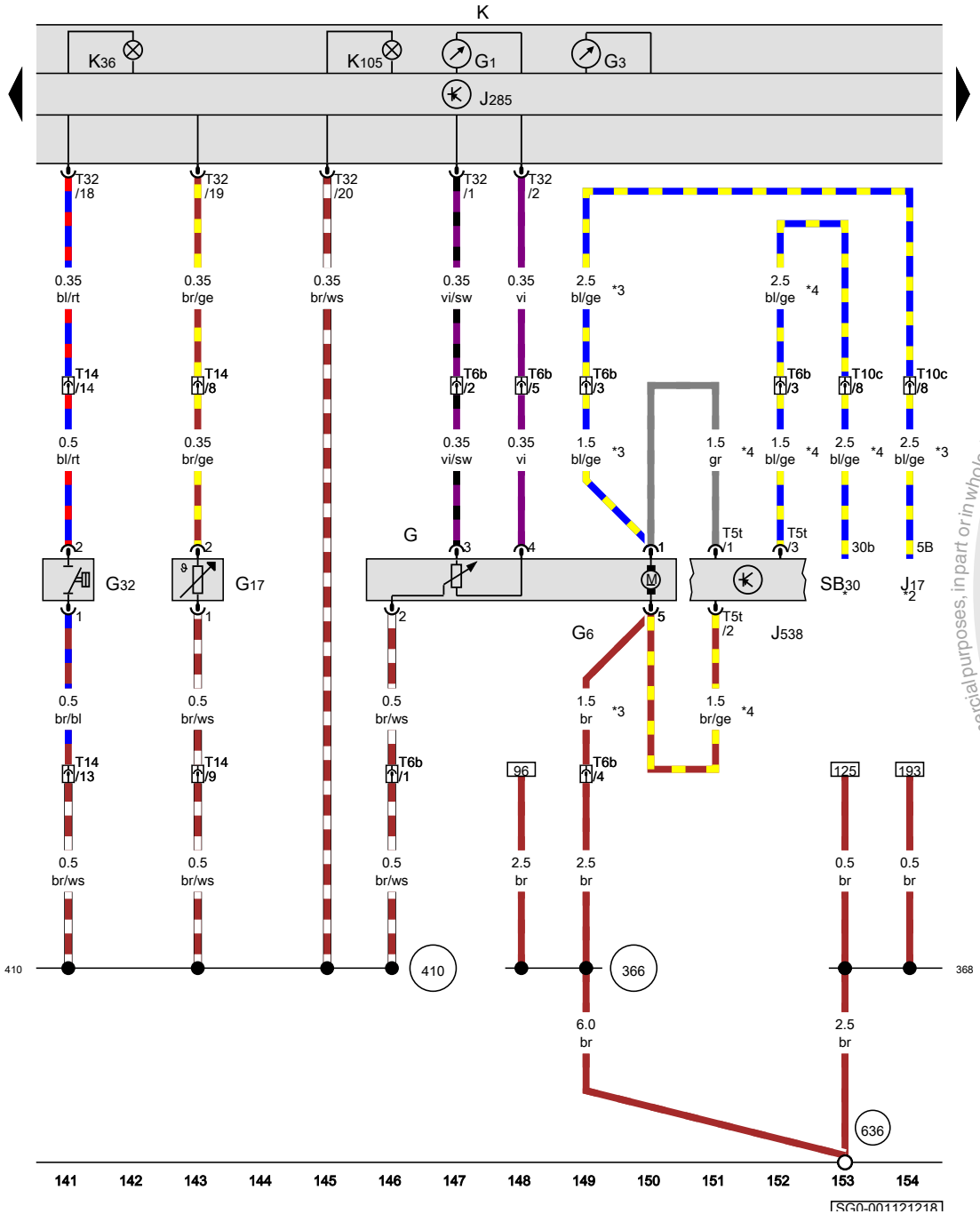

Fuel gauge sender, Fuel system pressurisation pump, Ambient temperature sensor, Coolant shortage indicator sender, Fuel pump relay, Fuel pump control unit, Dash panel insert, Fuse 30 on fuse holder B

G	Fuel gauge sender
G1	Fuel gauge
G3	Coolant temperature gauge
G6	Fuel system pressurisation pump
G17	Ambient temperature sensor
G32	Coolant shortage indicator sender
J17	Fuel pump relay
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K	Dash panel insert
K36	Coolant shortage warning lamp
K105	Reserve fuel warning lamp
SB30	Fuse 30 on fuse holder B
T5t	5-pin connector, black
T6b	6-pin connector, black, on fuel tank
T10c	10-pin connector, yellow, in E-box
T14	14-pin connector, black, near horn, dual tone horn
T32	32-pin connector, blue
366	Earth connection 1, in main wiring harness
368	Earth connection 3, in main wiring harness
410	Earth connection 1 (sender earth) in main wiring harness
636	Earth point, onboard supply control unit
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for engine
*3	For models with diesel engine
*4	For models with petrol engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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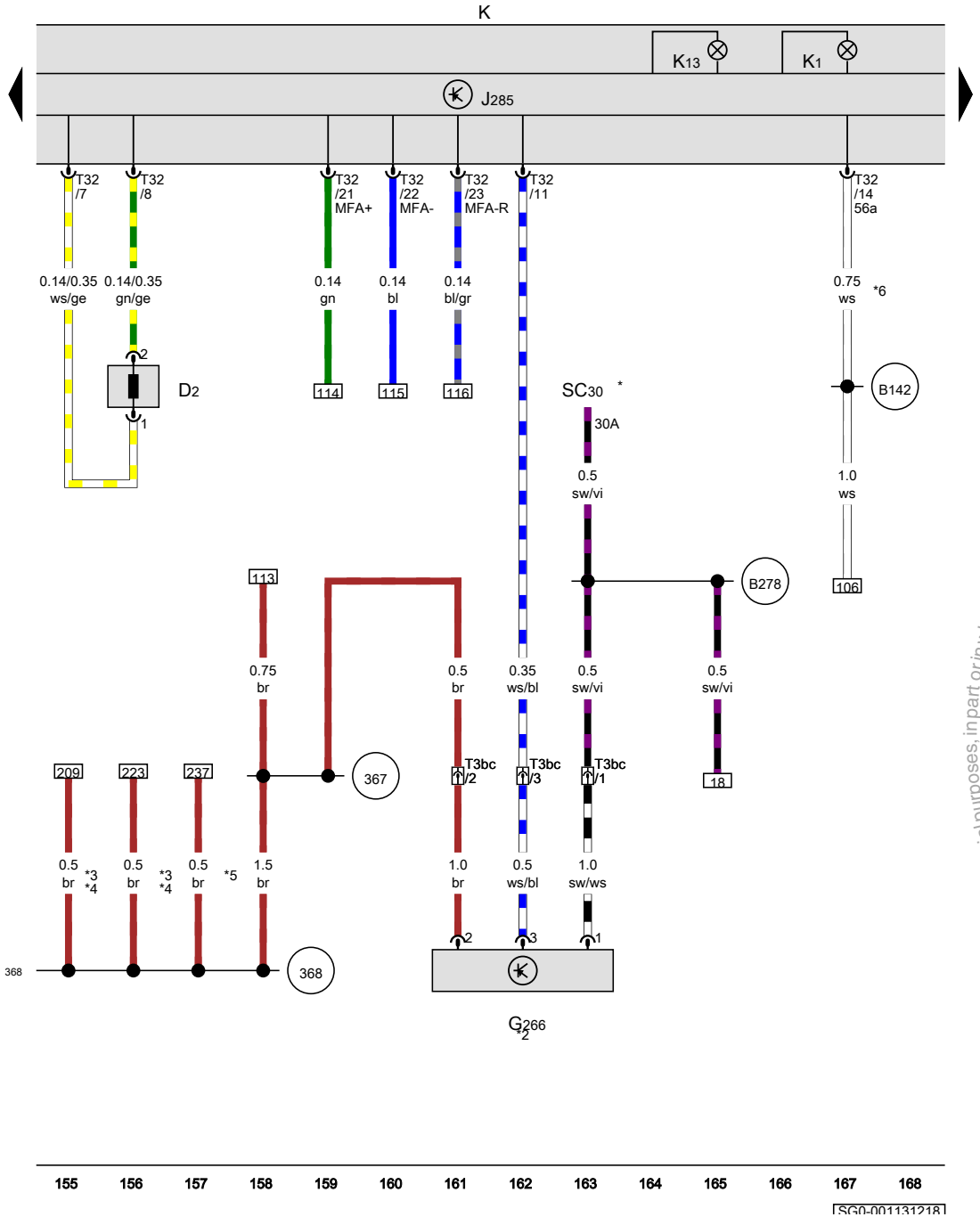

Immobiliser reader coil, Oil level and oil temperature sender, Dash panel insert

D2	Immobiliser reader coil
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K	Dash panel insert
K1	Main beam warning lamp
K13	Rear fog light warning lamp
SC30	Fuse 30 on fuse holder C
T3bc	3-pin connector, black, on underbody, near cross panel
T32	32-pin connector, blue
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
B142	Positive connection 2 (56a), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with extended service intervals (ESI)
*3	For models with double cab/dropside
*4	For panel van and Kombi models with no separate passenger compartment ventilation, not for double cab
*5	For Camper, panel van and Kombi models with separate passenger compartment ventilation
*6	Up to November 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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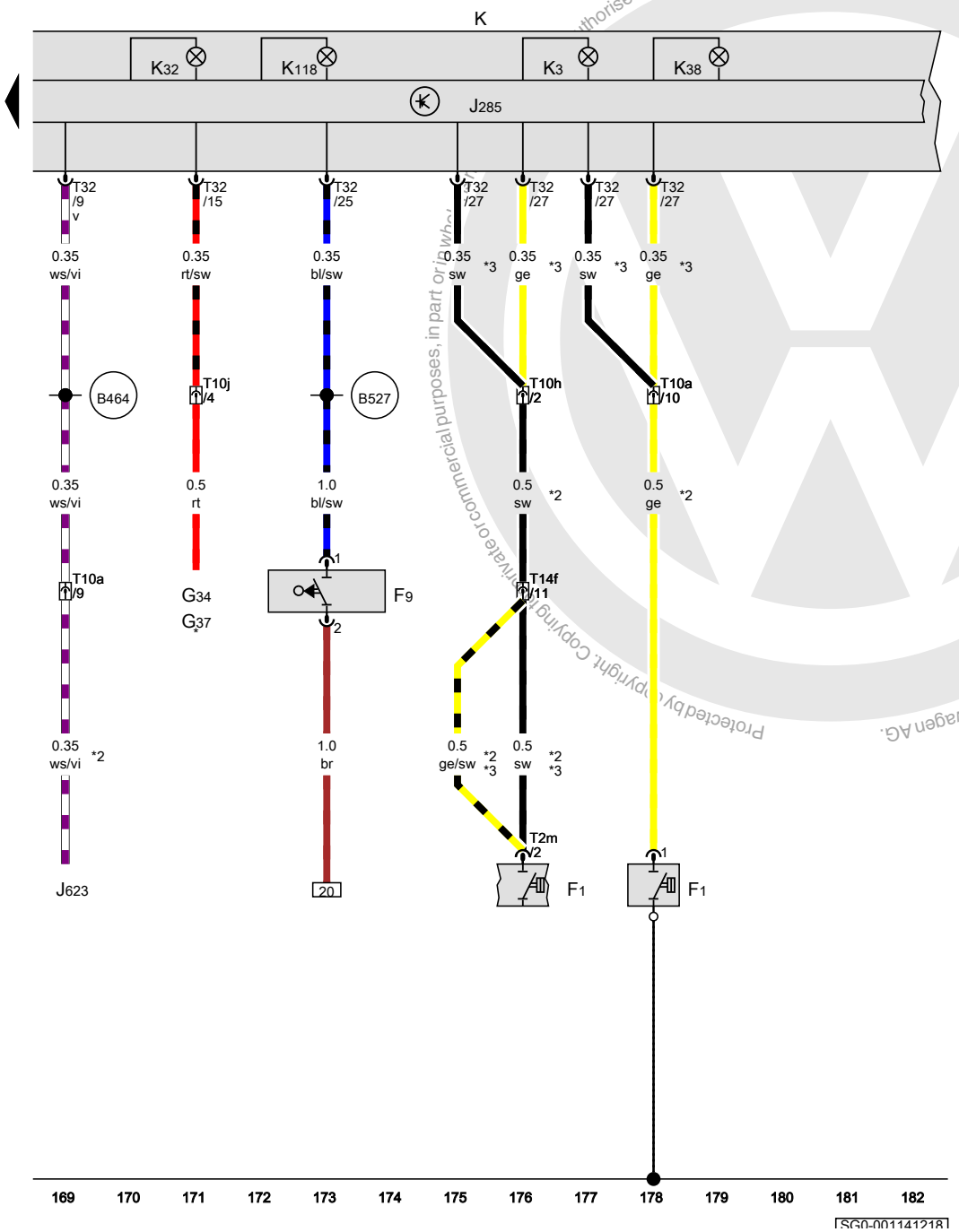

Oil pressure switch, Handbrake warning switch, Front left brake pad wear sender, Rear right brake pad wear sender, Dash panel insert

F1	Oil pressure switch
F9	Handbrake warning switch
G34	Front left brake pad wear sender
G37	Rear right brake pad wear sender
J285	Control unit in dash panel insert
J623	Engine/motor control unit
K	Dash panel insert
K3	Oil pressure warning lamp
K32	Brake pad warning lamp
K38	Oil level warning lamp
K118	Brake system warning lamp
T2m	2-pin connector, red
T10a	10-pin connector, brown, in E-box
T10h	10-pin connector, orange, in E-box
T10j	10-pin connector, dark brown, in E-box
T14f	14-pin connector, grey, in E-box, next to relay plate
T32	32-pin connector, blue
B464	Connection (speed signal), in main wiring harness
B527	Connection (handbrake), in main wiring harness
*	see applicable current flow diagram for ABS
*2	see applicable current flow diagram for engine
*3	Wiring colour depends on equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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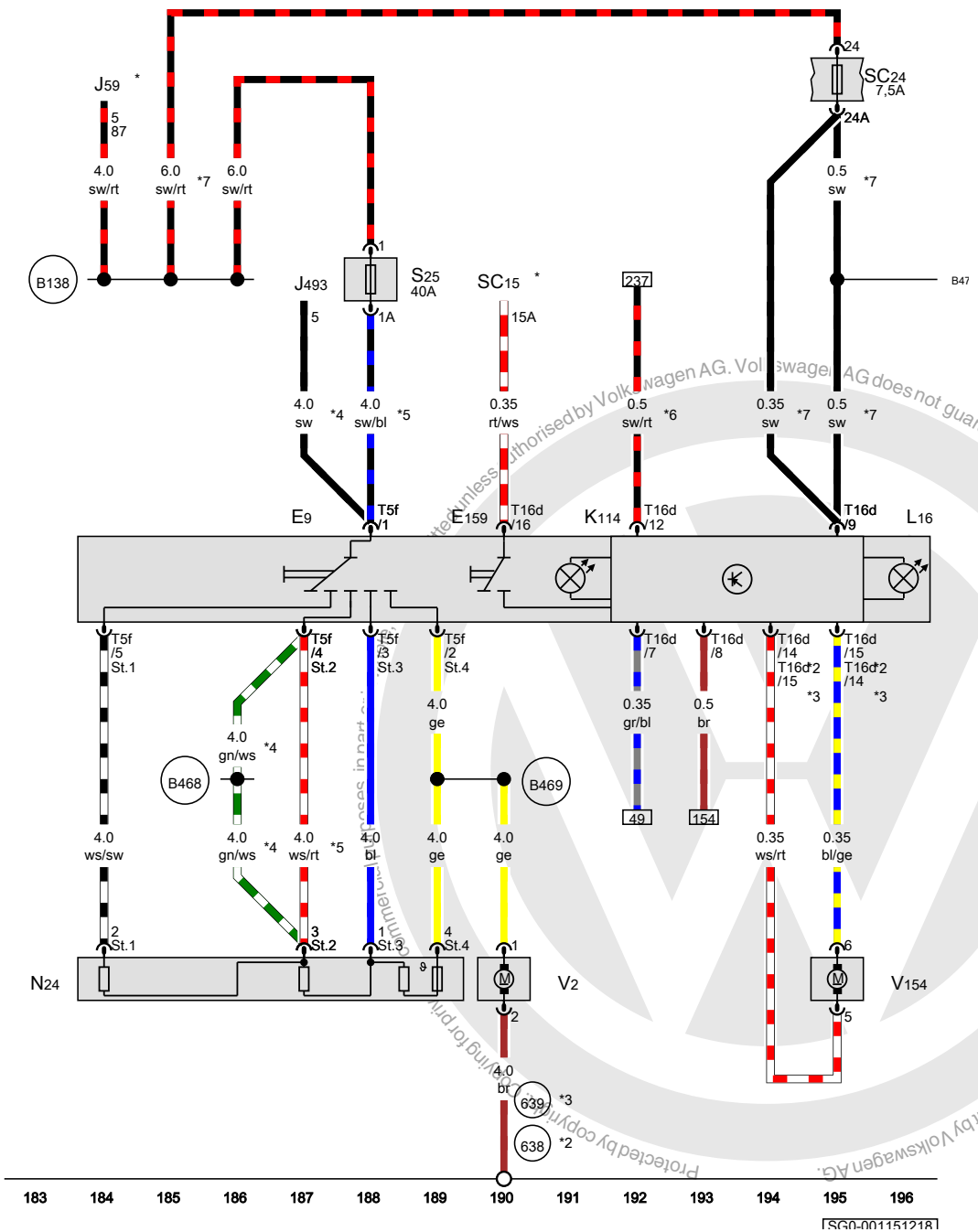

Fresh air blower switch, Auxiliary coolant heater relay, Fresh air blower series resistor with overheating fuse, Fuse 15 on fuse holder C, Fuse 24 on fuse holder C, Hot air blower single fuse, Fresh air blower, Fresh air and air recirculation flap control motor

E9	Fresh air blower switch
E159	Fresh air and air recirculation flap switch
J59	X-contact relief relay
J493	Auxiliary coolant heater relay
K114	Fresh air and air recirculation warning lamp
L16	Fresh air regulator illumination bulb
N24	Fresh air blower series resistor with overheating fuse
SC15	Fuse 15 on fuse holder C
SC24	Fuse 24 on fuse holder C
S25	Hot air blower single fuse
T5f	5-pin connector, black
T16d	16-pin connector, black
V2	Fresh air blower
V154	Fresh air and air recirculation flap control motor
638	Earth point, on right A-pillar
639	Earth point, left A-pillar
B138	Positive connection (X), in interior wiring harness
B468	Connection 4, in main wiring harness
B469	Connection 5, in main wiring harness
B472	Connection 8, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For left-hand drive models
*3	For right-hand drive models
*4	Only models with auxiliary coolant heater
*5	For models with no auxiliary coolant heater
*6	For Camper, panel van and Kombi models with separate passenger compartment ventilation
*7	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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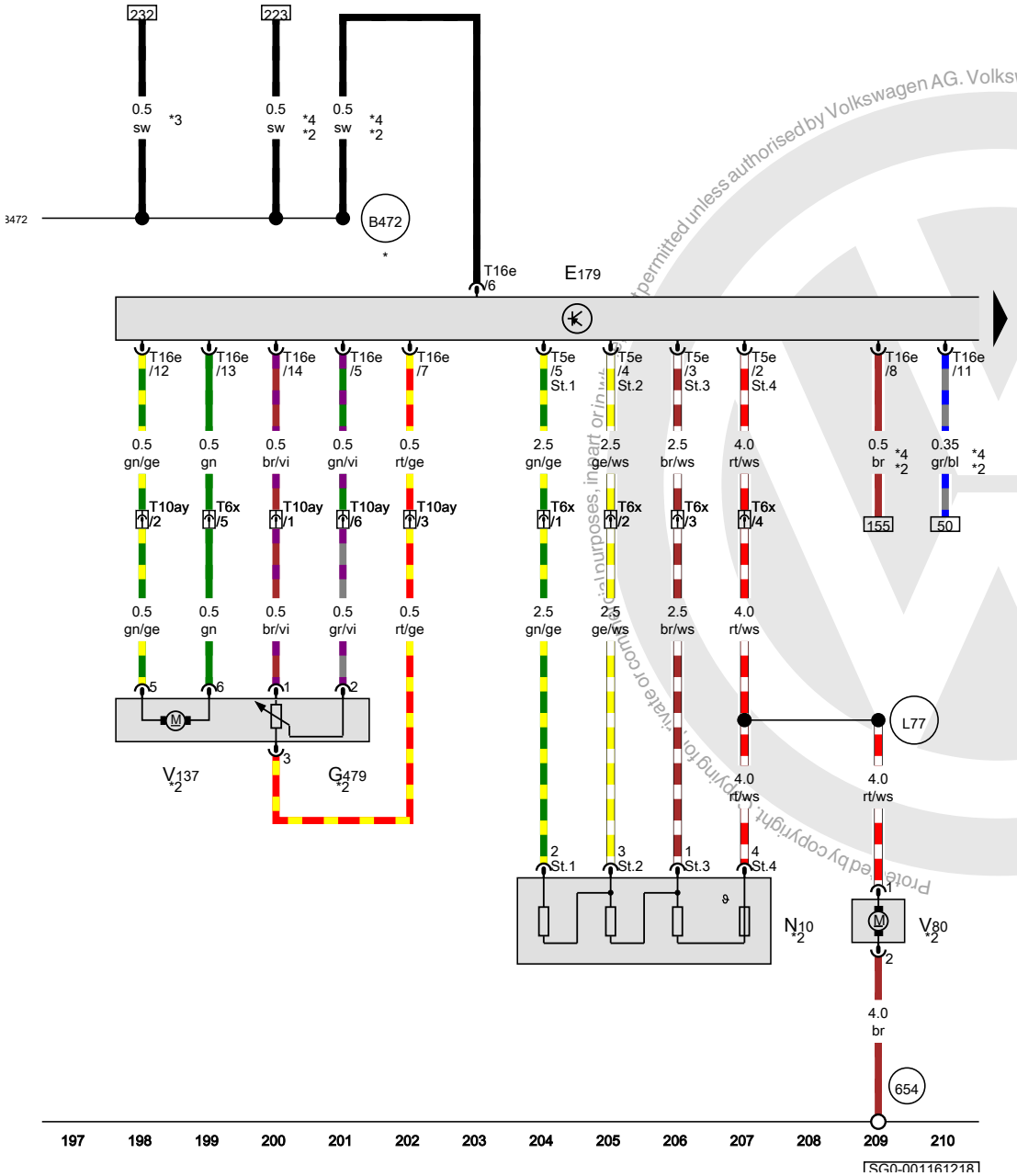
Series resistor for rear fresh air blower, Rear fresh air blower, Rear temperature flap control motor



E179	Rear fresh air blower switch, in dash panel
G479	Potentiometer for rear temperature flap motor
N10	Series resistor for rear fresh air blower
T5e	5-pin connector, black
T6x	6-pin connector, purple, under seat on front right
T10ay	10-pin connector, red, under seat on front right
T16e	16-pin connector, black
V80	Rear fresh air blower
V137	Rear temperature flap control motor
654	Earth point, on right D-pillar
B472	Connection 8, in main wiring harness
L77	Connection, in fresh air blower wiring harness
*	For models with 2nd heater in passenger compartment
*2	For panel van and Kombi models with no separate passenger compartment ventilation, not for double cab
*3	For Camper, panel van and Kombi models with separate passenger compartment ventilation
*4	For models with double cab/dropside

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
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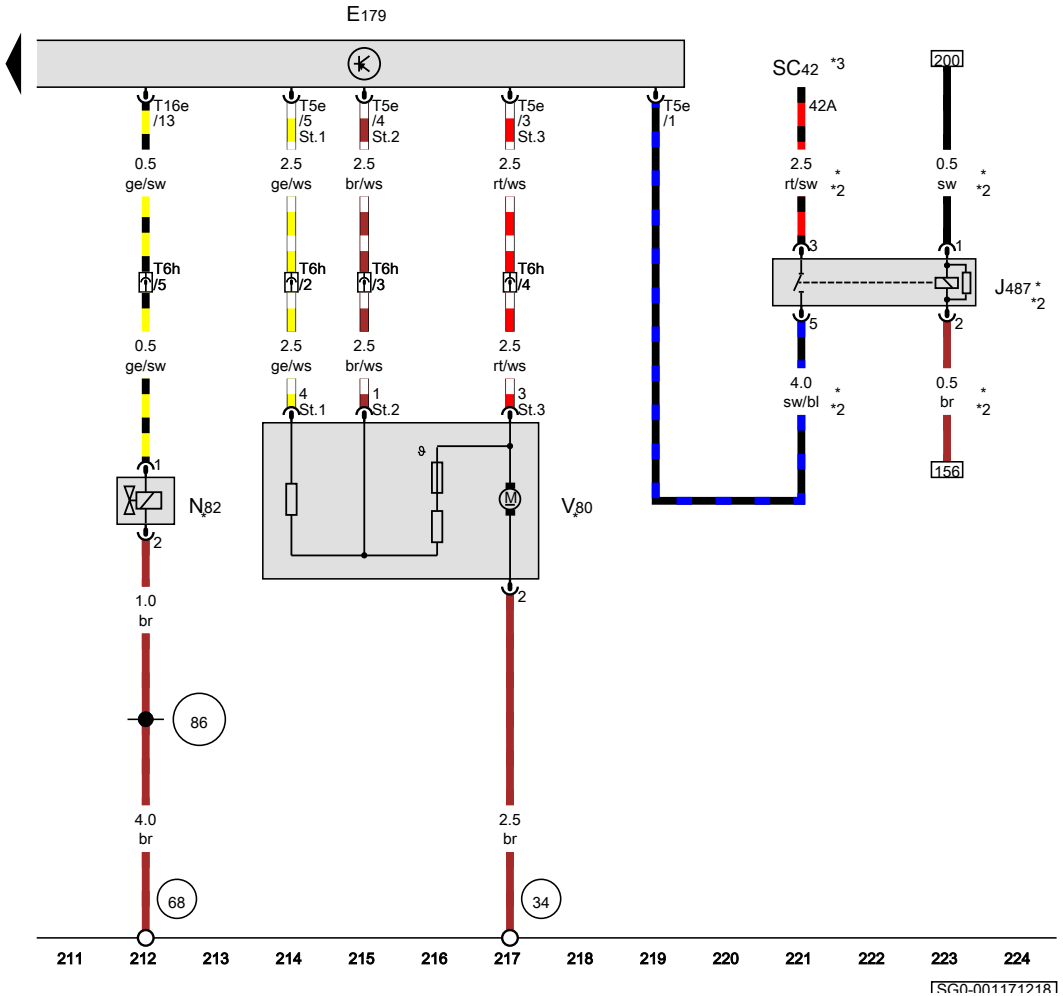
Fresh air blower isolation relay, Coolant shut-off valve, Fuse 42 on fuse holder C, Rear fresh air blower

E179	Rear fresh air blower switch, in dash panel
J487	Fresh air blower isolation relay
N82	Coolant shut-off valve
SC42	Fuse 42 on fuse holder C
T5e	5-pin connector, black
T6h	6-pin connector, purple, under seat on front left
T16e	16-pin connector, black
V80	Rear fresh air blower
34	Earth point, under driver seat
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
*	For models with double cab/dropside
*2	For panel van and Kombi models with no separate passenger compartment ventilation, not for double cab
*3	see applicable current flow diagram for fuse assignment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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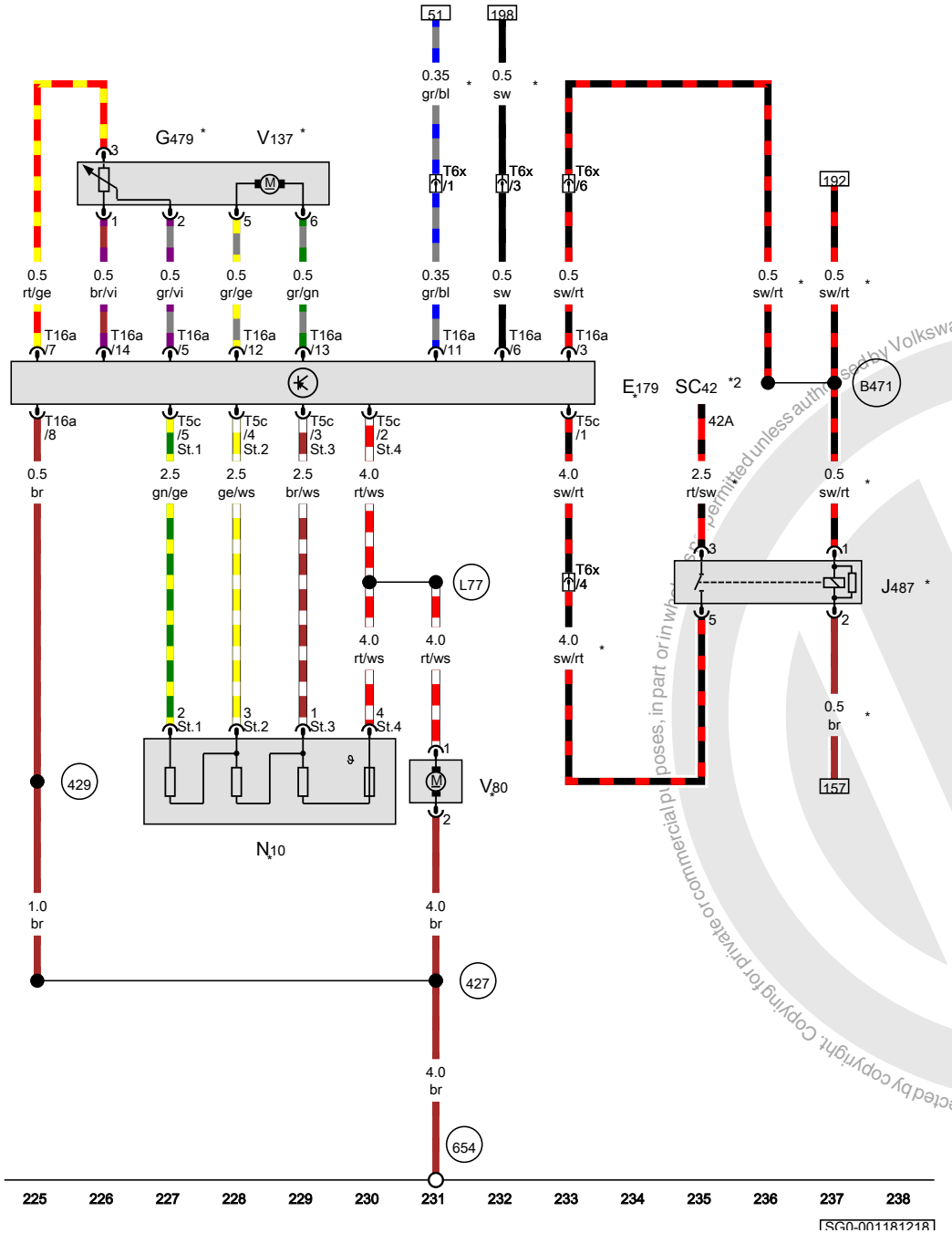

Rear fresh air blower switch, Fresh air blower isolation relay, Series resistor for rear fresh air blower, Fuse 42 on fuse holder C, Rear fresh air blower, Rear temperature flap control motor

E179	Rear fresh air blower switch, in roof
G479	Potentiometer for rear temperature flap motor
J487	Fresh air blower isolation relay
N10	Series resistor for rear fresh air blower
SC42	Fuse 42 on fuse holder C
T5c	5-pin connector, black
T6x	6-pin connector, purple, under seat on front right
T16a	16-pin connector, black
V80	Rear fresh air blower
V137	Rear temperature flap control motor
427	Earth connection 3, in right rear end wiring harness
429	Earth connection 4, in right rear end wiring harness
654	Earth point, on right D-pillar
B471	Connection 7, in main wiring harness
L77	Connection, in fresh air blower wiring harness
*	For Camper, panel van and Kombi models with separate passenger compartment ventilation
*2	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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Convenience system , (L0L)

From June 2015

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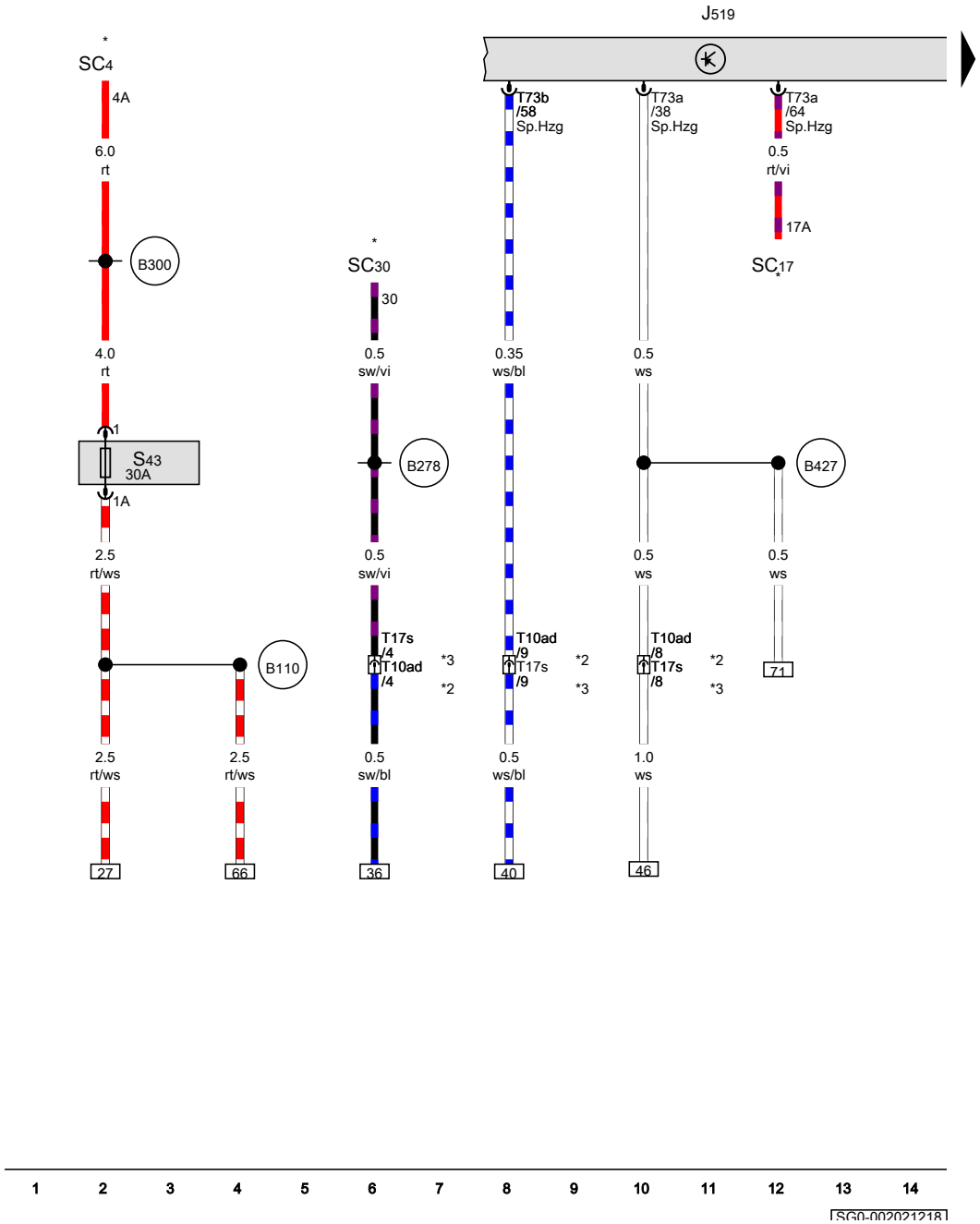
Onboard supply control unit, Fuse 17 on fuse holder C, Fuse 30 on fuse holder C, Window regulator thermal fuse



J519	Onboard supply control unit
SC4	Fuse 4 on fuse holder C
SC17	Fuse 17 on fuse holder C
SC30	Fuse 30 on fuse holder C
S43	Window regulator thermal fuse
T10ad	10-pin connector, red, on left A-pillar
T17s	17-pin connector, red, on left A-pillar
T73a	73-pin connector, black
T73b	73-pin connector, white
B110	Connection (30, window regulators), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B427	Connection 1 (mirror signal), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Up to January 2016
*3	From January 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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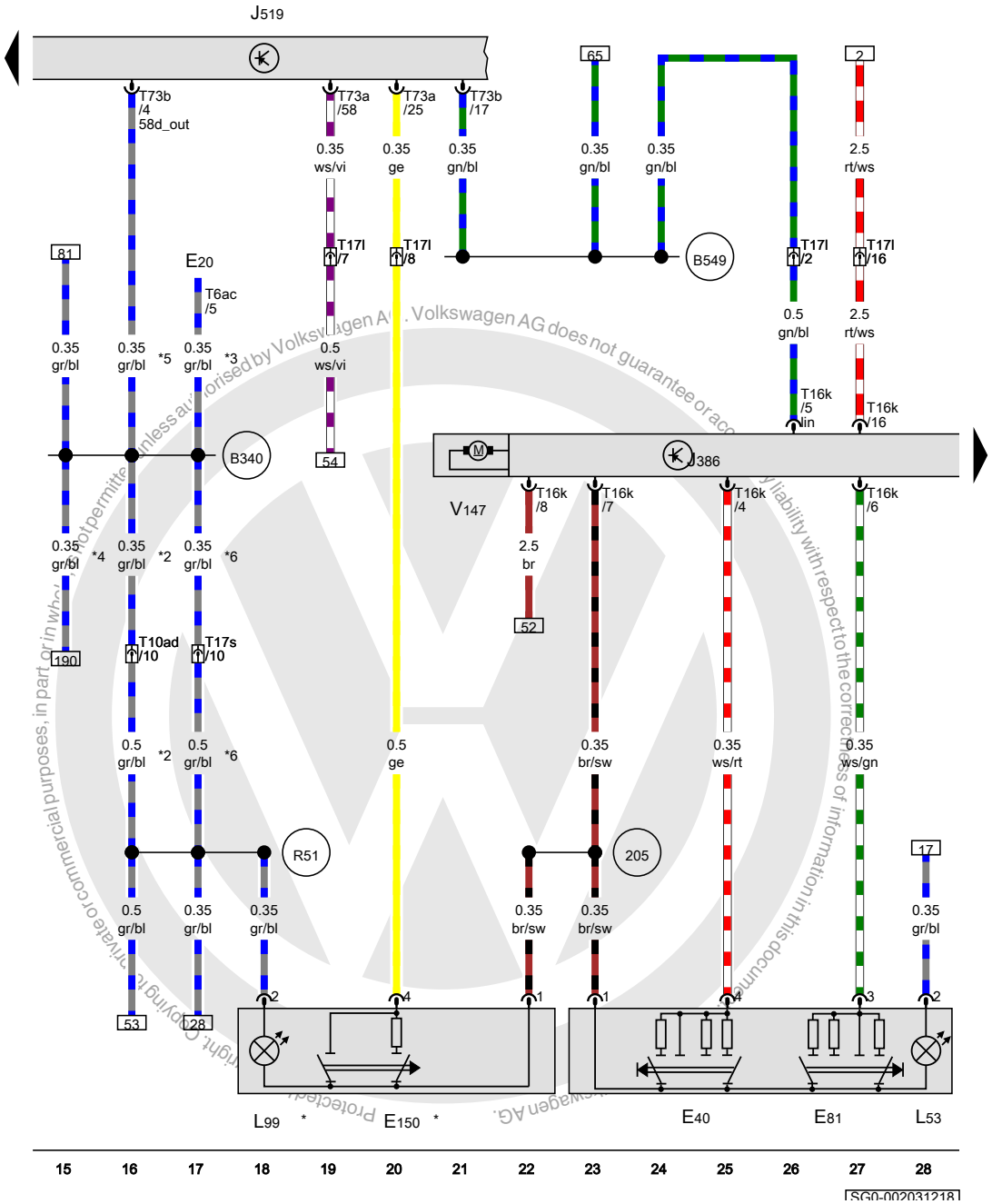

Front left window regulator switch, Front right window regulator switch in driver door, Driver side interior locking switch, Driver door control unit, Onboard supply control unit, Driver side window regulator motor

E20	Switch and instrument illumination regulator
E40	Front left window regulator switch
E81	Front right window regulator switch in driver door
E150	Driver side interior locking switch
J386	Driver door control unit
J519	Onboard supply control unit
L53	Window regulator switch illumination bulb
L99	Interior lock switch illumination bulb
T6ac	6-pin connector, black
T10ad	10-pin connector, red, on left A-pillar
T16k	16-pin connector, black
T17l	17-pin connector, black, on left A-pillar
T17s	17-pin connector, red, on left A-pillar
T73a	73-pin connector, black
T73b	73-pin connector, white
V147	Driver side window regulator motor
205	Earth connection, in driver door wiring harness
B340	Connection 1 (58d), in main wiring harness
B549	Connection 2 (LIN bus) in main wiring harness
R51	Connection (58b), in driver side door wiring harness
*	For models with interior locking switch
*2	Up to January 2016
*3	For models with dimmable instrument illumination
*4	For models with no electric rear lid opener
*5	For models with no dimmable instrument illumination
*6	From January 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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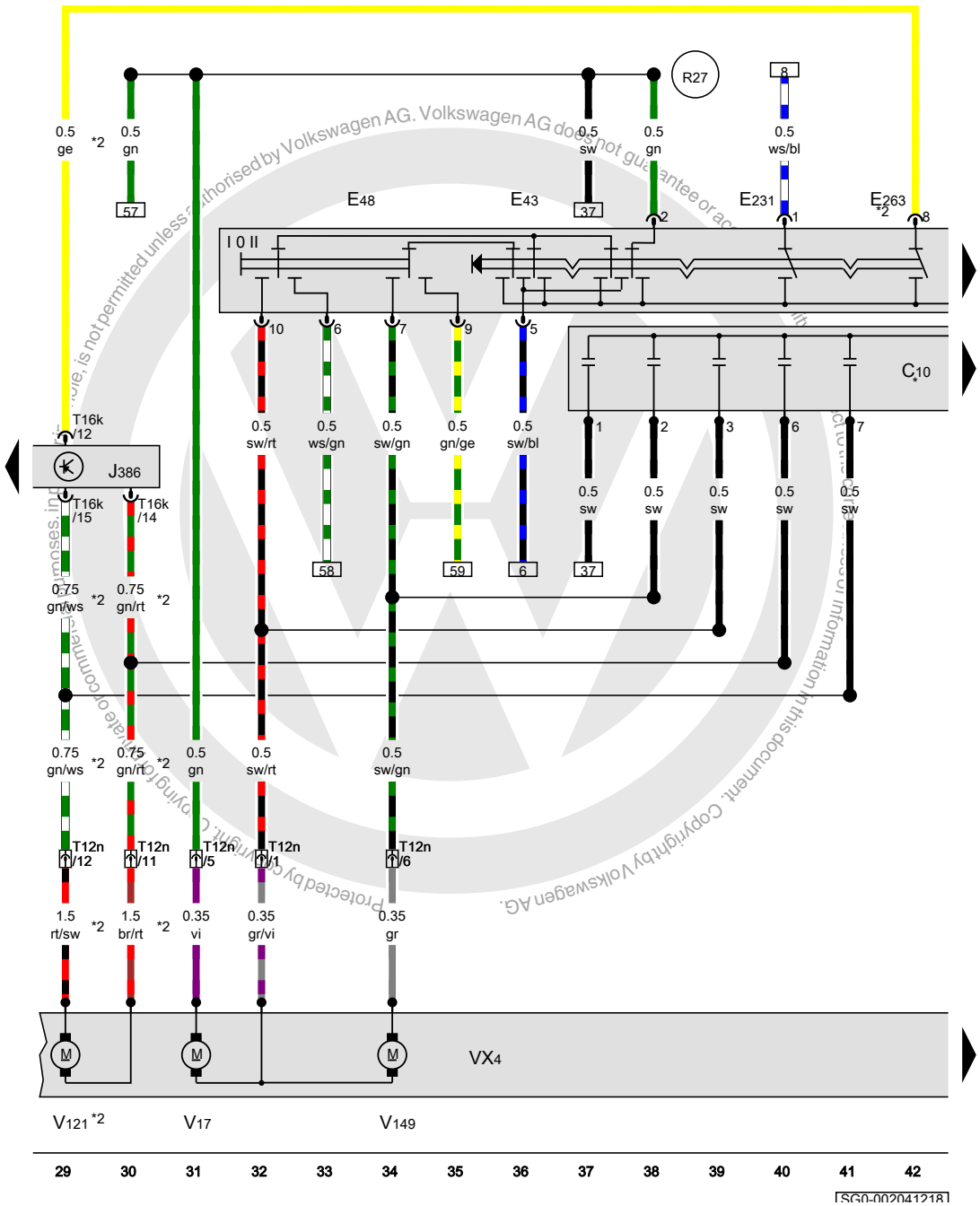

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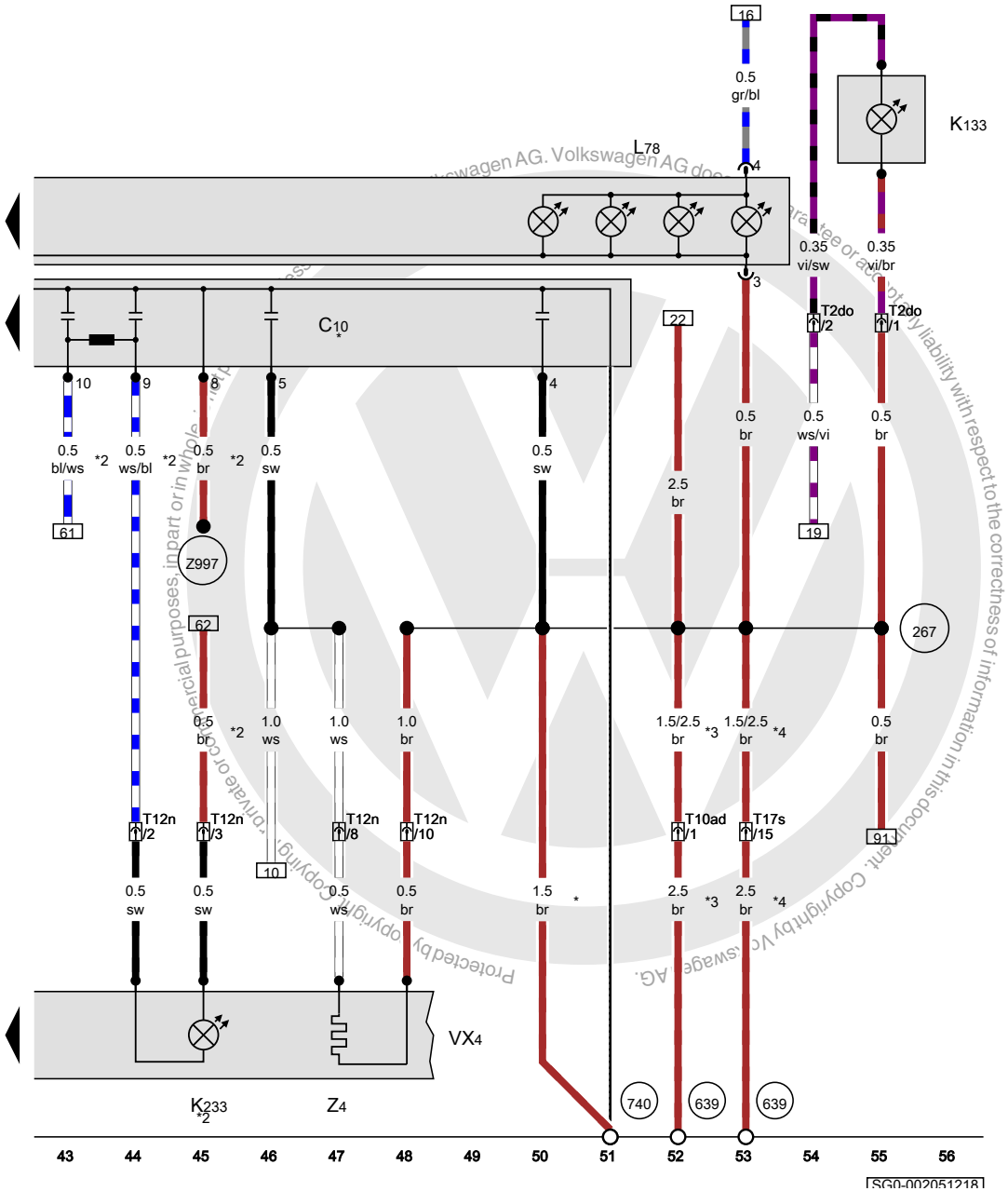
Mirror adjustment switch, Mirror adjustment changeover switch, Exterior mirror heater button, Fold-in mirror switch, Driver door control unit, Driver side exterior mirror, Driver side fold-in mirror motor, Driver side mirror adjustment motor

C10	Suppression filter, in front left door
E43	Mirror adjustment switch
E48	Mirror adjustment changeover switch
E231	Exterior mirror heater button
E263	Fold-in mirror switch
J386	Driver door control unit
T12n	12-pin connector, brown, in driver door
T16k	16-pin connector, black
VX4	Driver side exterior mirror
V17	Driver side mirror adjustment motor 2
V121	Driver side fold-in mirror motor
V149	Driver side mirror adjustment motor
R27	Connection (mirror adjustment), in driver door wiring harness
*	According to equipment
*2	For models with electric folding exterior mirrors

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Central locking SAFELOCK function warning lamp, Lane change assist warning lamp in driver side exterior mirror, Mirror adjustment switch illumination bulb, Driver side exterior mirror, Heated exterior mirror on driver side



C10	Suppression filter, in front left door
K133	Central locking SAFELOCK function warning lamp
K233	Lane change assist warning lamp in driver side exterior mirror
L78	Mirror adjustment switch illumination bulb
T2do	2-pin connector, black, in driver door
T10ad	10-pin connector, red, on left A-pillar
T12n	12-pin connector, brown, in driver door
T17s	17-pin connector, red, on left A-pillar
VX4	Driver side exterior mirror
Z4	Heated exterior mirror on driver side
267	Earth connection 2, in drive side door wiring harness
639	Earth point, left A-pillar
740	Earth point 2 in front left door
Z997	Wiring open end
*	According to equipment
*2	For models with lane change assist
*3	Up to January 2016
*4	From January 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
vi	=	purple
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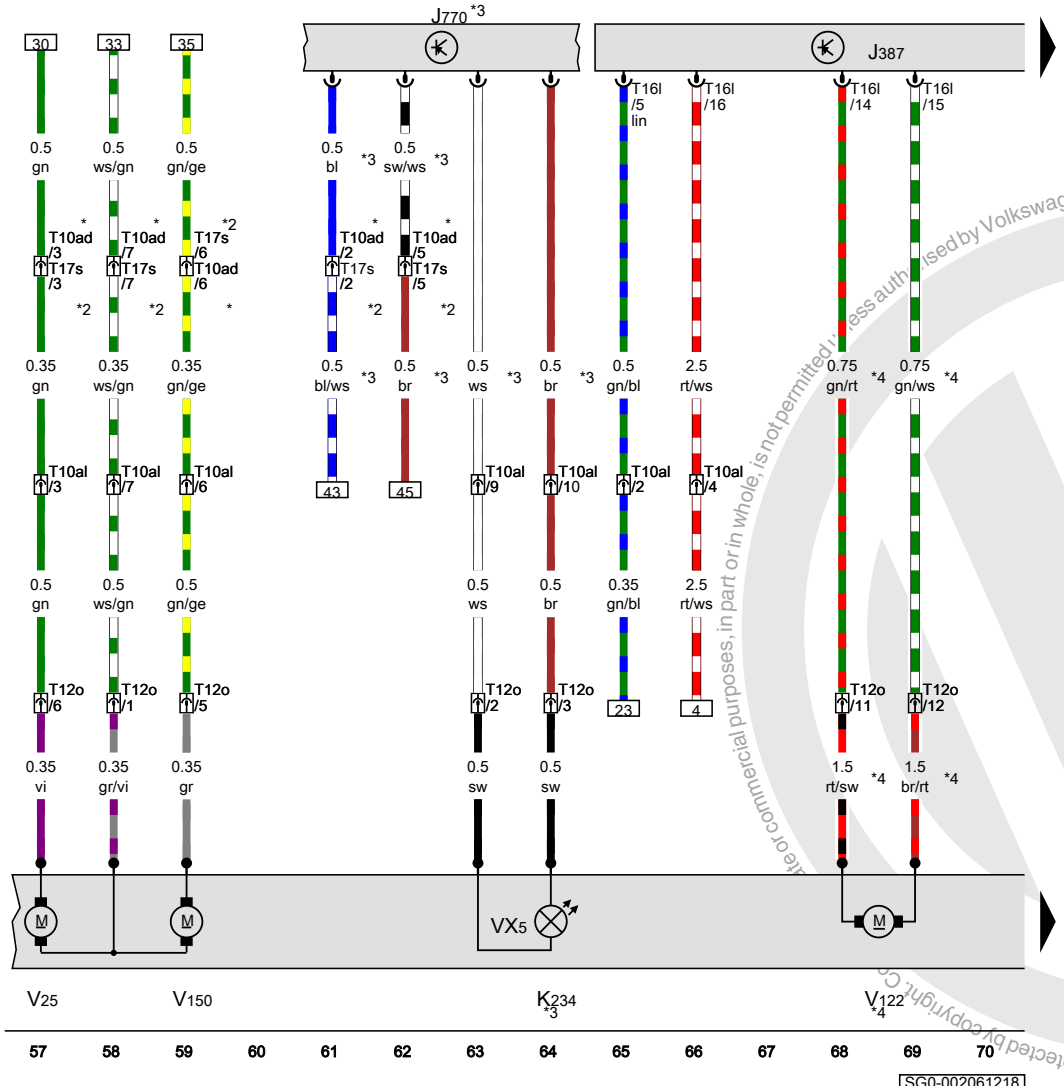
Front passenger door control unit, Lane change assist control unit 2, Lane change assist warning lamp in passenger side exterior mirror, Passenger side exterior mirror, Front passenger side fold-in mirror motor, Front passenger side mirror adjustment motor

J387	Front passenger door control unit
J770	Lane change assist control unit 2
K234	Lane change assist warning lamp in passenger side exterior mirror
T10ad	10-pin connector, red, on left A-pillar
T10al	10-pin connector, red, on right A-pillar
T12o	12-pin connector, brown, in front passenger door
T16l	16-pin connector, black
T17s	17-pin connector, red, on left A-pillar
VX5	Passenger side exterior mirror
V25	Front passenger side mirror adjustment motor 2
V122	Front passenger side fold-in mirror motor
V150	Front passenger side mirror adjustment motor
*	Up to January 2016
*2	From January 2016
*3	For models with lane change assist
*4	For models with electric folding exterior mirrors



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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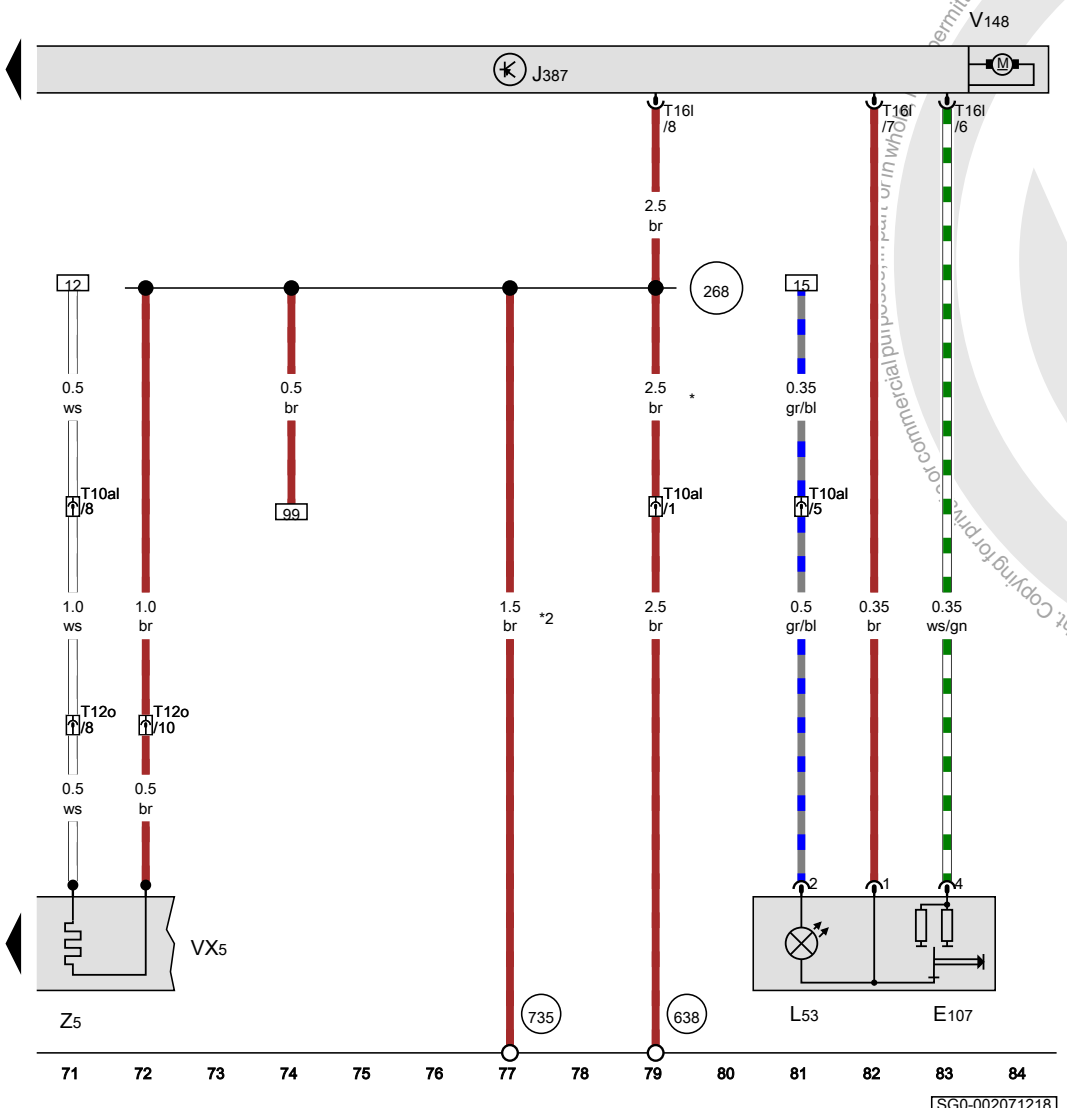
Window regulator switch in front passenger door, Front passenger door control unit, Passenger side exterior mirror, Front passenger side window regulator motor, Heated exterior mirror on passenger side

E107	Window regulator switch in front passenger door
J387	Front passenger door control unit
L53	Window regulator switch illumination bulb
T10al	10-pin connector, red, on right A-pillar
T12o	12-pin connector, brown, in front passenger door
T16l	16-pin connector, black
VX5	Passenger side exterior mirror
V148	Front passenger side window regulator motor
Z5	Heated exterior mirror on passenger side
268	Earth connection 2, in front passenger side door wiring harness
638	Earth point, on right A-pillar
735	Earth point in front right door
*	Cross-section 1.5 possible
*2	According to equipment



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
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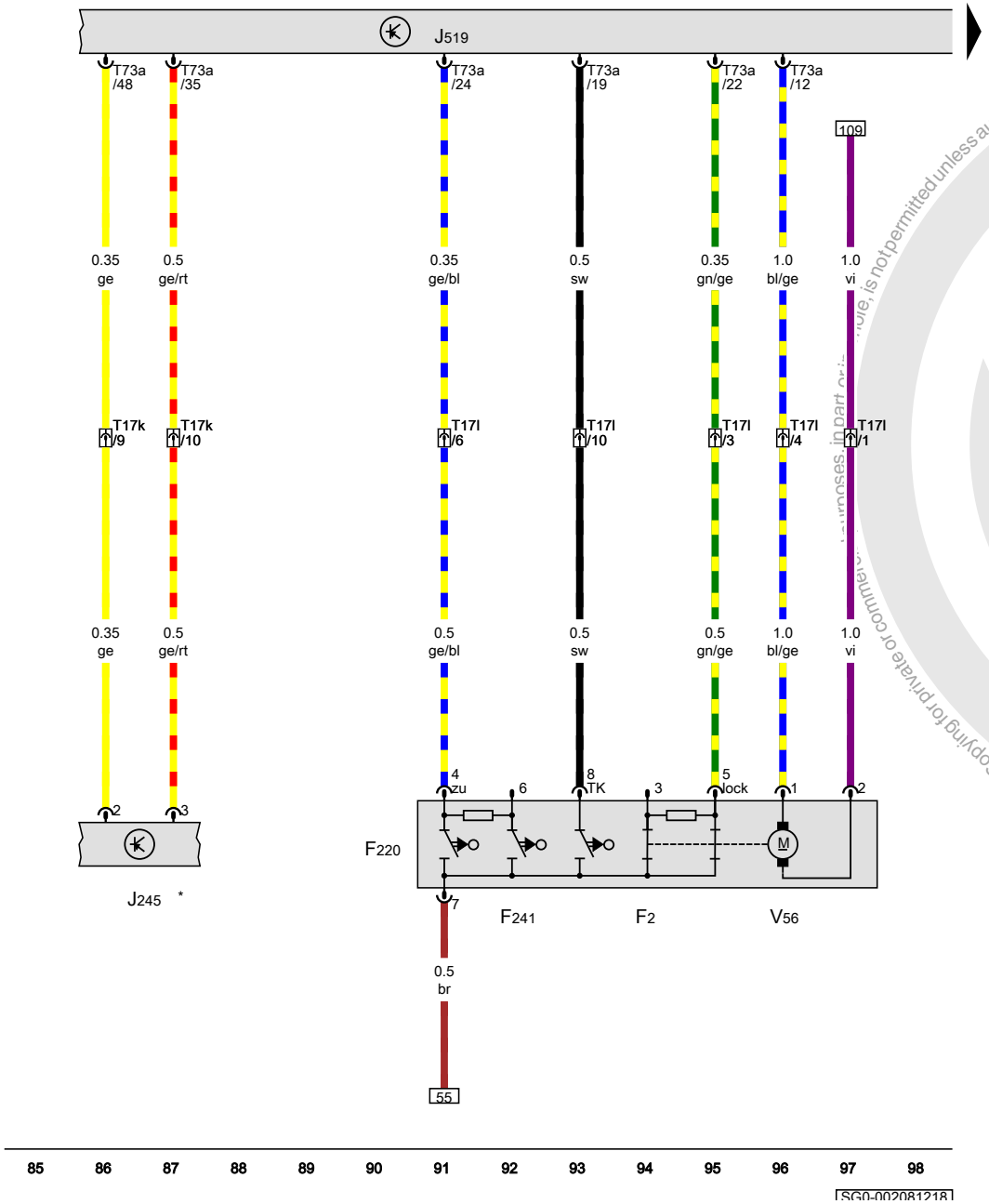
Driver door contact switch, Driver side central locking lock unit, Driver side contact switch in lock cylinder, Sliding sunroof adjustment control unit, Onboard supply control unit, Driver door central locking motor



F2	Driver door contact switch
F220	Driver side central locking lock unit
F241	Driver side contact switch in lock cylinder
J245	Sliding sunroof adjustment control unit
J519	Onboard supply control unit
T17k	17-pin connector, green, in left A-pillar coupling station
T17l	17-pin connector, black, on left A-pillar
T73a	73-pin connector, black
V56	Driver door central locking motor
*	For models with sliding/tilting sunroof

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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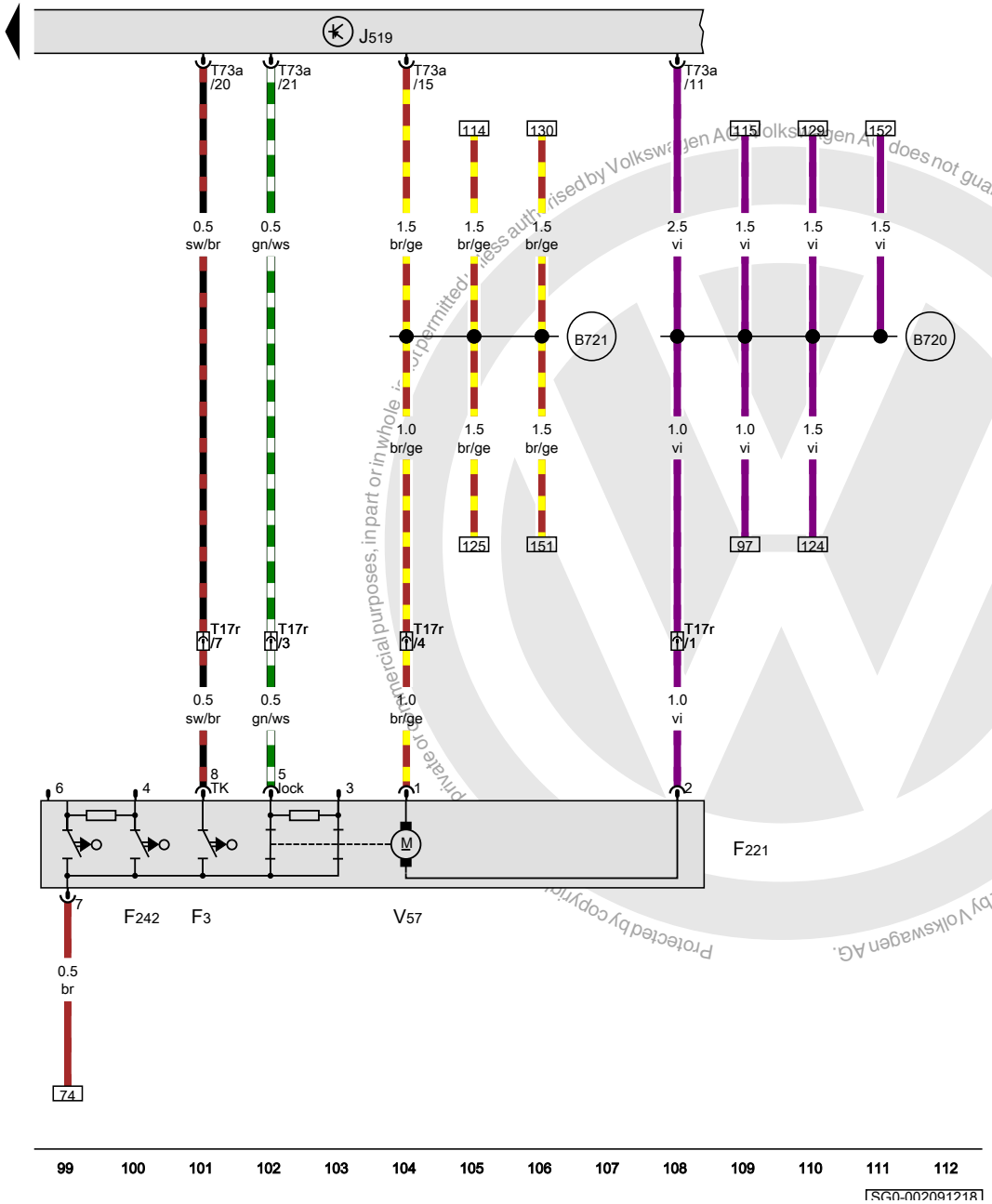

Front passenger door contact switch, Front passenger side central locking lock unit, Front passenger side contact switch in lock cylinder, Onboard supply control unit, Front passenger door central locking motor

F3	Front passenger door contact switch
F221	Front passenger side central locking lock unit
F242	Front passenger side contact switch in lock cylinder
J519	Onboard supply control unit
T17r	17-pin connector, black, in right A-pillar coupling station
T73a	73-pin connector, black
V57	Front passenger door central locking motor
B720	Connection 1 (central locking), in main wiring harness
B721	Connection 2 (central locking), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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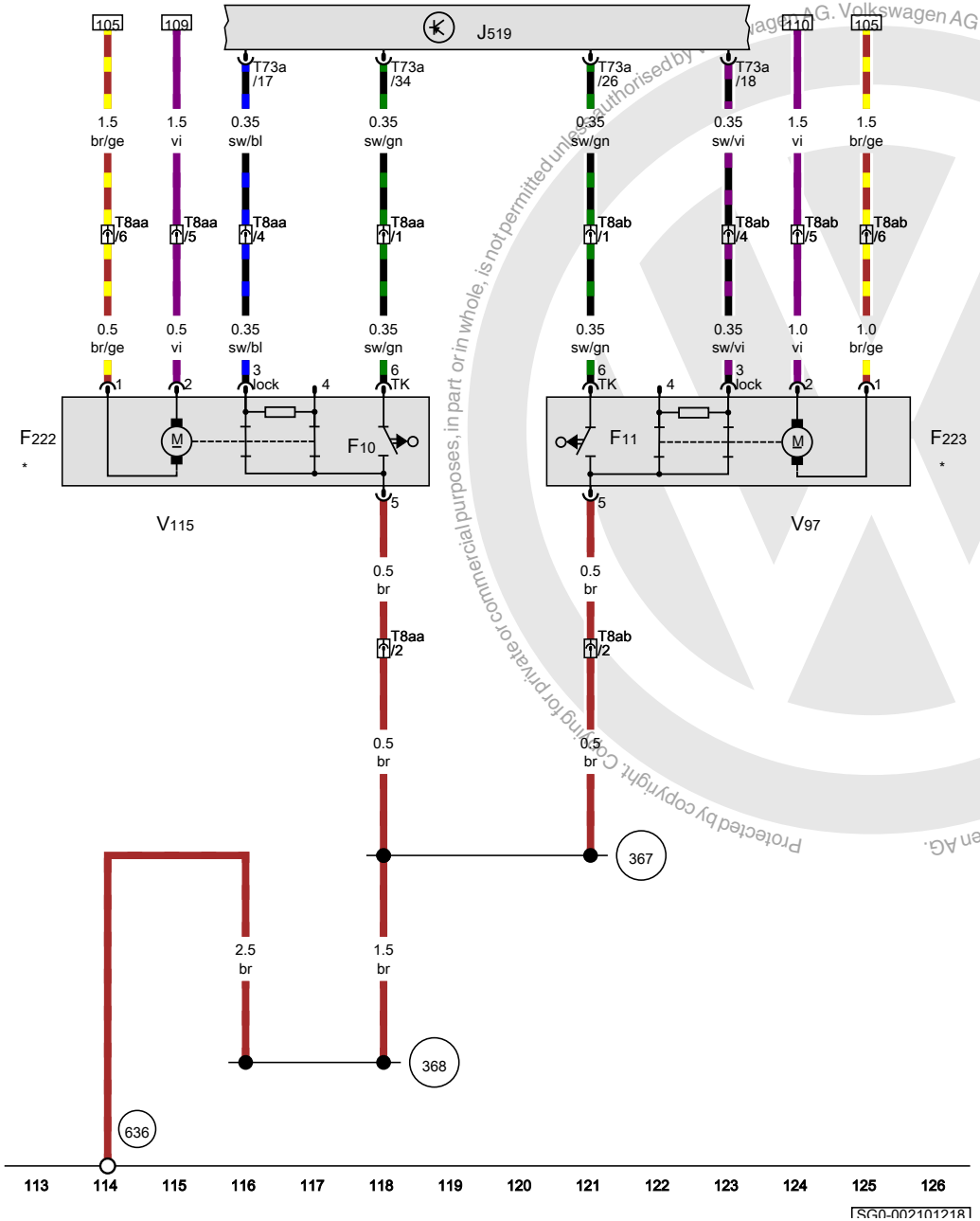
Rear left door contact switch, Rear right door contact switch, Rear left central locking lock unit, Rear right central locking lock unit, Onboard supply control unit, Rear right door central locking motor, Rear left door central locking motor



F10	Rear left door contact switch
F11	Rear right door contact switch
F222	Rear left central locking lock unit
F223	Rear right central locking lock unit
J519	Onboard supply control unit
T8aa	8-pin connector, black, on left B-pillar
T8ab	8-pin connector, black, on right B-pillar
T73a	73-pin connector, black
V97	Rear right door central locking motor
V115	Rear left door central locking motor
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
636	Earth point, onboard supply control unit
*	For models with double cab

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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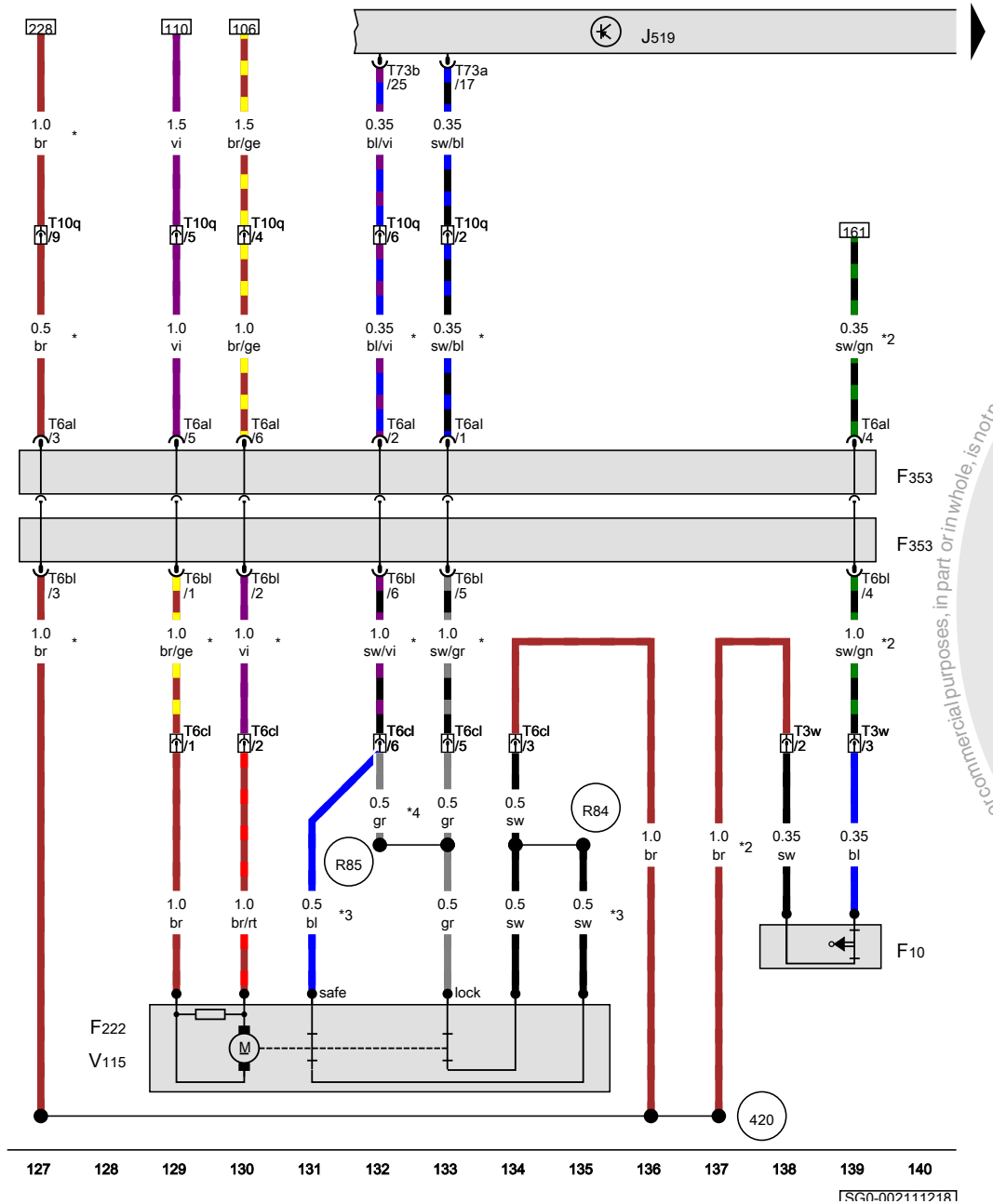

Rear left door contact switch, Rear left central locking lock unit, Contact strip in left sliding door, Rear left door central locking motor

F10	Rear left door contact switch
F222	Rear left central locking lock unit
F353	Contact strip in left sliding door
J519	Onboard supply control unit
T3w	3-pin connector, black, in left sliding door
T6al	6-pin connector, Contact holder, left sliding door
T6bl	6-pin connector, Contact holder, left sliding door
T6cl	6-pin connector, black, in left sliding door
T10q	10-pin connector, green, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
V115	Rear left door central locking motor
420	Earth connection 1, in left sliding door wiring harness
R84	Connection 1 (central locking), in rear left door wiring harness
R85	Connection 2 (central locking), in rear left door wiring harness
*	For models with no electric sliding doors/power latching system
*2	For models with manual sliding door and anti-theft alarm system
*3	For models with SAFELOCK function
*4	For models with no SAFELOCK function

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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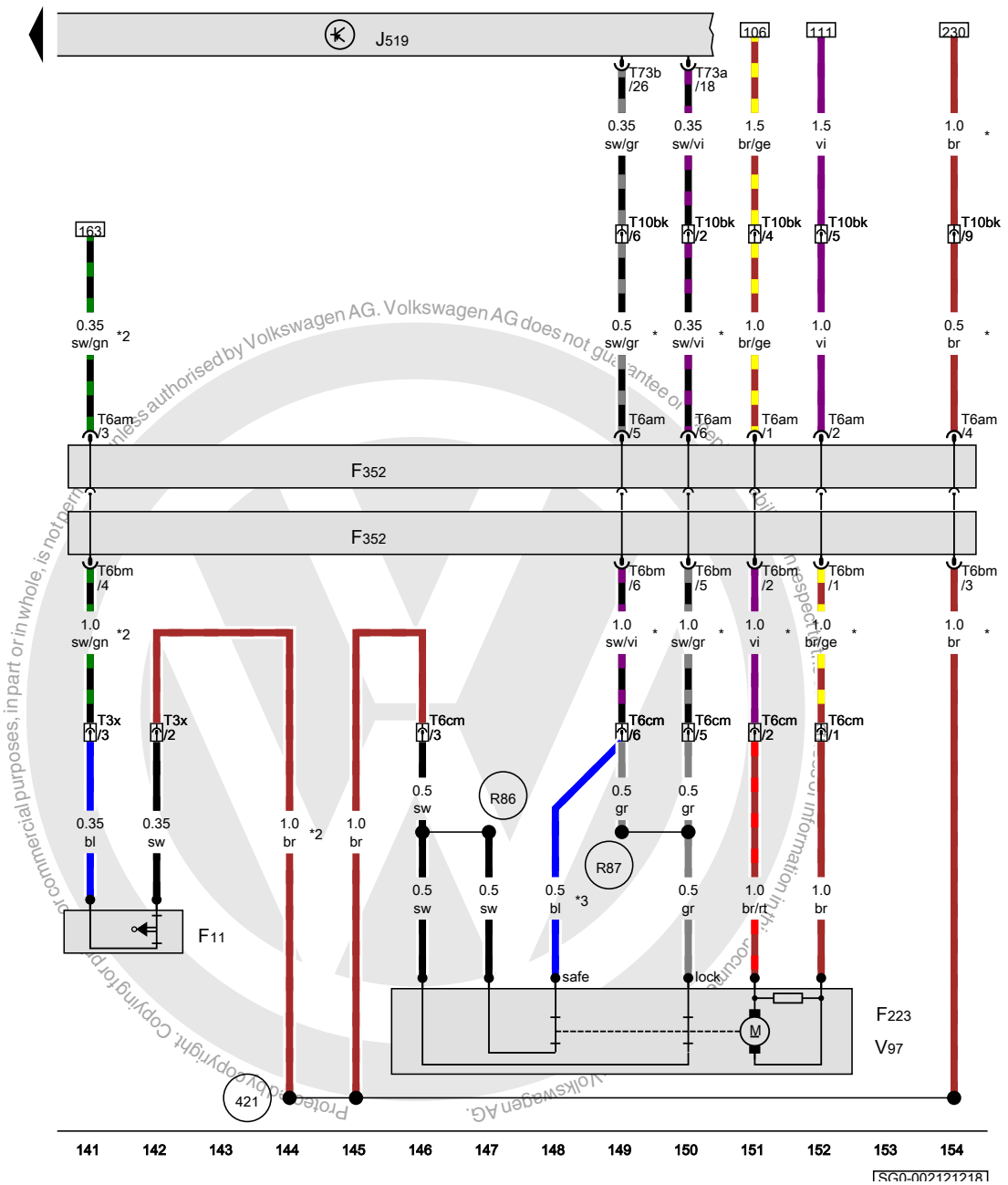

Rear right door contact switch, Rear right central locking lock unit, Contact strip in right sliding door, Rear right door central locking motor

F11	Rear right door contact switch
F223	Rear right central locking lock unit
F352	Contact strip in right sliding door
J519	Onboard supply control unit
T3x	3-pin connector, black, in right sliding door
T6am	6-pin connector, Contact holder, right sliding door
T6bm	6-pin connector, Contact holder, right sliding door
T6cm	6-pin connector, black, in right sliding door
T10bk	10-pin connector, grey, under seat on front right
T73a	73-pin connector, black
T73b	73-pin connector, white
V97	Rear right door central locking motor
421	Earth connection 1, in right sliding door wiring harness
R86	Connection 1 (central locking), in rear right door wiring harness
R87	Connection 2 (central locking), in rear right door wiring harness
*	For models with no electric sliding doors/power latching system
*2	For models with manual sliding door and anti-theft alarm system
*3	For models with SAFELOCK function

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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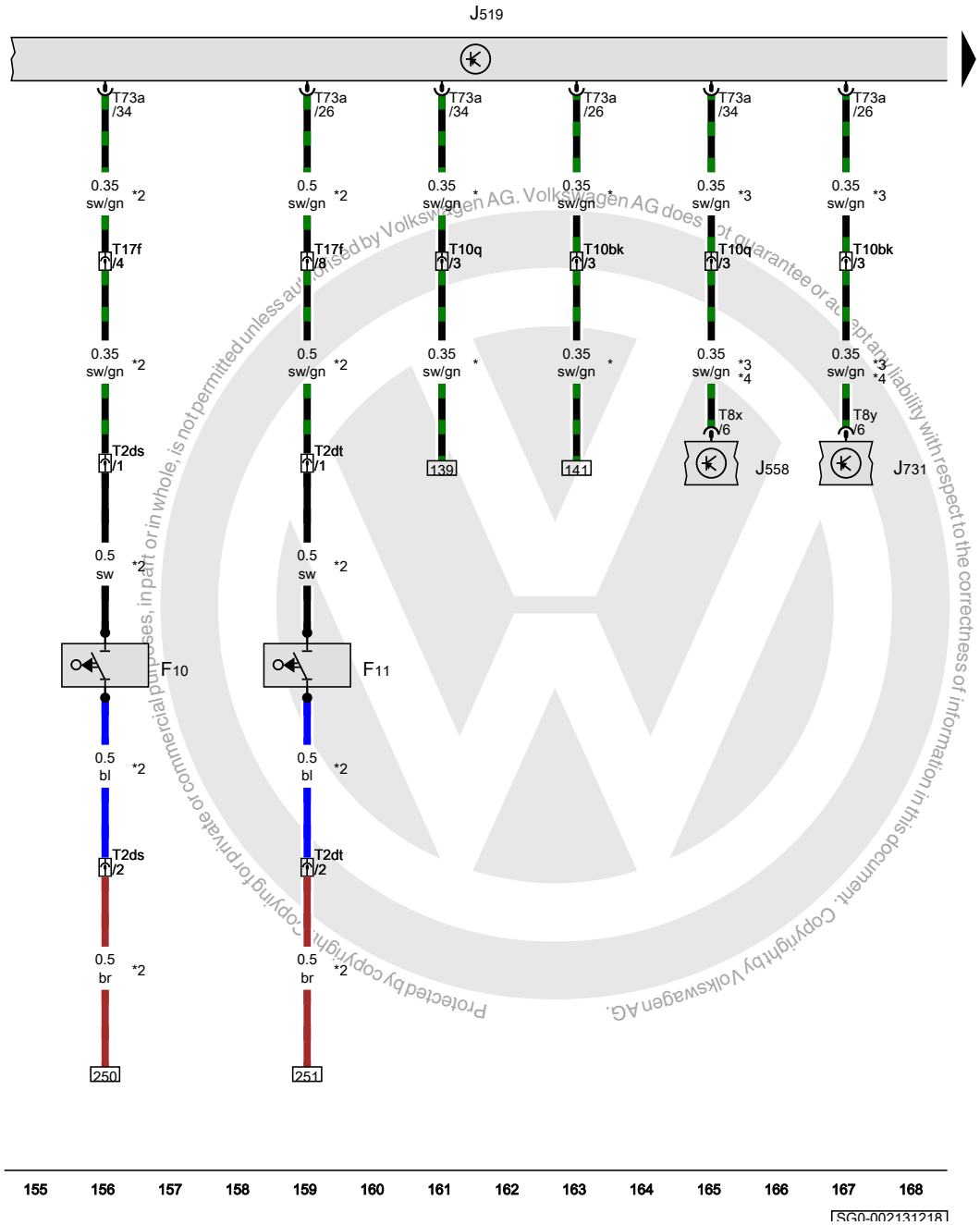

Rear left door contact switch, Rear right door contact switch, Left sliding door control unit, Right sliding door control unit

F10	Rear left door contact switch
F11	Rear right door contact switch
J519	Onboard supply control unit
J558	Left sliding door control unit
J731	Right sliding door control unit
T2ds	2-pin connector, black, on left C-pillar
T2dt	2-pin connector, black, on right C-pillar
T8x	8-pin connector, black
T8y	8-pin connector, black
T10bk	10-pin connector, grey, under seat on front right
T10q	10-pin connector, green, under seat on front left
T17f	17-pin connector, brown, under seat on front left
T73a	73-pin connector, black
*	For models with manual sliding door and anti-theft alarm system
*2	For models with manual sliding door and with no anti-theft alarm system/electric sliding door/power latching system
*3	For models with power latching system and with no electric sliding door
*4	see applicable current flow diagram

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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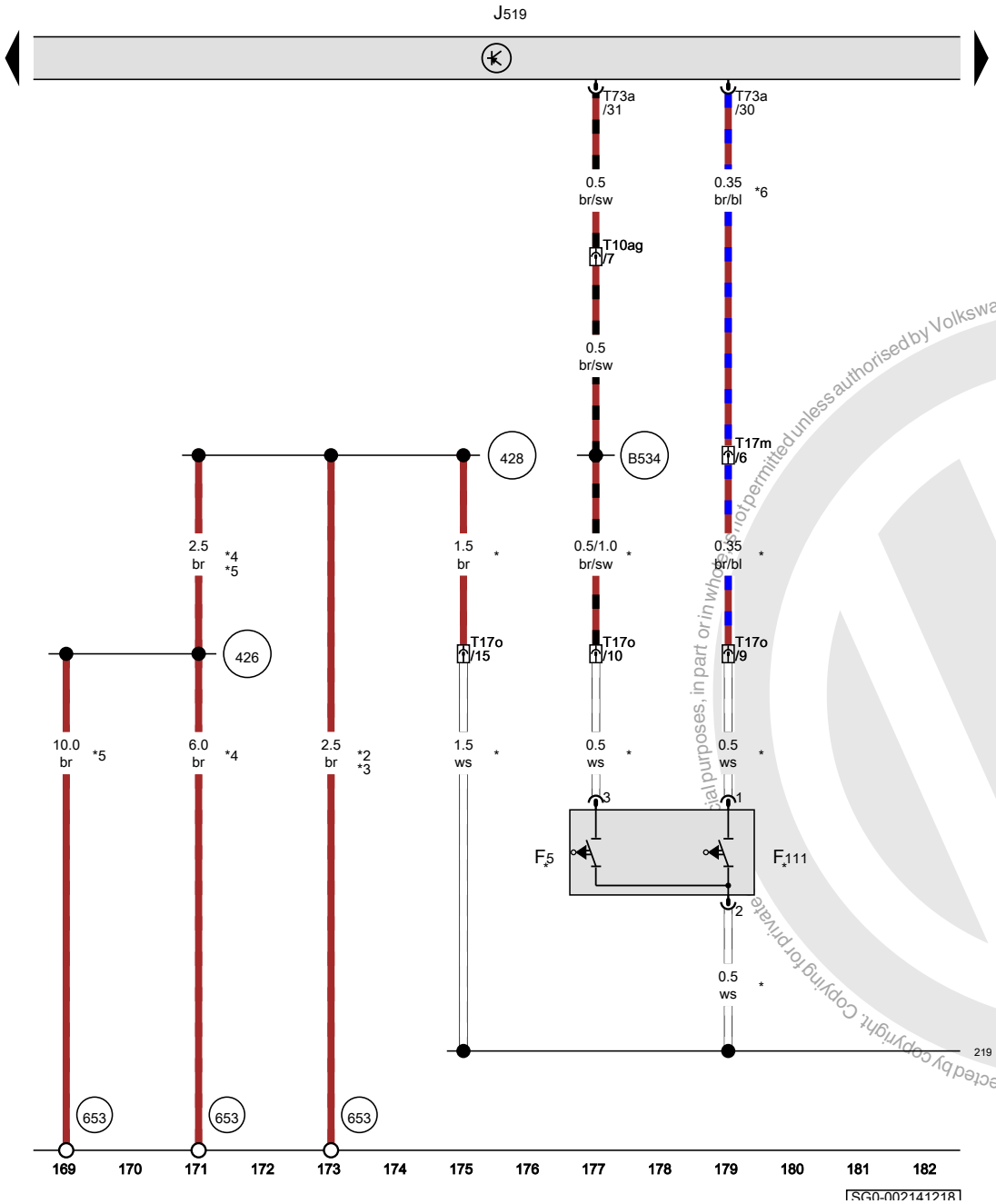

Luggage compartment light switch, Rear lid contact switch

F5	Luggage compartment light switch
F111	Rear lid contact switch
J519	Onboard supply control unit
T10ag	10-pin connector, brown, in left A-pillar coupling station
T17m	17-pin connector, red, in left A-pillar coupling station
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
T73a	73-pin connector, black
219	Earth connection 2, in rear lid wiring harness
426	Earth connection 3, in left rear end wiring harness
428	Earth connection 4, in left rear end wiring harness
653	Earth point, on left D-pillar
B534	Connection 1 (luggage compartment switch), in roof wiring harness
*	For models with rear lid; for models with wing doors see current flow diagram for wing doors
*2	For models with no trailer socket
*3	For models with no heated rear window
*4	For models with trailer socket or heated rear window
*5	For models with trailer socket and heated rear window
*6	For models with no electric sliding doors/power latching system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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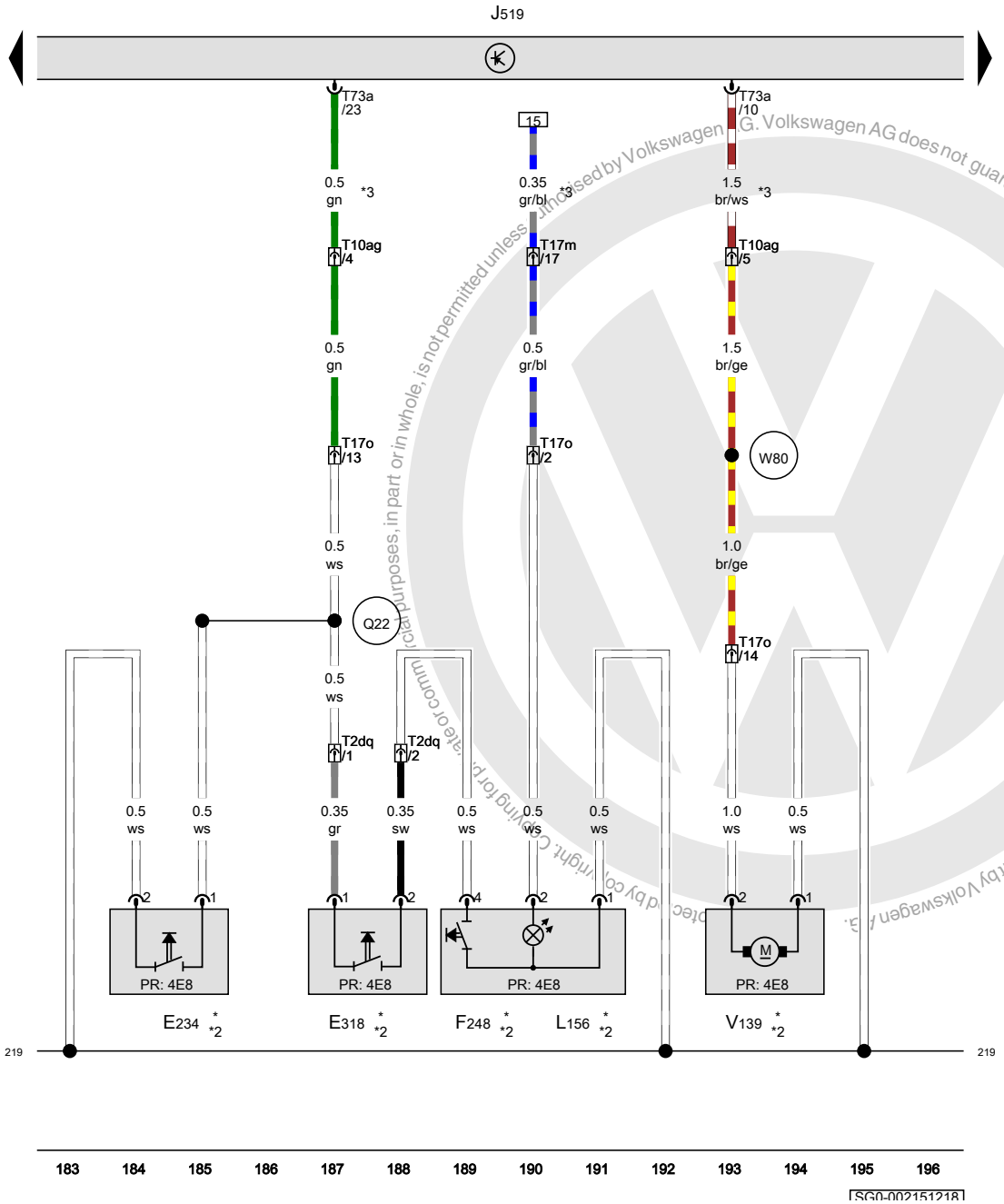

Rear lid handle release button, Childproof lock button, Release button for rear lid lock cylinder, Switch illumination bulb, Rear lid release motor

E234	Rear lid handle release button
E318	Childproof lock button
F248	Release button for rear lid lock cylinder
J519	Onboard supply control unit
L156	Switch illumination bulb
T2dq	2-pin connector, black, in rear lid
T10ag	10-pin connector, brown, in left A-pillar coupling station
T17m	17-pin connector, red, in left A-pillar coupling station
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
T73a	73-pin connector, black
V139	Rear lid release motor
219	Earth connection 2, in rear lid wiring harness
Q22	Connection 1, in rear lid wiring harness
W80	Connection 2 in rear wiring harness
*	For models with childproof locks
*2	For models with rear lid; for models with wing doors see current flow diagram for wing doors
*3	For models with no electric rear lid opener

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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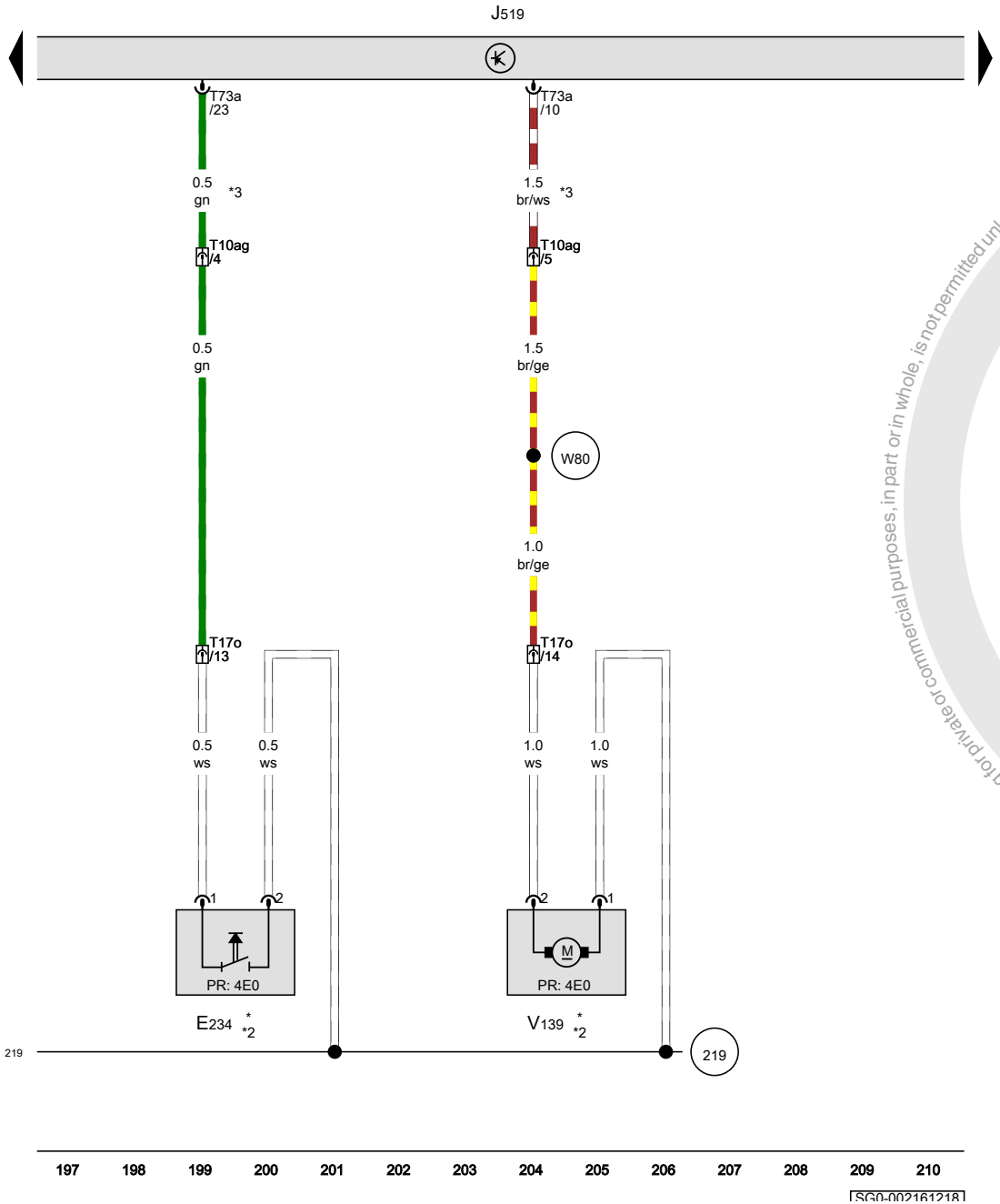

Rear lid handle release button, Rear lid release motor

E234	Rear lid handle release button
J519	Onboard supply control unit
T10ag	10-pin connector, brown, in left A-pillar coupling station
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
T73a	73-pin connector, black
V139	Rear lid release motor
219	Earth connection 2, in rear lid wiring harness
W80	Connection 2 in rear wiring harness
*	For models with no childproof locks
*2	For models with rear lid; for models with wing doors see current flow diagram for wing doors
*3	For models with no electric rear lid opener

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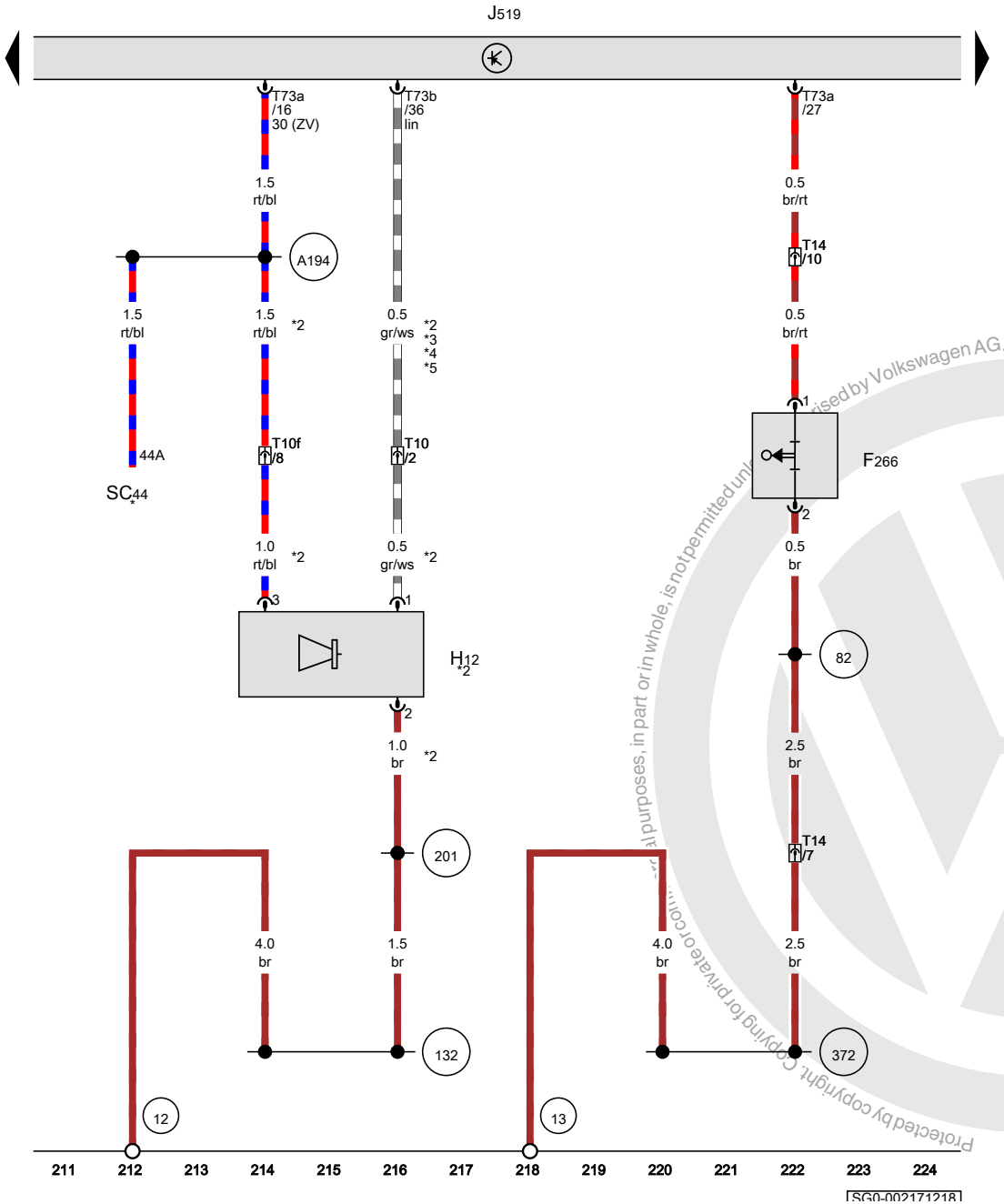

Bonnet contact switch, Alarm horn, Fuse 44 on fuse holder C

F266	Bonnet contact switch
H12	Alarm horn
J519	Onboard supply control unit
SC44	Fuse 44 on fuse holder C
T10	10-pin connector, black, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T14	14-pin connector, black, near horn, dual tone horn
T73a	73-pin connector, black
T73b	73-pin connector, white
12	Earth point, on left in engine compartment
13	Earth point, on right in engine compartment
82	Earth connection 1, in front left wiring harness
132	Earth connection 3, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
372	Earth connection 7, in main wiring harness
A194	Connection (convenience system) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with anti-theft alarm system
*3	For models with no multifunction steering wheel
*4	For models with no cruise control system
*5	see applicable current flow diagram

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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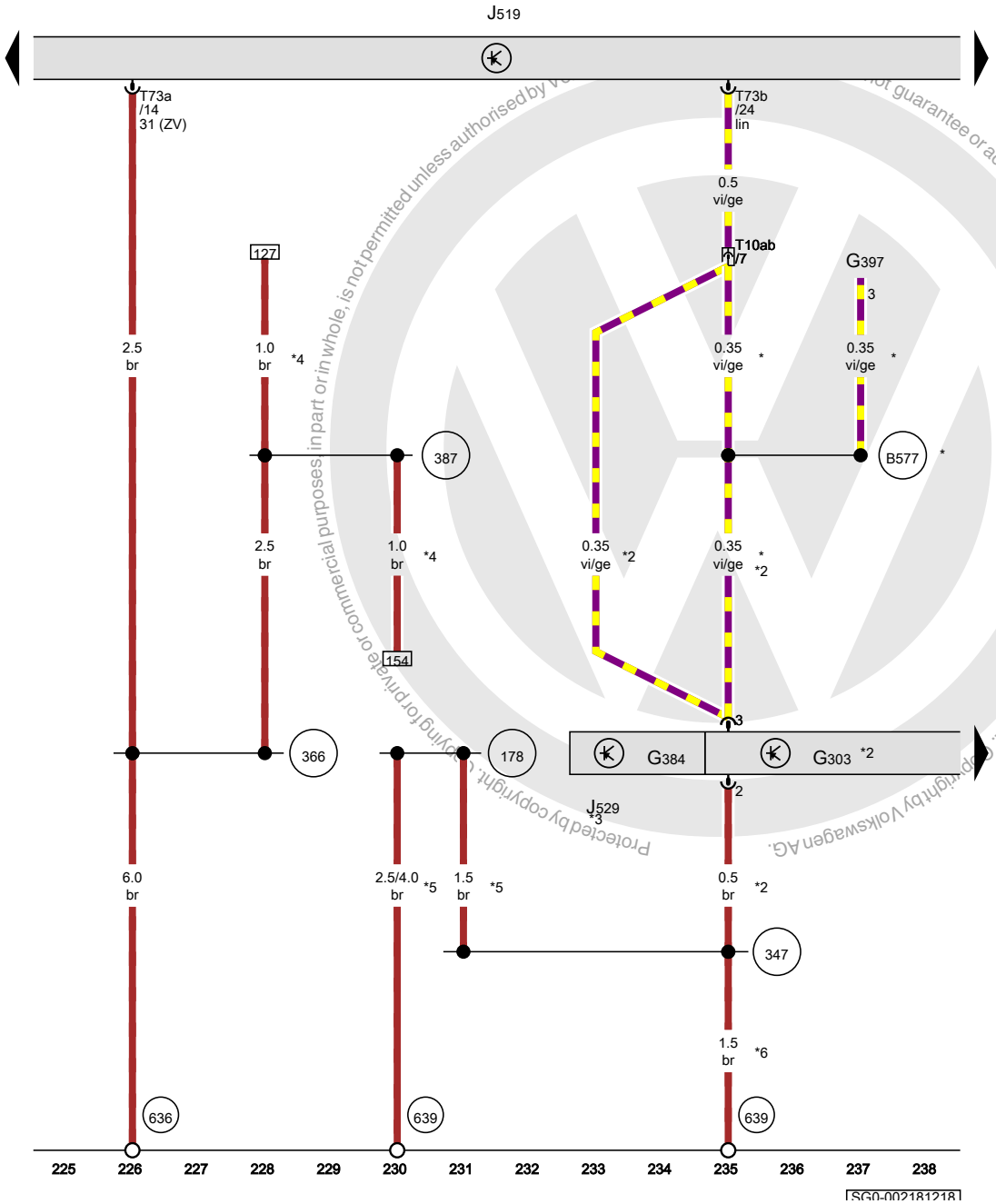

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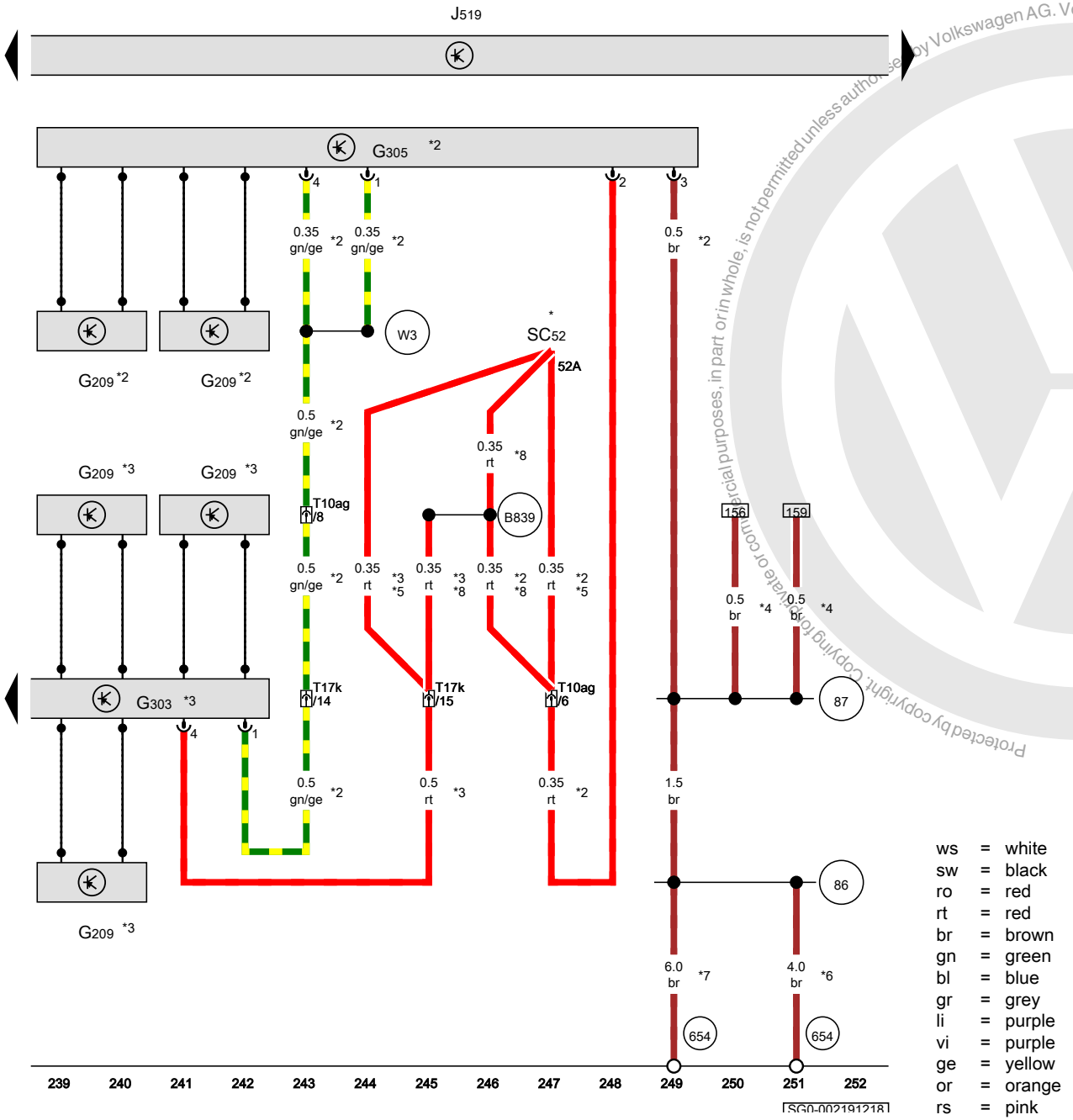
or	=	orange
rs	=	pink

Interior monitor send and receive module 1, Vehicle inclination sender, Rain and light sensor, Anti-theft and tilt system control unit

G303	Interior monitor send and receive module 1, near front interior light
G384	Vehicle inclination sender, near front interior light
G397	Rain and light sensor
J519	Onboard supply control unit
J529	Anti-theft and tilt system control unit, near front interior light
T10ab	10-pin connector, white, in left A-pillar coupling station
T73a	73-pin connector, black
T73b	73-pin connector, white
178	Earth connection, in sliding sunroof wiring harness
347	Earth connection, in roof wiring harness
366	Earth connection 1, in main wiring harness
387	Earth connection 22, in main wiring harness
636	Earth point, onboard supply control unit
639	Earth point, left A-pillar
B577	LIN bus connection, in roof wiring harness
*	For models with rain sensor
*2	For models with anti-theft alarm system
*3	For models with anti-theft alarm system and tow-away protection
*4	For models with no electric sliding doors/power latching system
*5	For models with sliding/tilting sunroof
*6	For models with no sliding/tilting sunroof



Anti-theft alarm ultrasonic sensor, Interior monitor send and receive module 1, Interior monitor send and receive module 2, Fuse 52 on fuse holder C

G209	Anti-theft alarm ultrasonic sensor
G303	Interior monitor send and receive module 1, near front interior light
G305	Interior monitor send and receive module 2, on rear roof module
J519	Onboard supply control unit
SC52	Fuse 52 on fuse holder C
T10ag	10-pin connector, brown, in left A-pillar coupling station
T17k	17-pin connector, green, in left A-pillar coupling station
86	Earth connection 1, in rear wiring harness
87	Earth connection 2, in rear wiring harness
654	Earth point, on right D-pillar
B839	Positive connection 20 (30), in main wiring harness
W3	Connection in rear wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For Multivan and Shuttle
*3	For models with anti-theft alarm system
*4	For models with manual sliding door and with no anti-theft alarm system/electric sliding door/power latching system
*5	Up to June 2016
*6	For models with no electric sliding doors/power latching system
*7	For models with electric sliding door/power latching system
*8	From June 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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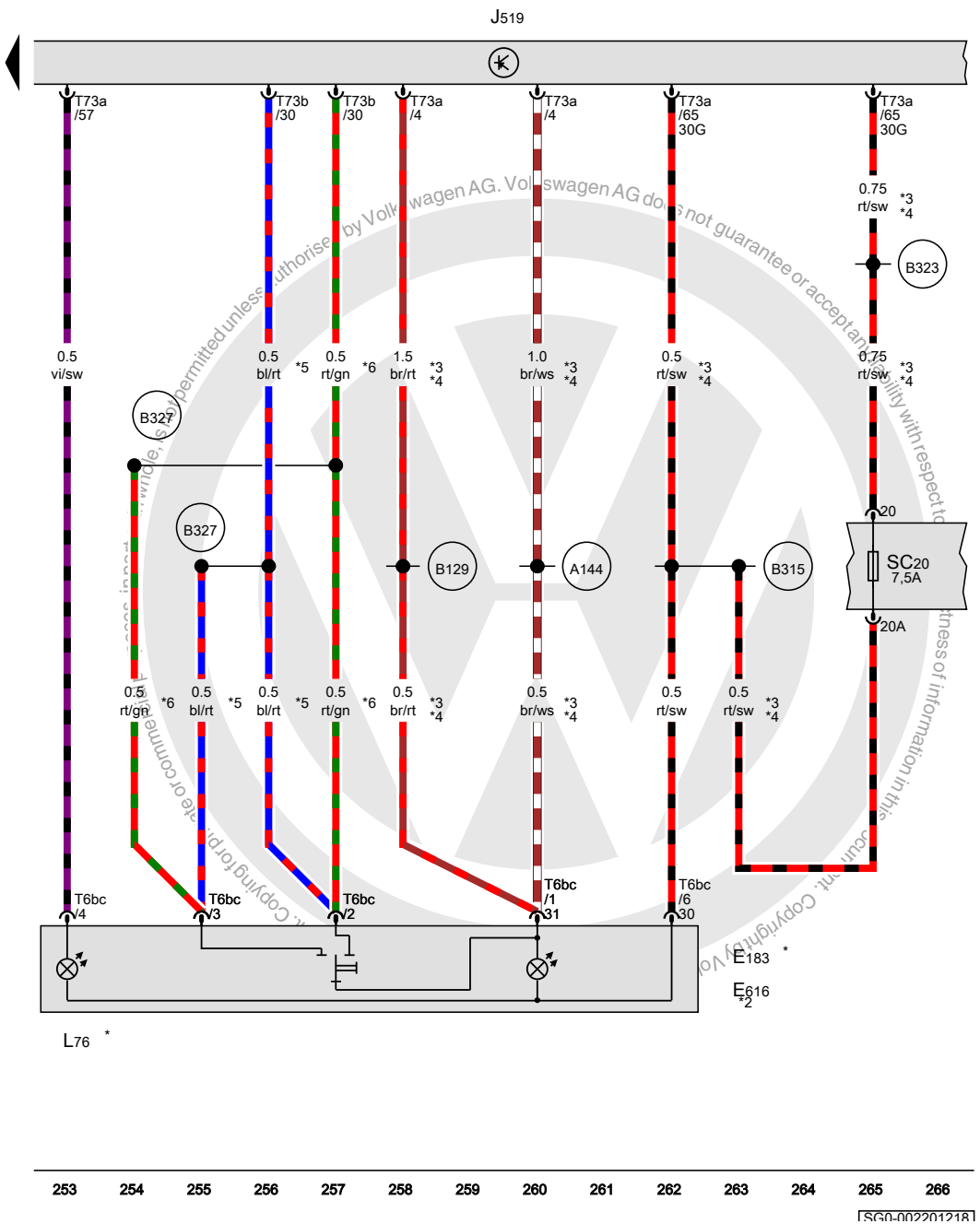

Interior monitoring switch, Button for deactivating interior monitoring and vehicle inclination sensor, Button illumination bulb, Fuse 20 on fuse holder C

E183	Interior monitoring switch
E616	Button for deactivating interior monitoring and vehicle inclination sensor
J519	Onboard supply control unit
L76	Button illumination bulb
SC20	Fuse 20 on fuse holder C
T6bc	6-pin connector, blue
T73a	73-pin connector, black
T73b	73-pin connector, white
A144	Connection (interior monitoring) in dash panel wiring harness
B129	Connection (interior light, 31l), in interior wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B323	Positive connection 9 (30a) in main wiring harness
B327	Positive connection 13 (30a) in main wiring harness
*	For models with anti-theft alarm system
*2	For models with anti-theft alarm system and tow-away protection
*3	According to equipment
*4	see applicable current flow diagram for interior lights
*5	For models with double cab/dropside
*6	For Multivan, panel van and Kombi models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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Background lighting , (9CE),(9CG)

From June 2015

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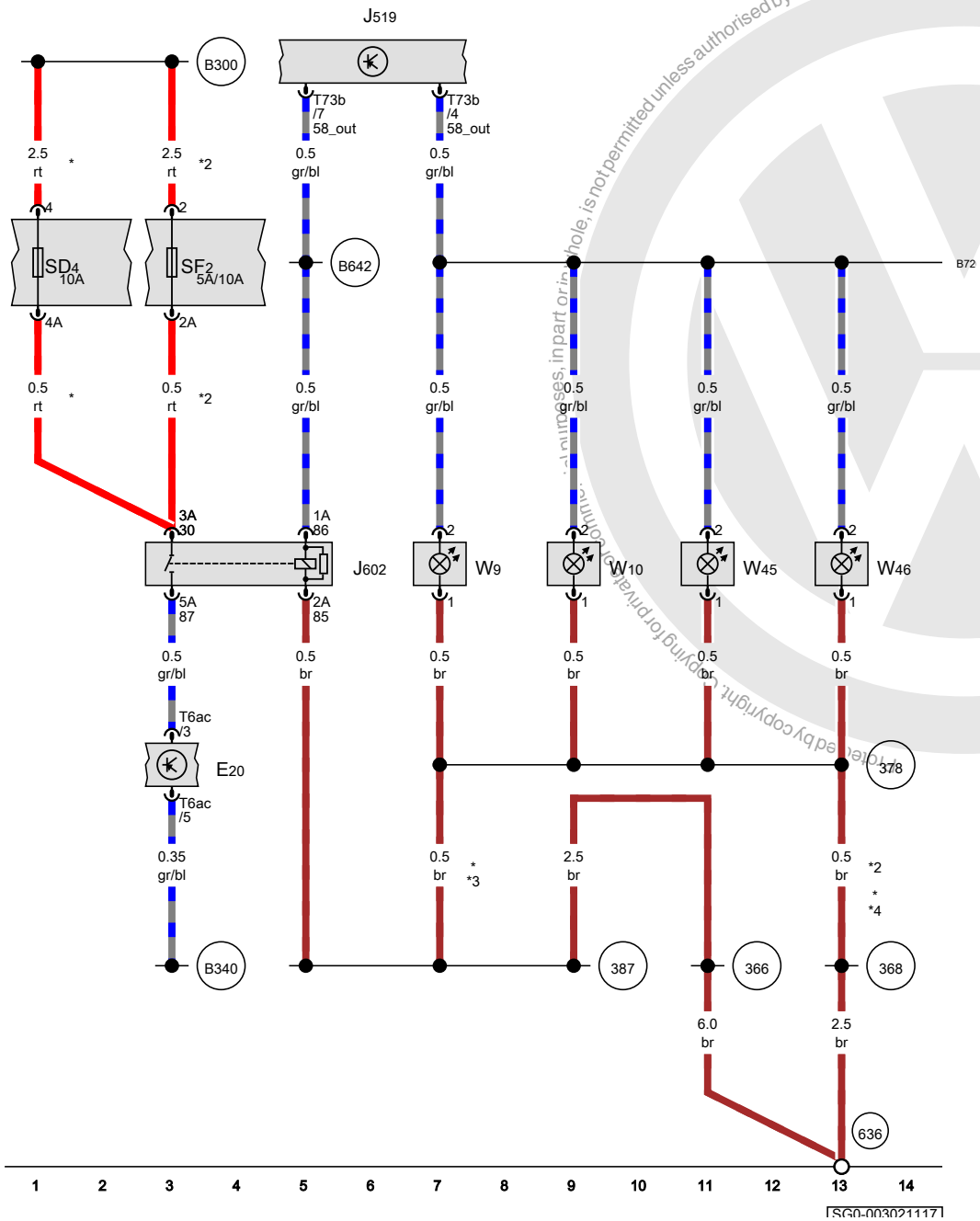

Switch and instrument illumination regulator, Onboard supply control unit, Left footwell light, Right footwell light, Rear left footwell light, Rear right footwell light

E20	Switch and instrument illumination regulator
J519	Onboard supply control unit
J602	Interior light relay
SF2	Fuse 2 in fuse holder F
SD4	Fuse 4 on fuse holder D
T6ac	6-pin connector, black
T73b	73-pin connector, white
W9	Left footwell light
W10	Right footwell light
W45	Rear left footwell light
W46	Rear right footwell light
366	Earth connection 1, in main wiring harness
368	Earth connection 3, in main wiring harness
378	Earth connection 13, in main wiring harness
387	Earth connection 22, in main wiring harness
636	Earth point, onboard supply control unit
B300	Positive connection 4 (30), in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B642	Positive connection (58), in main wiring harness
B726	Positive connection 2 (58), in main wiring harness
*	For right-hand drive models
*2	For left-hand drive models
*3	Up to June 2016
*4	From June 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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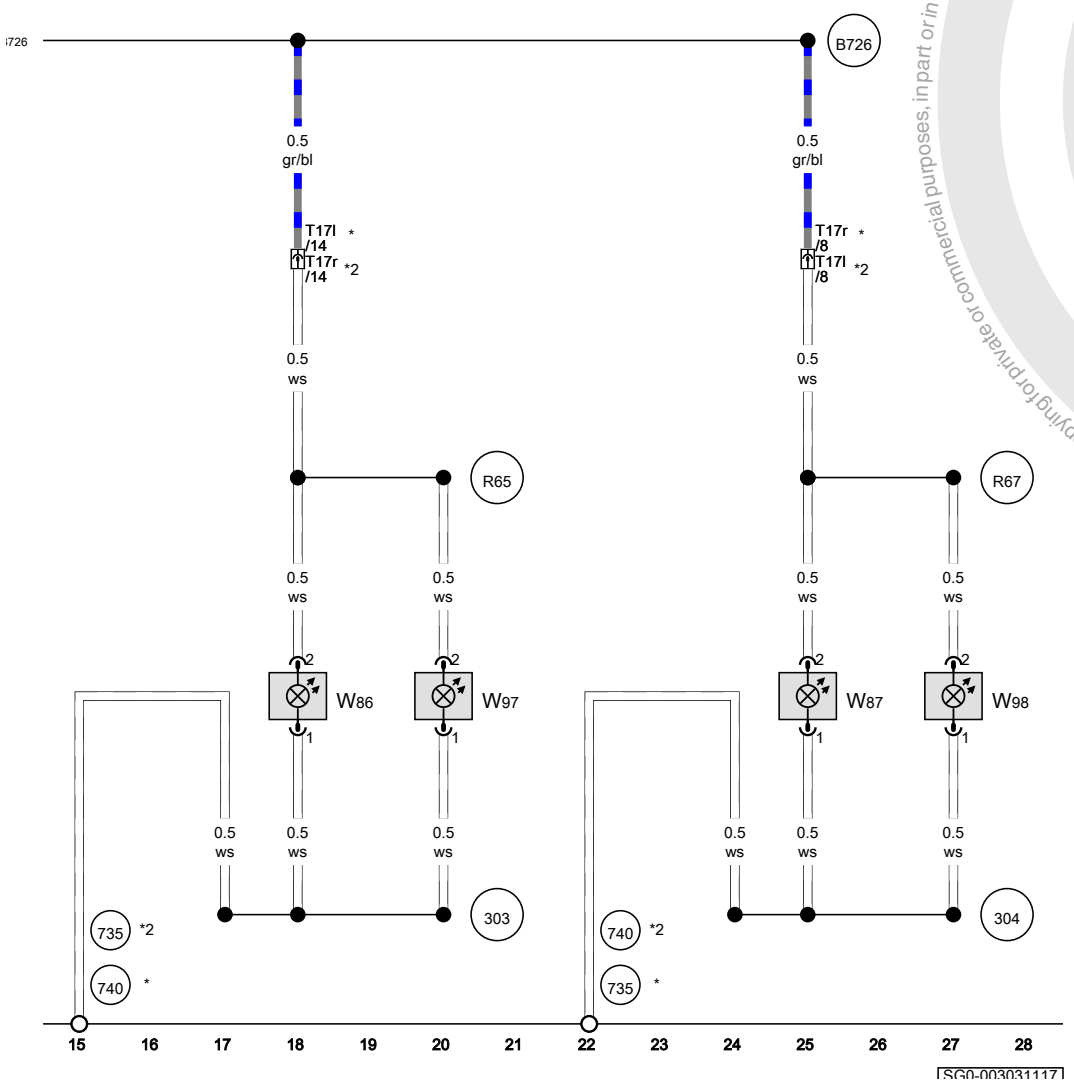

Light for driver door background lighting, Light for passenger door background lighting, Light 2 for driver door background lighting, Light 2 for passenger door background lighting

T17l	17-pin connector, black, on left A-pillar
T17r	17-pin connector, black, on right A-pillar
W86	Light for driver door background lighting
W87	Light for passenger door background lighting
W97	Light 2 for driver door background lighting
W98	Light 2 for passenger door background lighting
303	Earth connection 3, in drive side door wiring harness
304	Earth connection 3, in front passenger side door wiring harness
735	Earth point in front right door
740	Earth point 2 in front left door
B726	Positive connection 2 (58), in main wiring harness
R65	Positive connection (58), in driver door wiring harness
R67	Positive connection (58), in front passenger door wiring harness
*	For left-hand drive models
*2	For right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Data bus network

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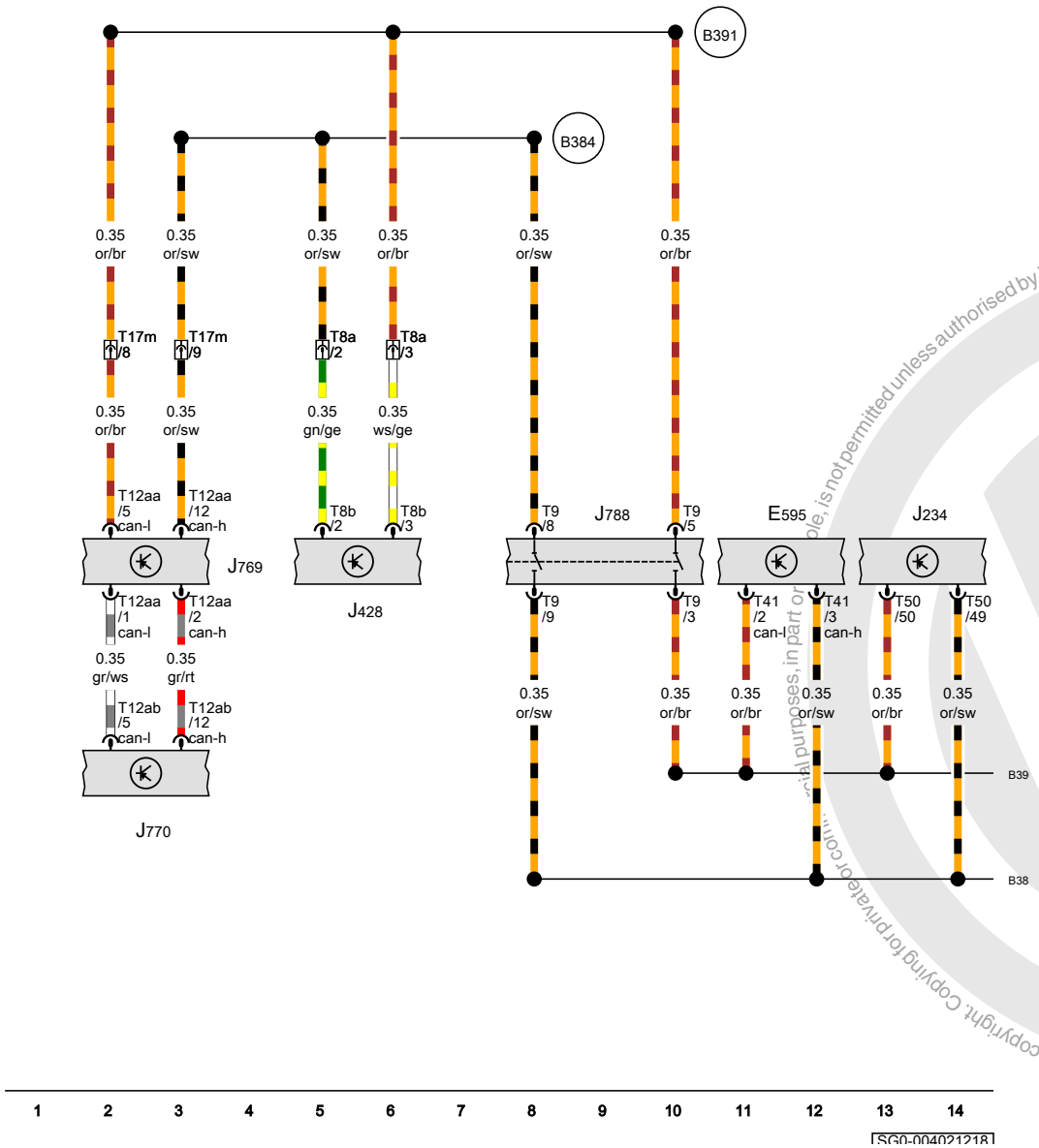
Steering column combination switch, Airbag control unit, Adaptive cruise control unit, Lane change assist control unit, Lane change assist control unit 2, Isolation relay for powertrain CAN bus

E595	Steering column combination switch
J234	Airbag control unit
J428	Adaptive cruise control unit
J769	Lane change assist control unit
J770	Lane change assist control unit 2
J788	Isolation relay for powertrain CAN bus
T8a	8-pin connector, black, near horn, dual tone horn
T8b	8-pin connector, black
T9	9-pin connector, black
T12aa	12-pin connector, black
T12ab	12-pin connector, black
T17m	17-pin connector, red, on left A-pillar
T41	41-pin connector, grey
T50	50-pin connector, yellow
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B384	Connection 2 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B391	Connection 2 (powertrain CAN bus, low), in main wiring harness



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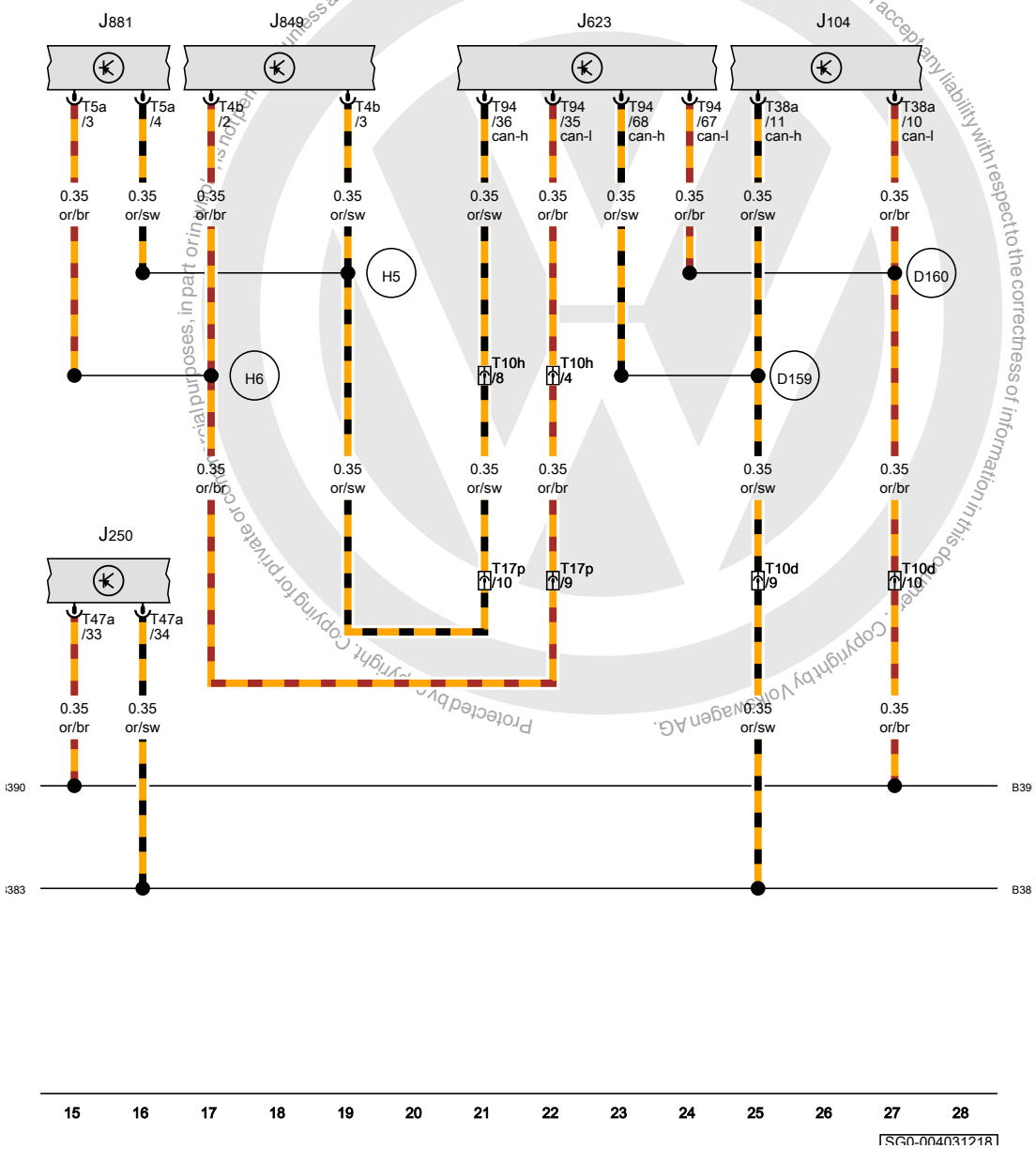

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ABS control unit, Electronically controlled damping control unit, Engine/motor control unit, Control unit for sensor electronics, Control unit for NOx sender 2

J104	ABS control unit
J250	Electronically controlled damping control unit
J623	Engine/motor control unit, in E-box in engine compartment
J849	Control unit for sensor electronics
J881	Control unit for NOx sender 2
T4b	4-pin connector, black
T5a	5-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T17p	17-pin connector, red, under seat on front left
T38a	38-pin connector, black
T47a	47-pin connector, black
T94	94-pin connector, black
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
H5	Connection 3 in wiring harness for reducing agent tank
H6	Connection 4 in wiring harness for reducing agent tank

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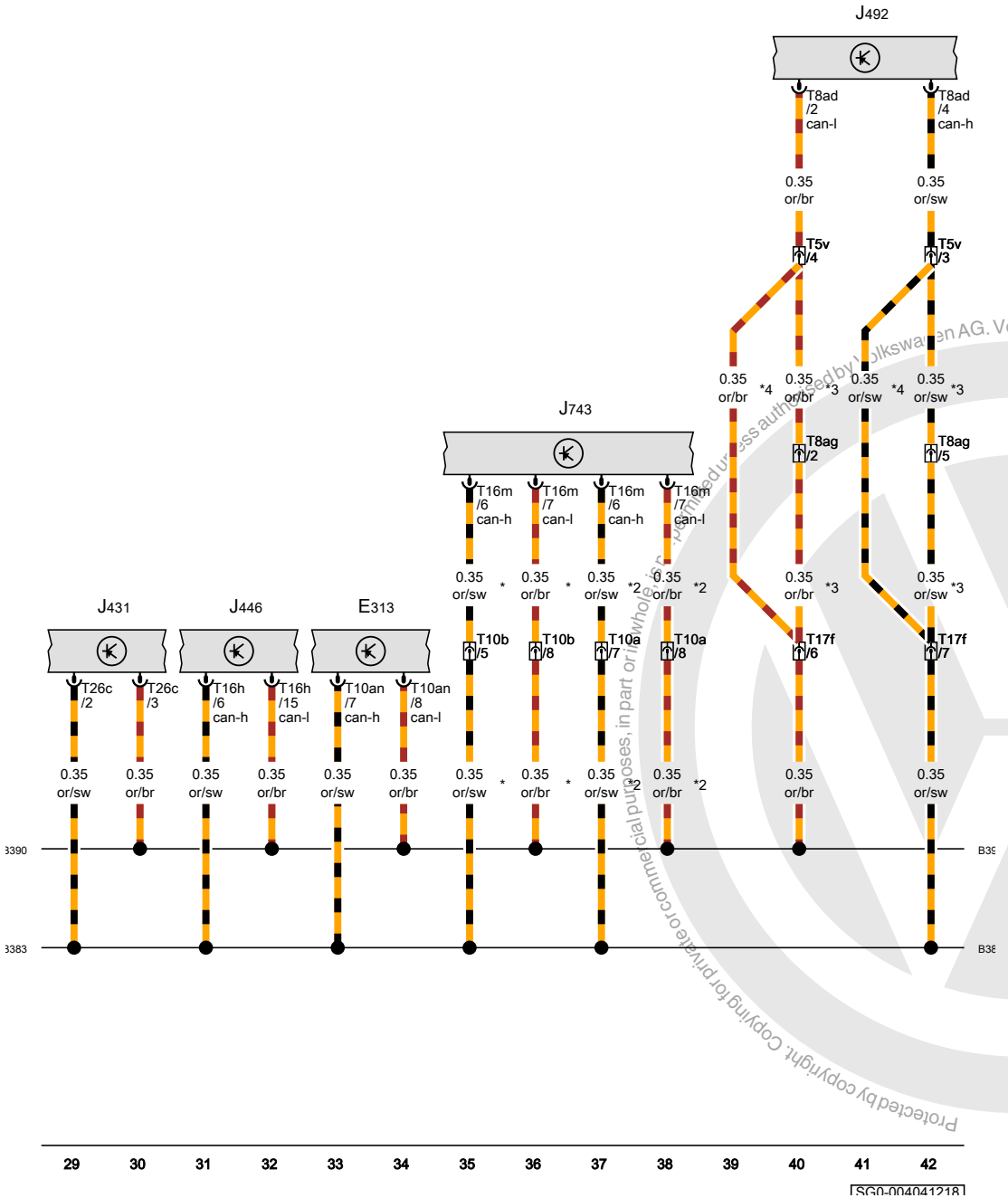

Selector lever, Headlight range control unit, Parking aid control unit, All-wheel drive control unit, Mechatronic unit for dual clutch gearbox

E313	Selector lever
J431	Headlight range control unit
J446	Parking aid control unit
J492	All-wheel drive control unit
J743	Mechatronic unit for dual clutch gearbox
T5v	5-pin connector, black
T8ad	8-pin connector, black
T8ag	8-pin connector, black, behind lower section of left D-pillar trim
T10a	10-pin connector, brown, in E-box in engine compartment
T10an	10-pin connector, black
T10b	10-pin connector, red, in E-box in engine compartment
T16h	16-pin connector, brown
T16m	16-pin connector, black, on electronic gearbox control unit
T17f	17-pin connector, brown, under seat on front left
T26c	26-pin connector, black
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	For models with diesel engine
*2	For models with petrol engine
*3	For Multivan, panel van and Kombi models
*4	For models with double cab/dropside

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sw	=	black
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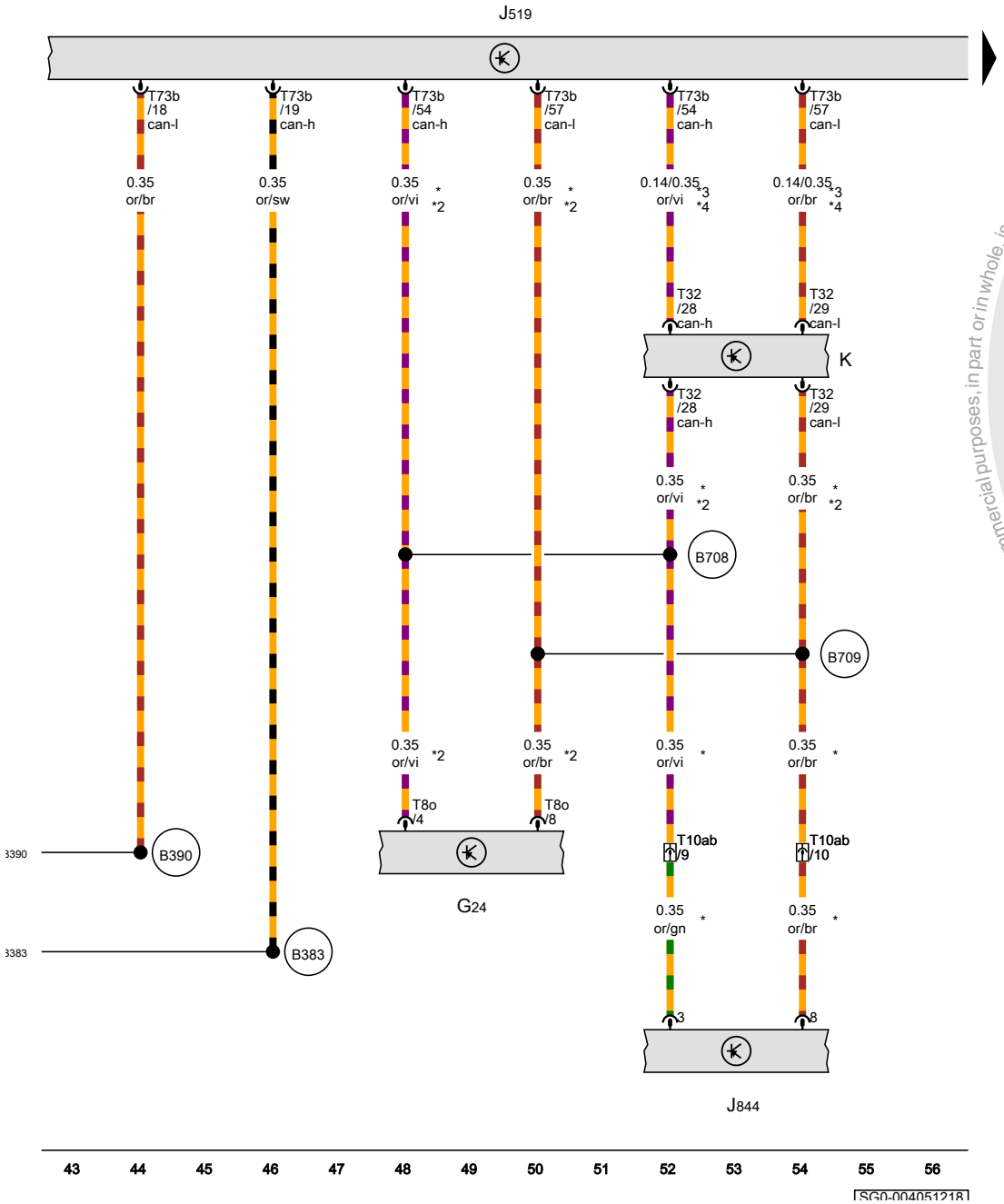
Tachograph, Onboard supply control unit, Main beam assist control unit, Dash panel insert



G24	Tachograph
J519	Onboard supply control unit
J844	Main beam assist control unit
K	Dash panel insert
T8o	8-pin connector, white
T10ab	10-pin connector, white, in left A-pillar coupling station
T32	32-pin connector, blue
T73b	73-pin connector, white
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	For models with main beam assist
*2	For models with tachograph
*3	For models with no main beam assist
*4	For models with no tachograph

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gn	=	green
bl	=	blue
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or	=	orange
rs	=	pink

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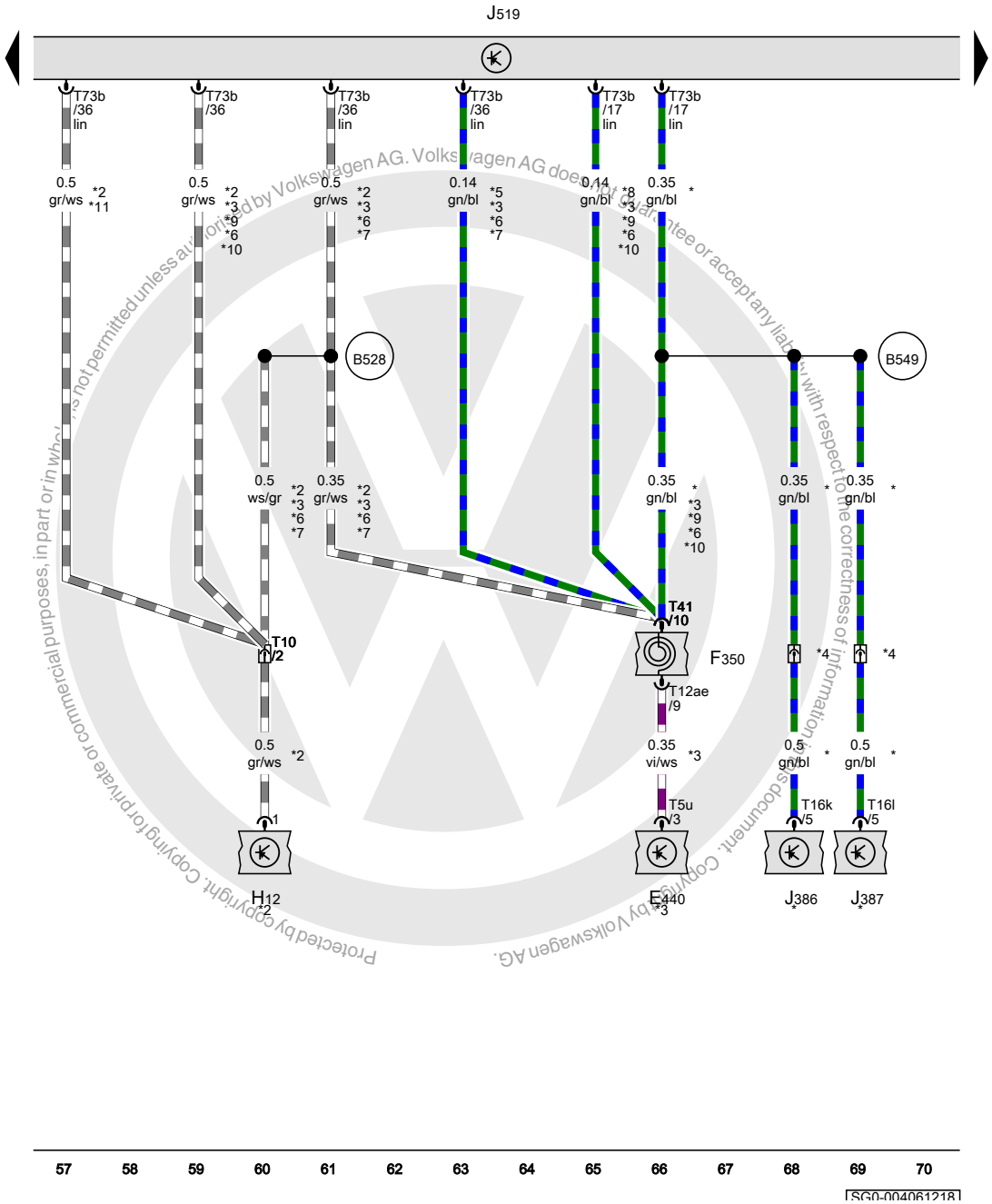

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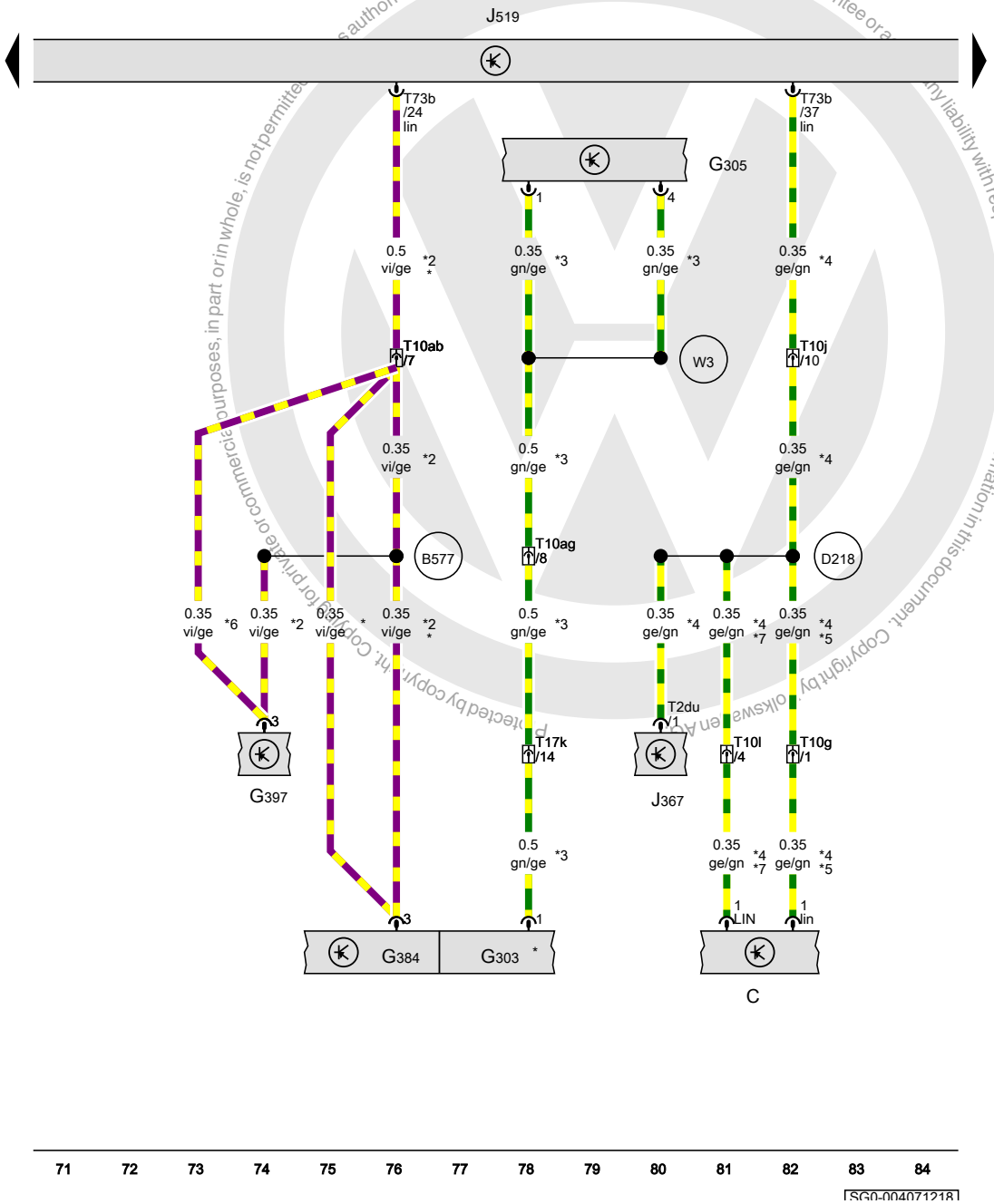
Multifunction buttons on left in steering wheel, Coil connector, Alarm horn, Driver door control unit, Front passenger door control unit, Onboard supply control unit

E440	Multifunction buttons on left in steering wheel
F350	Coil connector, in steering wheel
H12	Alarm horn
J386	Driver door control unit
J387	Front passenger door control unit
J519	Onboard supply control unit
T5u	5-pin connector, black
T10	10-pin connector, black, in E-box in engine compartment
T12ae	12-pin connector, yellow
T16k	16-pin connector, black
T16l	16-pin connector, black
T41	41-pin connector, grey
T73b	73-pin connector, white
B528	Connection 1 (LIN bus) in main wiring harness
B549	Connection 2 (LIN bus) in main wiring harness
*	For models with electric window regulators
*2	For models with anti-theft alarm system
*3	For models with multifunction steering wheel
*4	see applicable current flow diagram for convenience system
*5	For models with no anti-theft alarm system
*6	For models with cruise control system
*7	For models with Euro 6 emission standard
*8	For models with no electric window regulators
*9	For models with no cruise control system
*10	For models with Euro 5 emission standard
*11	For models with no multifunction steering wheel

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Alternator, Interior monitor send and receive module 1, Interior monitor send and receive module 2, Vehicle inclination sender, Rain and light sensor, Battery monitor control unit, Onboard supply control unit

C	Alternator
G303	Interior monitor send and receive module 1, near front interior light
G305	Interior monitor send and receive module 2, on rear roof module
G384	Vehicle inclination sender, near front interior light
G397	Rain and light sensor
J367	Battery monitor control unit
J519	Onboard supply control unit
T2du	2-pin connector, black
T10ab	10-pin connector, white, in left A-pillar coupling station
T10ag	10-pin connector, brown, in left A-pillar coupling station
T10g	10-pin connector, grey, in E-box in engine compartment
T10j	10-pin connector, dark brown, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T17k	17-pin connector, green, in left A-pillar coupling station
T73b	73-pin connector, white
B577	LIN bus connection, in roof wiring harness
D218	Connection 1 (LIN bus) in engine compartment wiring harness
W3	Connection in rear wiring harness
*	For models with anti-theft alarm system
*2	For models with rain sensor
*3	For Multivan and Shuttle
*4	For models with start/stop system
*5	For models with diesel engine
*6	For models with no anti-theft alarm system
*7	For models with petrol engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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or	=	orange
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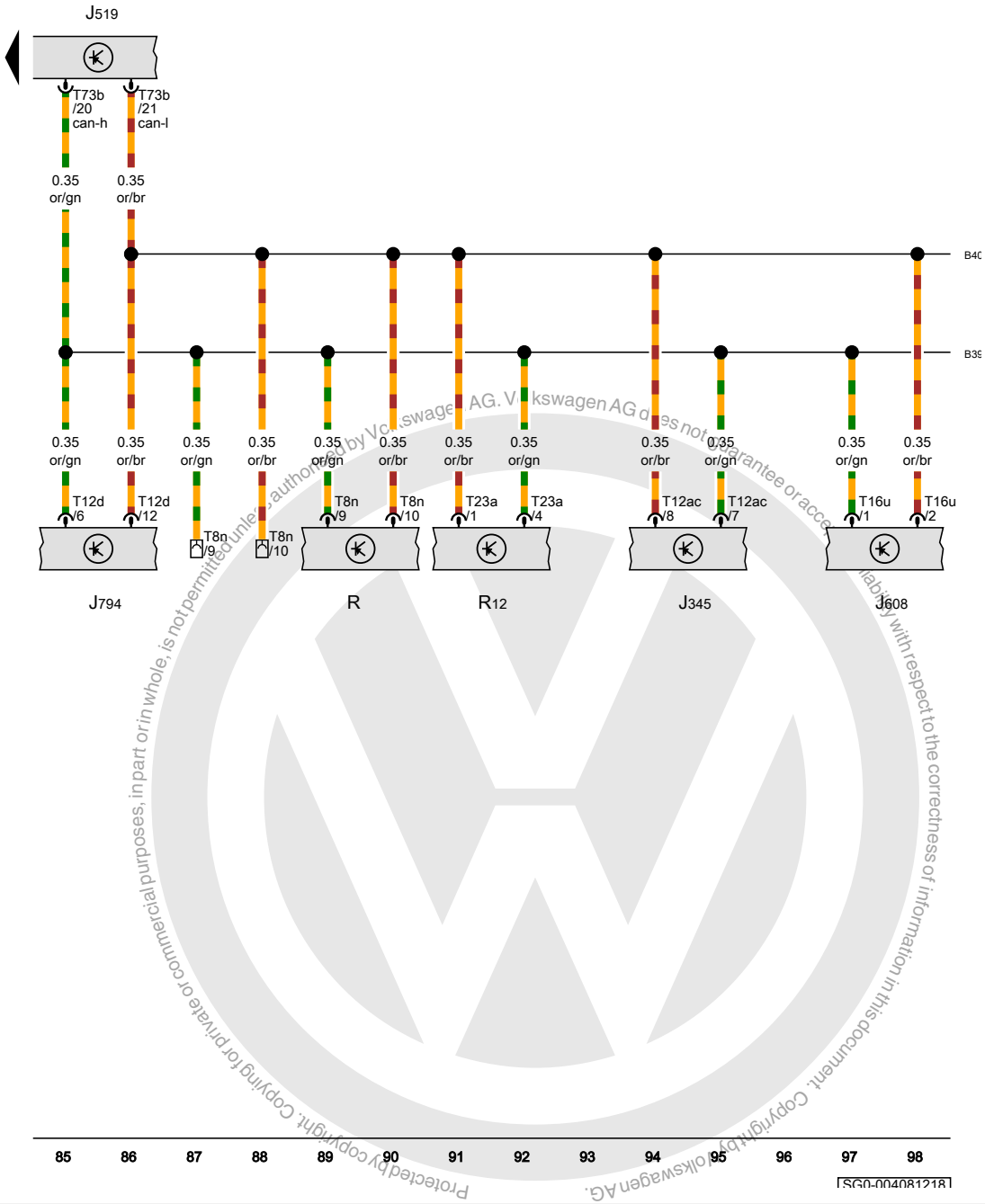

Trailer detector control unit, Onboard supply control unit, Special vehicle control unit, Control unit 1 for information electronics, Radio, Amplifier

J345	Trailer detector control unit
J519	Onboard supply control unit
J608	Special vehicle control unit
J794	Control unit 1 for information electronics
R	Radio
R12	Amplifier, under front passenger seat
T8n	8-pin connector, black, in slot for radio
T12ac	12-pin connector, red
T12d	12-pin connector, grey
T16u	16-pin connector, brown, under front passenger seat
T23a	23-pin connector, green
T73b	73-pin connector, white
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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or	=	orange
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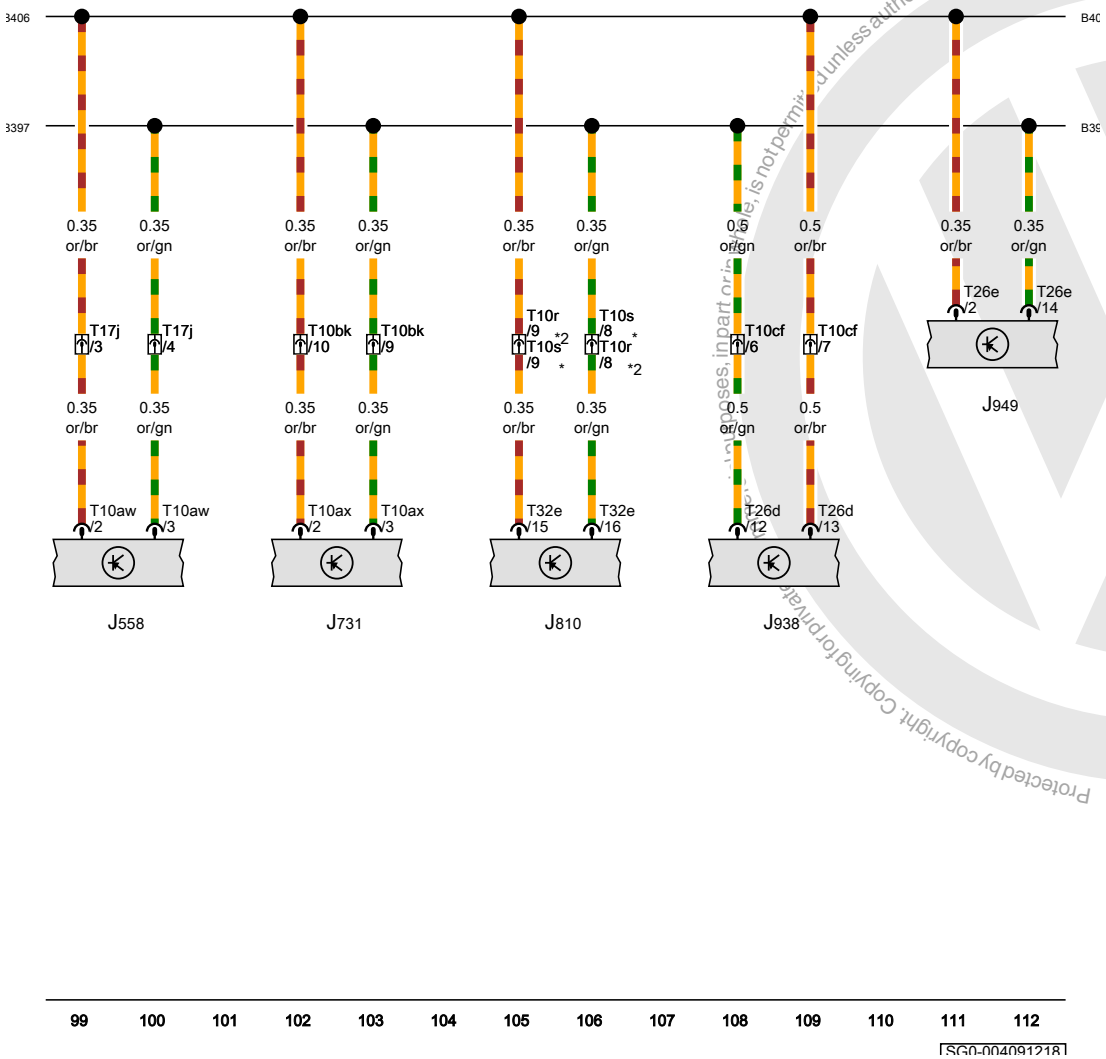
Left sliding door control unit, Right sliding door control unit, Driver seat adjustment control unit, Rear lid power opening control unit, Emergency call module control unit and communication unit



J558	Left sliding door control unit
J731	Right sliding door control unit
J810	Driver seat adjustment control unit
J938	Rear lid power opening control unit
J949	Emergency call module control unit and communication unit
T10aw	10-pin connector, black
T10ax	10-pin connector, black
T10bk	10-pin connector, grey, under seat on front right
T10cf	10-pin connector, green, under seat on front right
T10r	10-pin connector, black, under seat on front left
T10s	10-pin connector, black, under seat on front right
T17j	17-pin connector, white, under seat on front left
T26d	26-pin connector, black
T26e	26-pin connector, black
T32e	32-pin connector, grey
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	For right-hand drive models
*2	For left-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink

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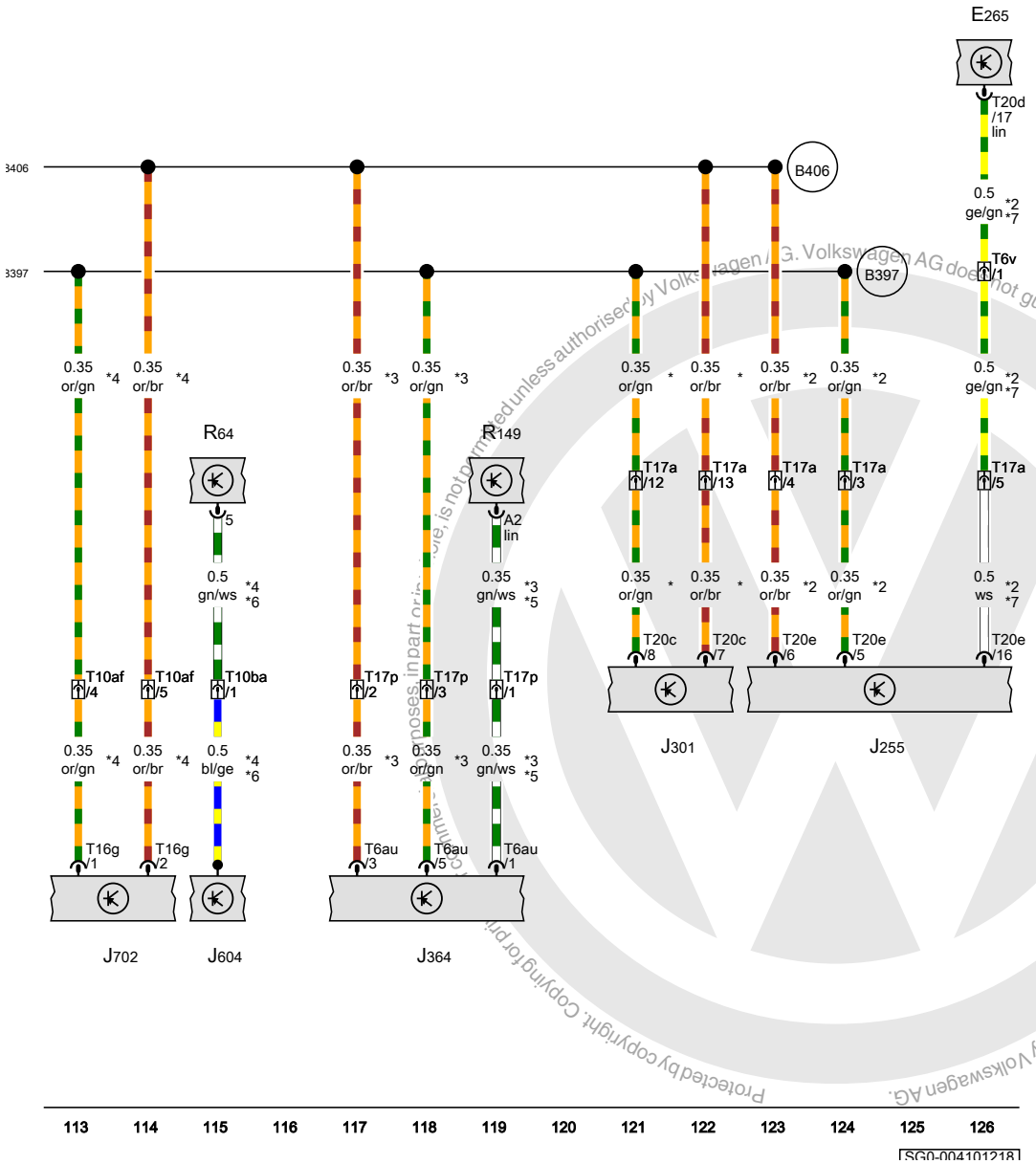
Operating and display unit for rear air conditioning system, Climatronic control unit, Air conditioning system control unit, Auxiliary heater control unit, Auxiliary air heater control unit, Roof display unit, Remote control receiver for auxiliary heater, Remote control receiver for auxiliary coolant heater



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br	=	brown
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or	=	orange
rs	=	pink

E265	Operating and display unit for rear air conditioning system
J255	Climatronic control unit
J301	Air conditioning system control unit
J364	Auxiliary heater control unit
J604	Auxiliary air heater control unit
J702	Roof display unit
R64	Remote control receiver for auxiliary heater
R149	Remote control receiver for auxiliary coolant heater
T6au	6-pin connector, black
T6v	6-pin connector, white, under seat on front right
T10af	10-pin connector, blue, in left A-pillar coupling station
T10ba	10-pin connector, blue, under seat on front right
T16g	16-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T17p	17-pin connector, red, under seat on front left
T20c	20-pin connector, black
T20d	20-pin connector, black
T20e	20-pin connector, black
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	For models with Climatic
*2	For models with Climatronic
*3	Only models with auxiliary coolant heater
*4	For models with auxiliary air heater
*5	For models with remote control receiver for auxiliary coolant heater
*6	For models with remote control receiver for auxiliary heater
*7	According to equipment

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2.0l diesel engine , CAAA,CAAB,CAAC,(7L3)

From June 2015

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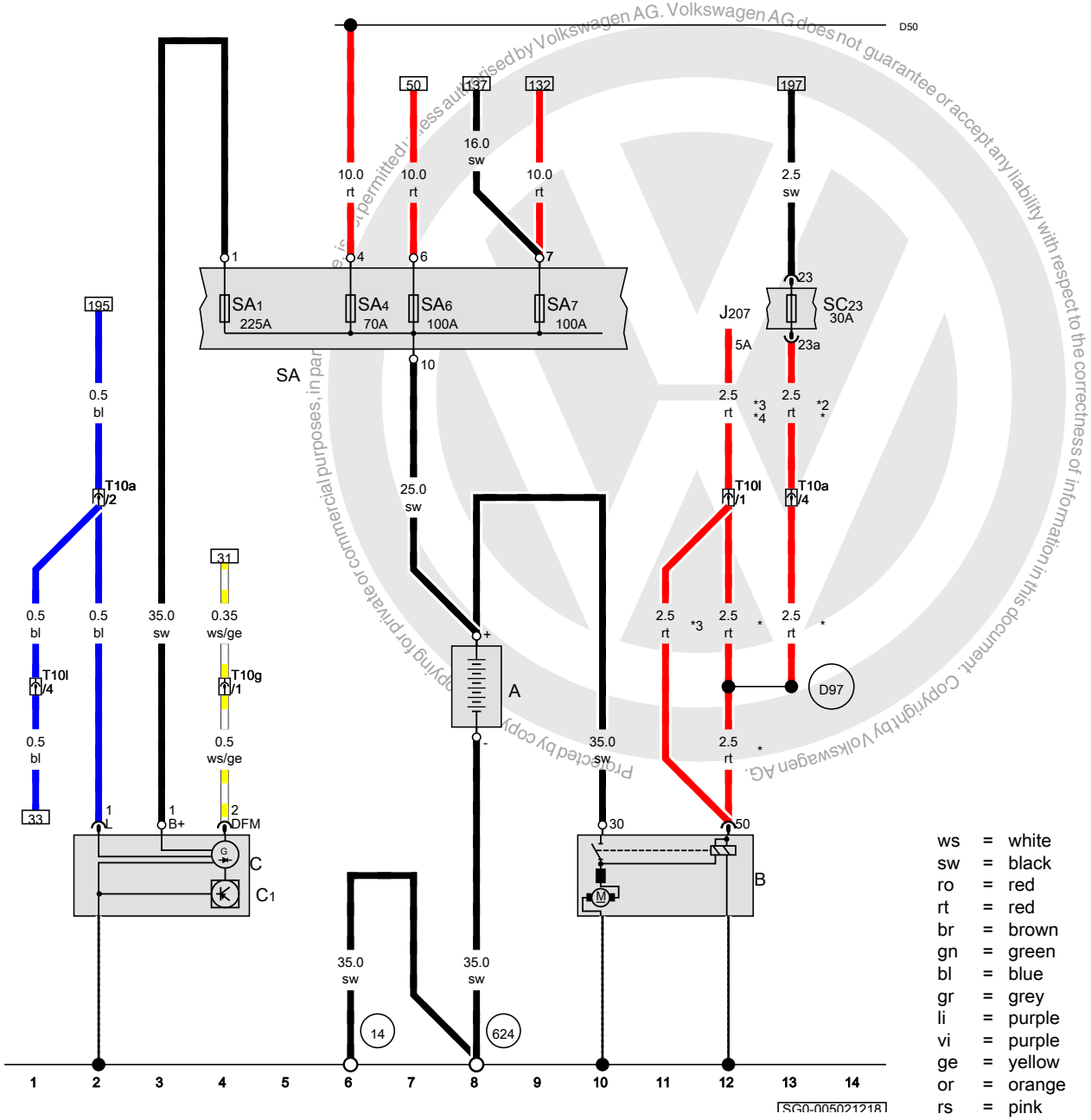
Battery, Starter, Alternator, Voltage regulator, Fuse 23 on fuse holder C



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sw	=	black
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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J207	Starter inhibitor relay, in E-box in engine compartment
SA	Fuse holder A, in E-box in engine compartment
SA1	Fuse 1 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SC23	Fuse 23 on fuse holder C
T10a	10-pin connector, brown, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
14	Earth point, on gearbox
624	Earth point, starter battery
D50	Positive connection (30), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
*	For models with manual gearbox
*2	For models with no electric interface
*3	For models with dual clutch gearbox (DSG)
*4	For models with electric interface for external use

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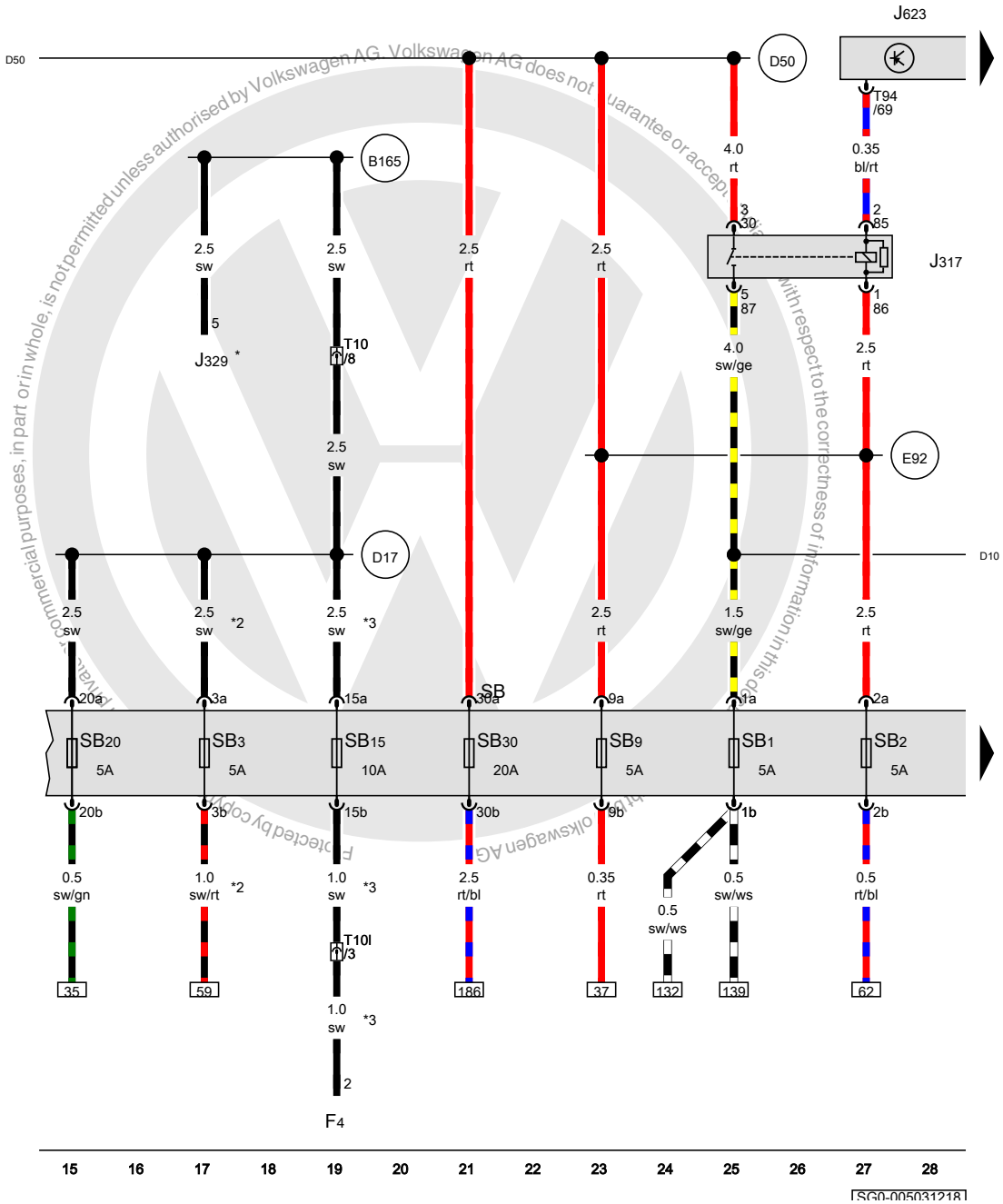

Terminal 30 voltage supply relay, Engine/motor control unit, Fuse holder B

F4	Reversing light switch
J317	Terminal 30 voltage supply relay, in E-box in engine compartment
J329	Terminal 15 voltage supply relay
J623	Engine/motor control unit, in E-box in engine compartment
SB	Fuse holder B, in E-box in engine compartment
SB1	Fuse 1 on fuse holder B
SB2	Fuse 2 on fuse holder B
SB3	Fuse 3 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB30	Fuse 30 on fuse holder B
T10	10-pin connector, black, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T94	94-pin connector, black
B165	Positive connection 2 (15), in interior wiring harness
D17	Positive connection 1 (15), in engine harness
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with crankcase breather heater element
*3	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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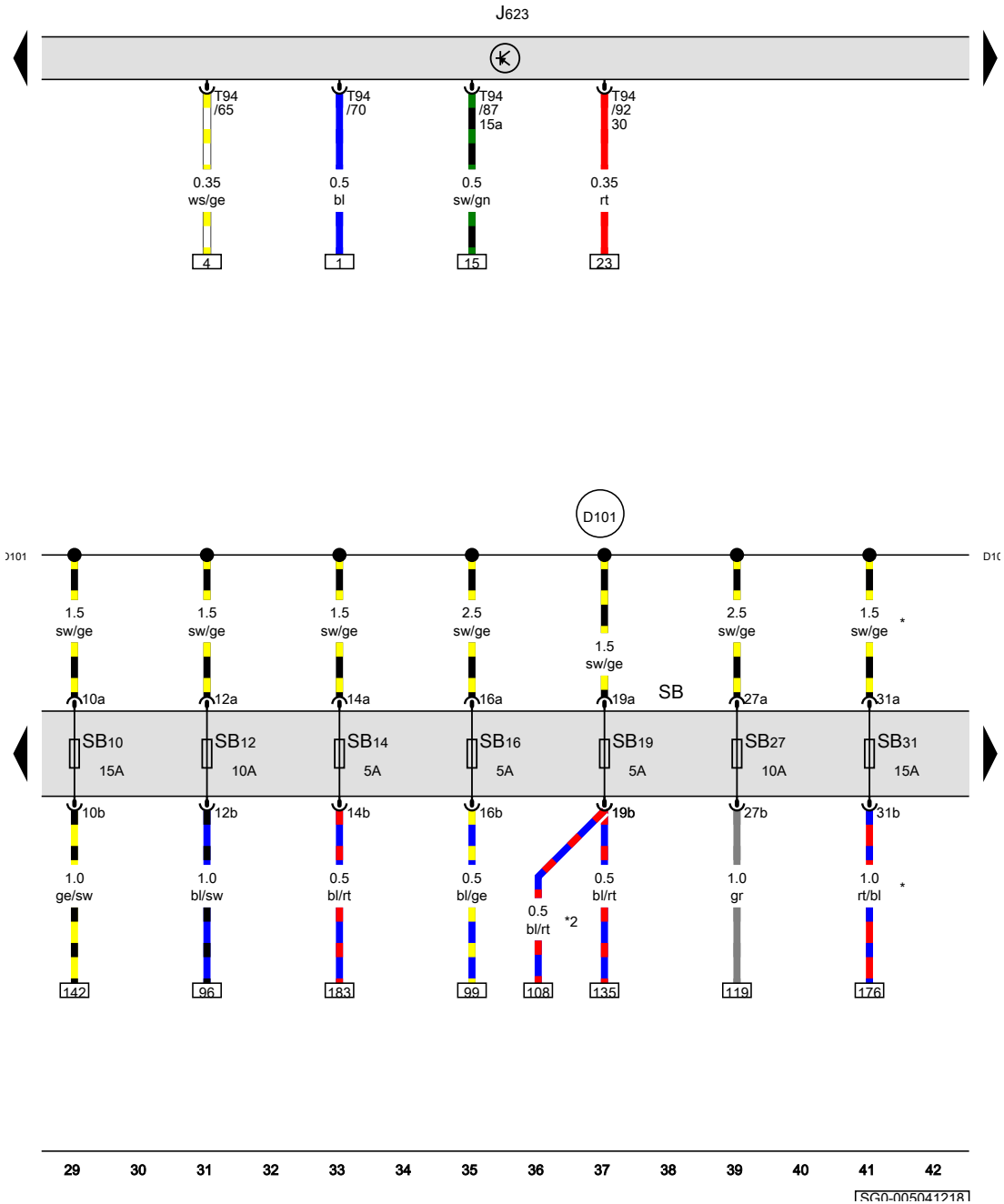

Engine/motor control unit, Fuse holder B

J623	Engine/motor control unit, in E-box in engine compartment
SB	Fuse holder B, in E-box in engine compartment
SB10	Fuse 10 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB19	Fuse 19 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB31	Fuse 31 on fuse holder B
T94	94-pin connector, black
D101	Connection 1 in engine compartment wiring harness
*	For models with diesel particulate filter
*2	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
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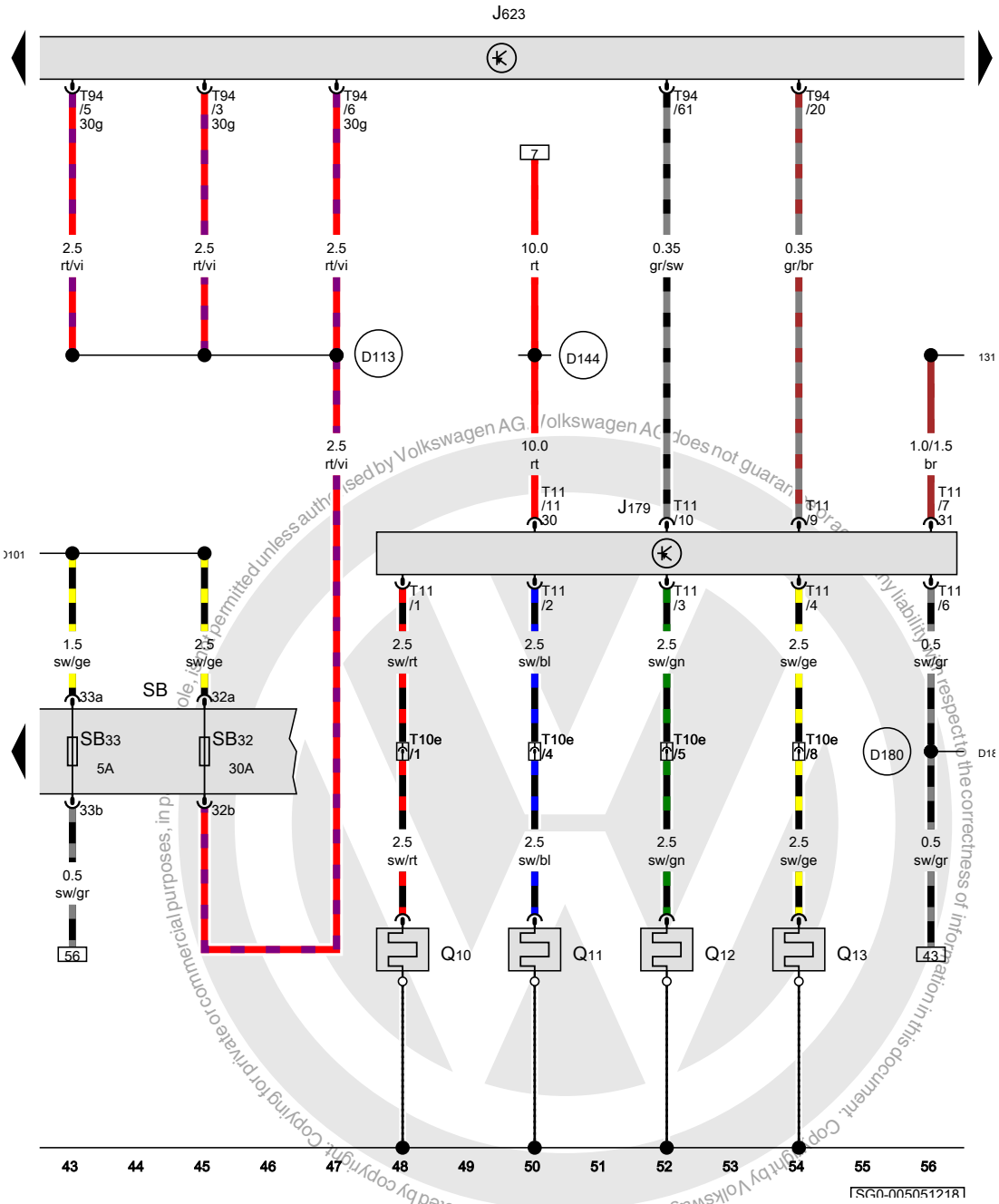

Automatic glow period control unit, Engine/motor control unit, Fuse holder B

J179	Automatic glow period control unit, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
SB	Fuse holder B, in E-box in engine compartment
SB32	Fuse 32 on fuse holder B
SB33	Fuse 33 on fuse holder B
T10e	10-pin connector, white, in E-box in engine compartment
T11	11-pin connector, black
T94	94-pin connector, black
131	Earth connection 2, in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness
D144	Positive connection 5 (30), in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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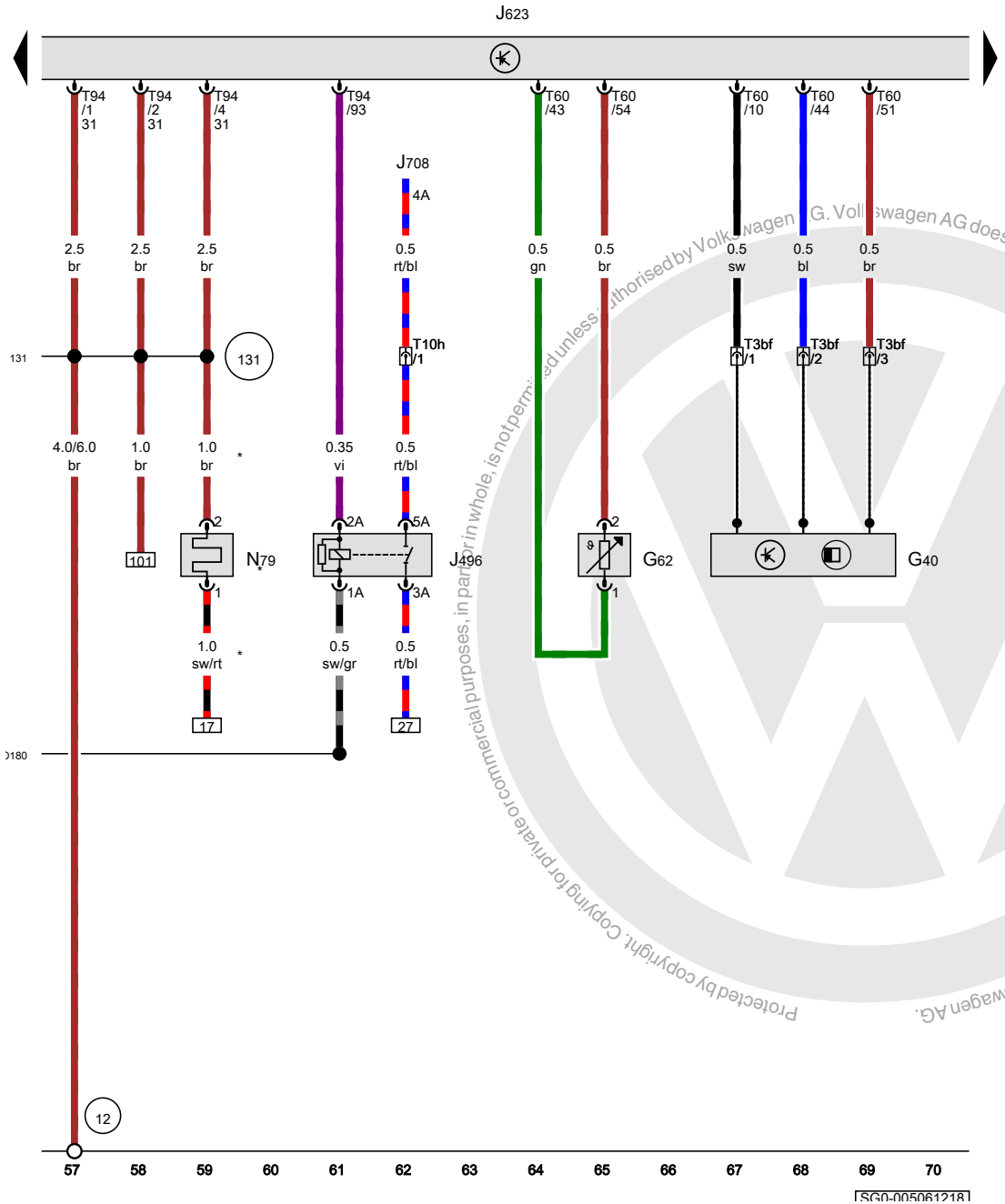

Hall sender, Coolant temperature sender, Additional coolant pump relay, Engine/motor control unit, Heater element for crankcase breather

G40	Hall sender
G62	Coolant temperature sender
J496	Additional coolant pump relay, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
J708	Residual heat relay
N79	Heater element for crankcase breather
T3bf	3-pin connector, black, near alternator
T10h	10-pin connector, orange, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
*	For models with crankcase breather heater element

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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or	=	orange
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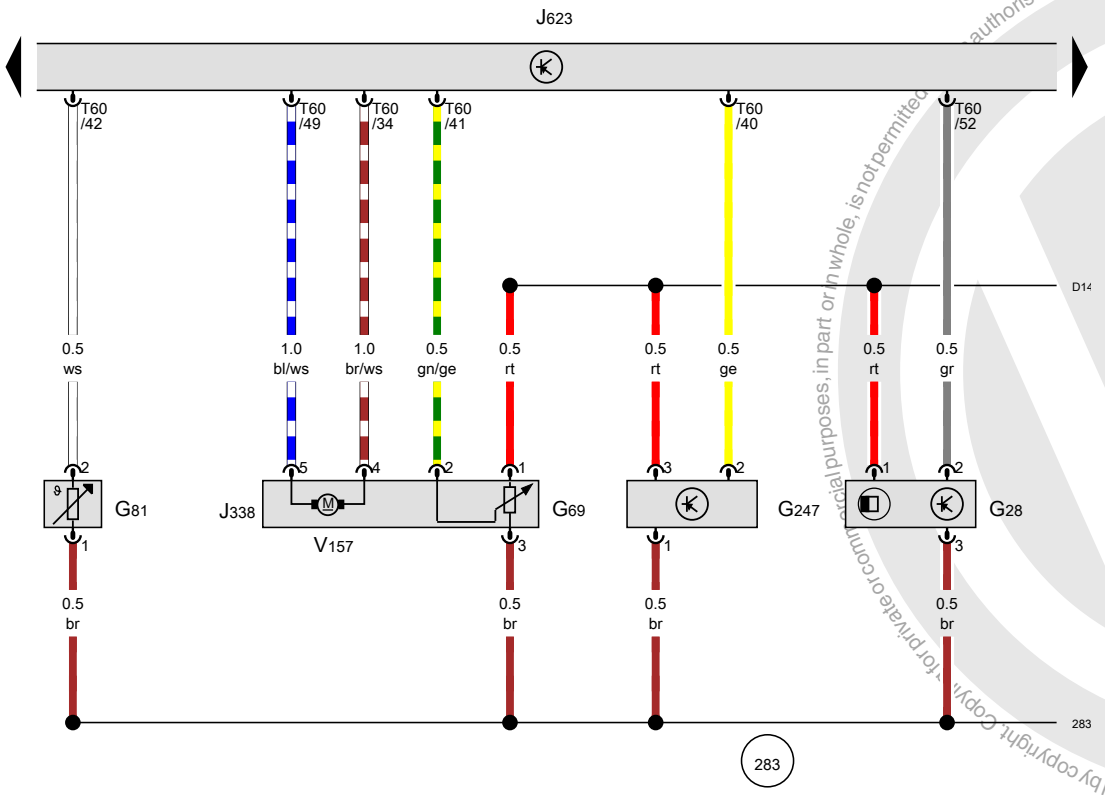

Engine speed sender, Throttle valve potentiometer, Fuel temperature sender, Fuel pressure sender, Throttle valve module, Engine/motor control unit, Intake manifold flap motor

G28	Engine speed sender
G69	Throttle valve potentiometer
G81	Fuel temperature sender
G247	Fuel pressure sender
J338	Throttle valve module
J623	Engine/motor control unit, in E-box in engine compartment
T60	60-pin connector, black
V157	Intake manifold flap motor
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
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71 72 73 74 75 76 77 78 79 80 81 82 83 84

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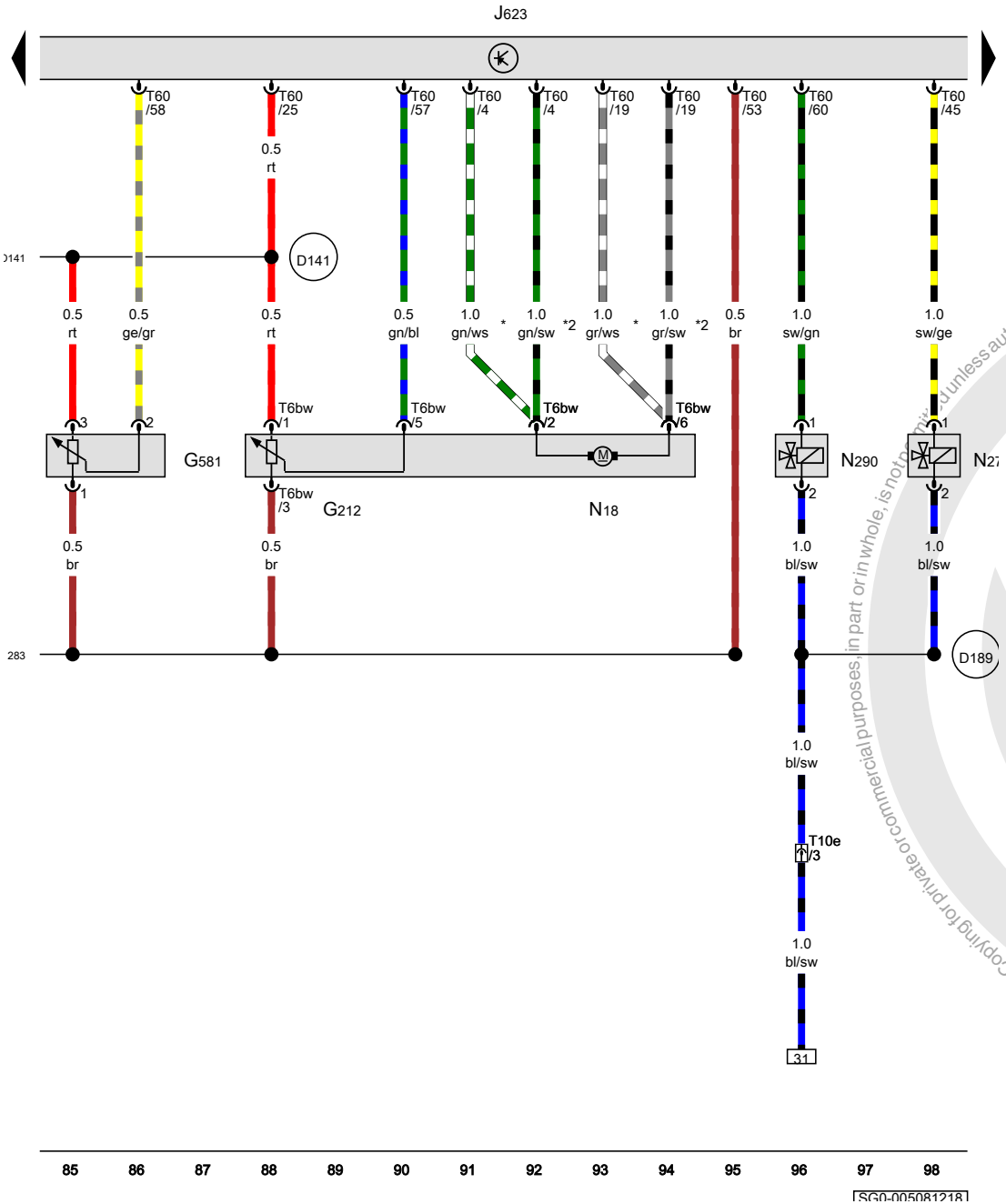

Exhaust gas recirculation potentiometer, Position sender for charge pressure positioner, Engine/motor control unit, Exhaust gas recirculation valve, Fuel pressure regulating valve, Fuel metering valve

G212	Exhaust gas recirculation potentiometer
G581	Position sender for charge pressure positioner
J623	Engine/motor control unit, in E-box in engine compartment
N18	Exhaust gas recirculation valve
N276	Fuel pressure regulating valve
N290	Fuel metering valve
T6bw	6-pin connector, grey
T10e	10-pin connector, white, in E-box in engine compartment
T60	60-pin connector, black
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness
D189	Connection (87a) in engine prewiring harness
*	Up to June 2016
*2	From June 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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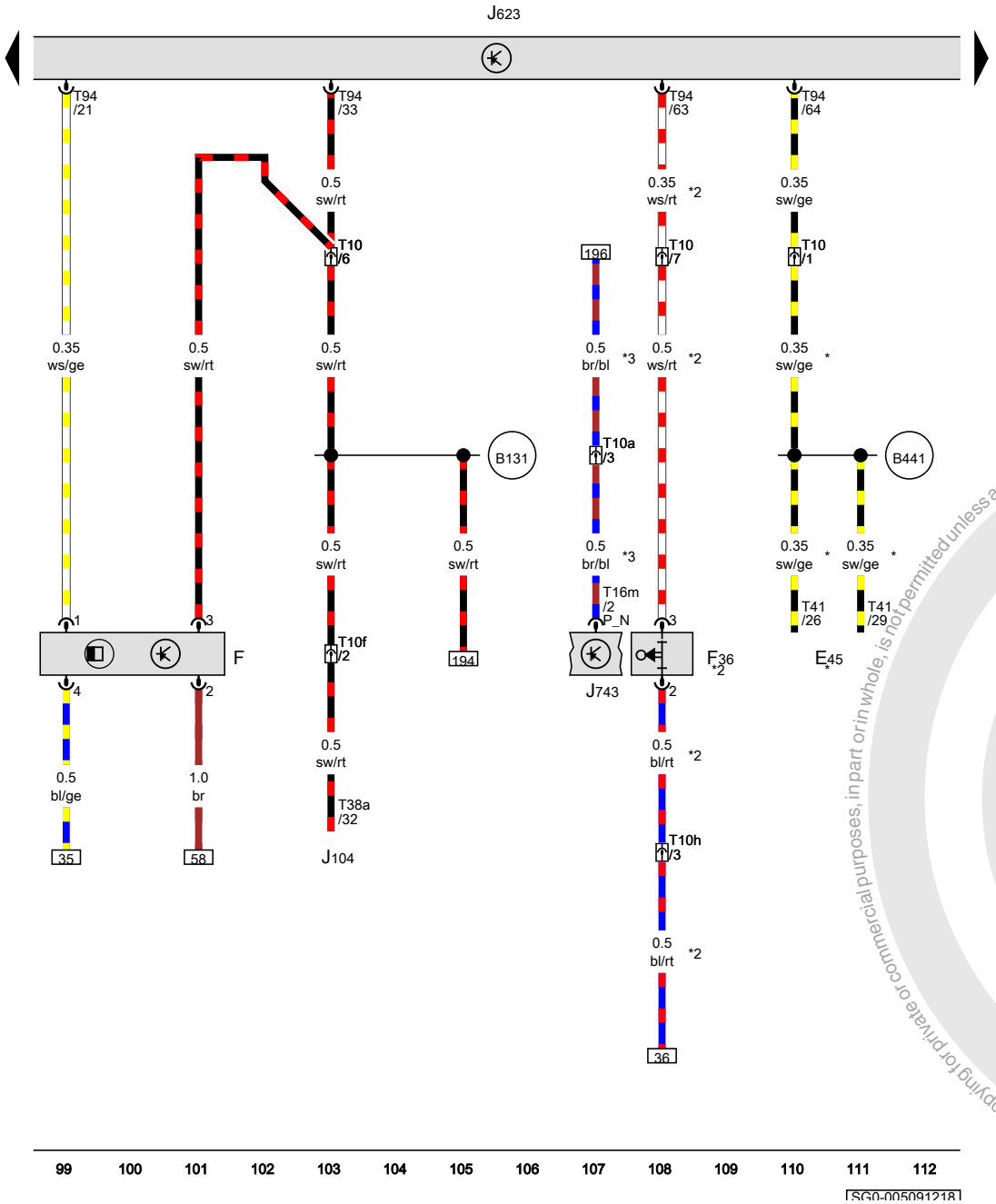

Cruise control system switch, Brake light switch, Clutch pedal switch, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

E45	Cruise control system switch
F	Brake light switch, on brake master cylinder
F36	Clutch pedal switch
J104	ABS control unit
J623	Engine/motor control unit, in E-box in engine compartment
J743	Mechatronic unit for dual clutch gearbox
T10	10-pin connector, black, in E-box in engine compartment
T10a	10-pin connector, brown, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T16m	16-pin connector, black, on electronic gearbox control unit
T38a	38-pin connector, brown
T41	41-pin connector, grey
T94	94-pin connector, black
B131	Connection (54), in interior wiring harness
B441	Connection (CCS), in main wiring harness
*	For models with cruise control system (CCS)
*2	For models with manual gearbox
*3	For models with dual clutch gearbox (DSG)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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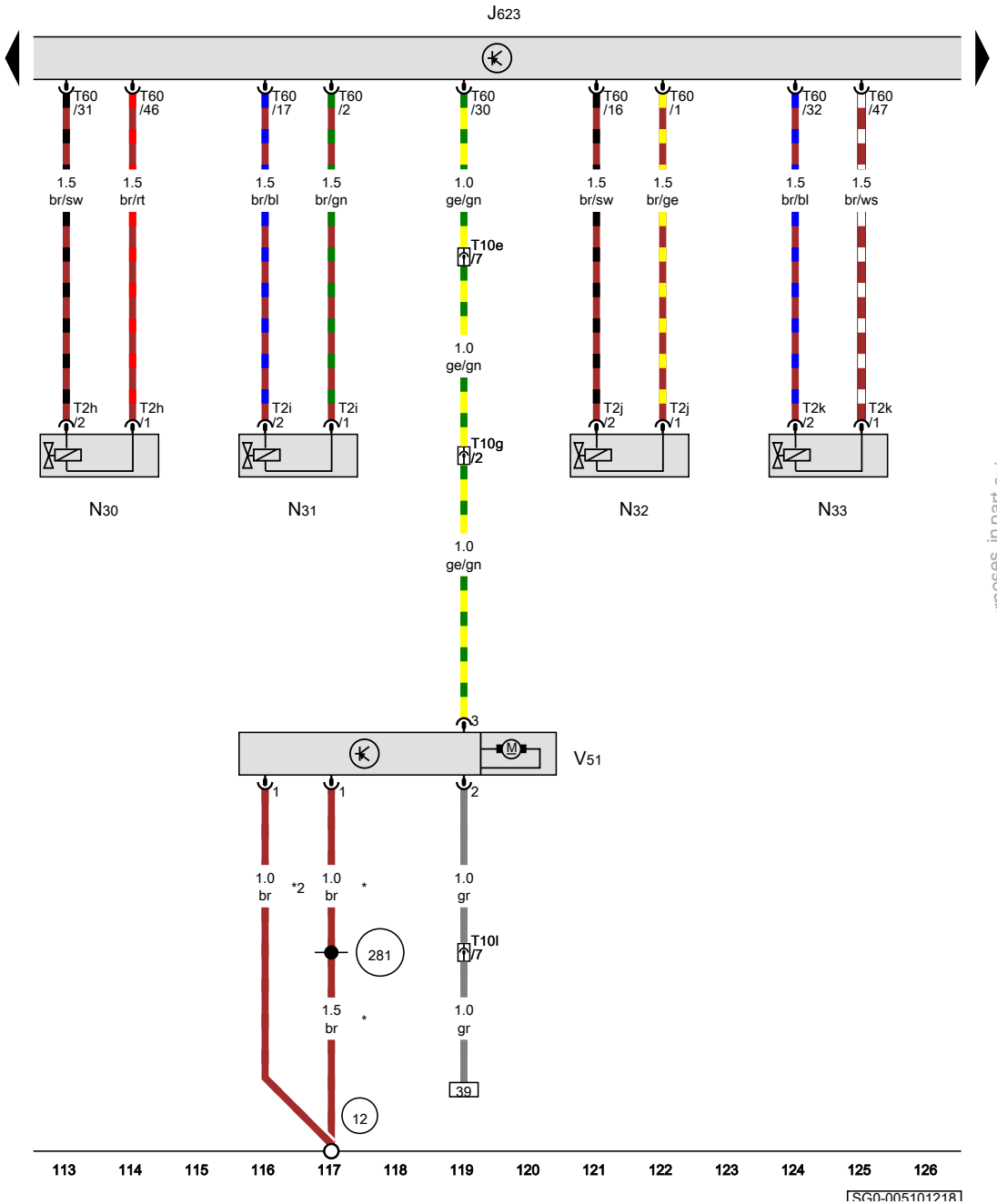

Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Continued coolant circulation pump

J623	Engine/motor control unit, in E-box in engine compartment
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2h	2-pin connector, black
T2i	2-pin connector, black
T2j	2-pin connector, black
T2k	2-pin connector, black
T10e	10-pin connector, white, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T60	60-pin connector, black
V51	Continued coolant circulation pump
12	Earth point, on left in engine compartment
281	Earth point 1, engine prewiring harness
*	For models with dual clutch gearbox (DSG)
*2	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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or	=	orange
rs	=	pink

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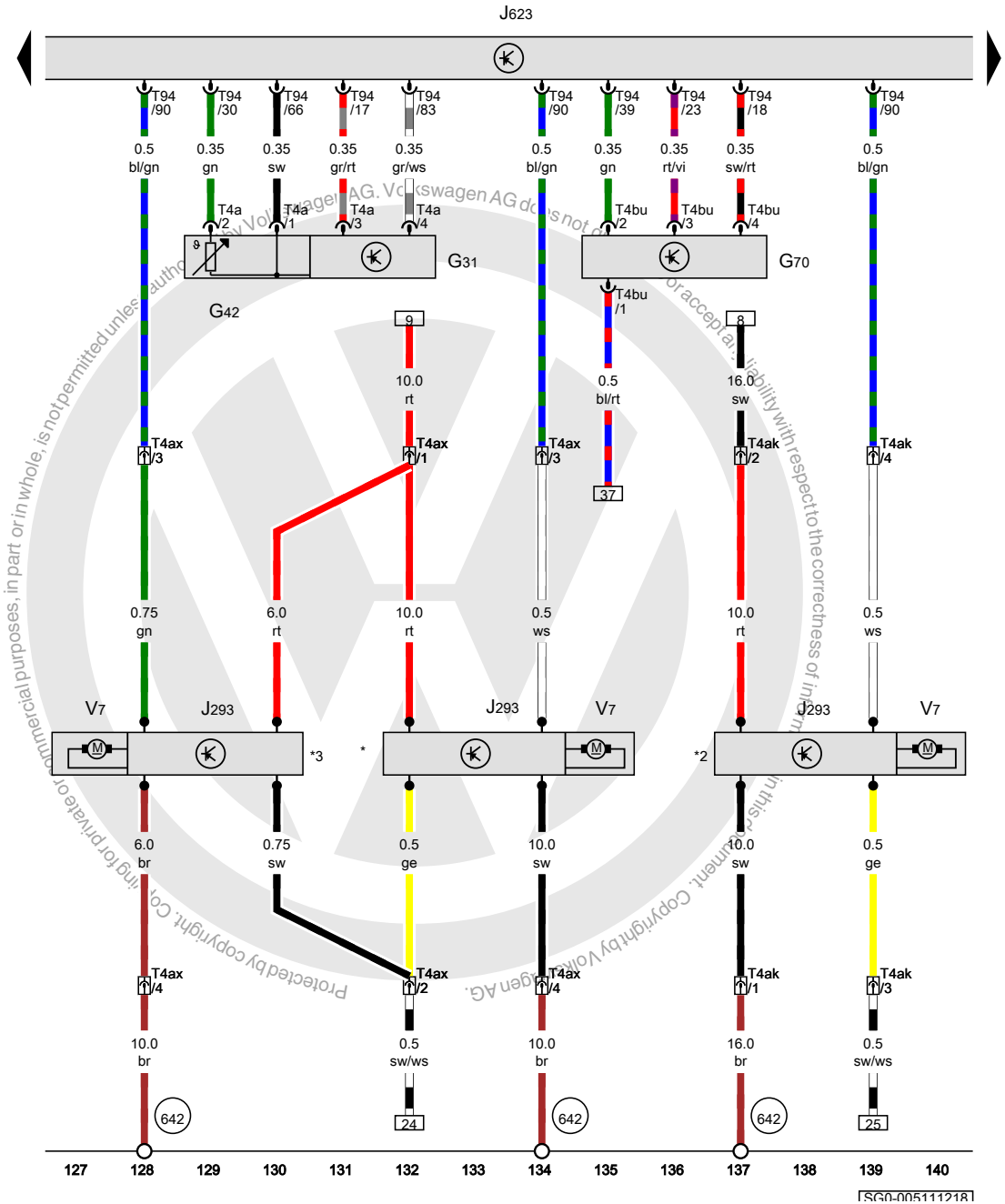

Charge pressure sender, Intake air temperature sender, Air mass meter, Radiator fan control unit, Engine/motor control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G70	Air mass meter
J293	Radiator fan control unit
J623	Engine/motor control unit, in E-box in engine compartment
T4a	4-pin connector, black
T4ak	4-pin connector, black, near radiator fan
T4ax	4-pin connector, black, near radiator fan
T4bu	4-pin connector, black
T94	94-pin connector, black
V7	Radiator fan
642	Earth point for electronically controlled fan
*	For models with medium fan output
*2	For models with increased fan output
*3	For models with low fan output

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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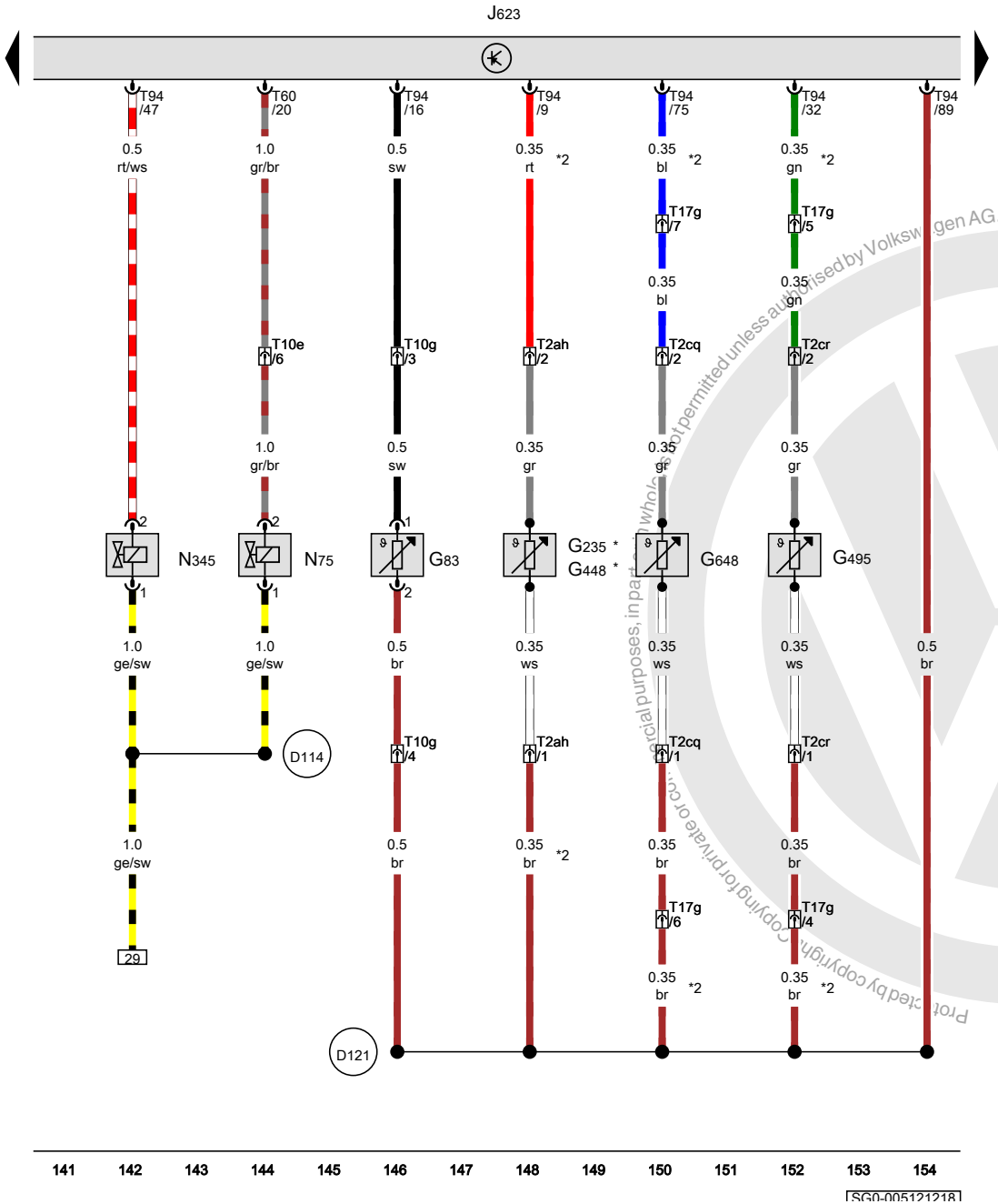

Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 2, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine/motor control unit, Charge pressure control solenoid valve, Exhaust gas recirculation cooler changeover valve

G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G448	Exhaust gas temperature sender 2
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine/motor control unit, in E-box in engine compartment
N75	Charge pressure control solenoid valve
N345	Exhaust gas recirculation cooler changeover valve
T2ah	2-pin connector, black, on right in engine compartment
T2cq	2-pin connector, light brown, on underbody, near cross panel
T2cr	2-pin connector, brown, on underbody, near cross panel
T10e	10-pin connector, white, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T17g	17-pin connector, black, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
D114	Connection 12 in engine compartment wiring harness
D121	Connection 19 in engine compartment wiring harness
*	According to equipment
*2	For models with diesel particulate filter

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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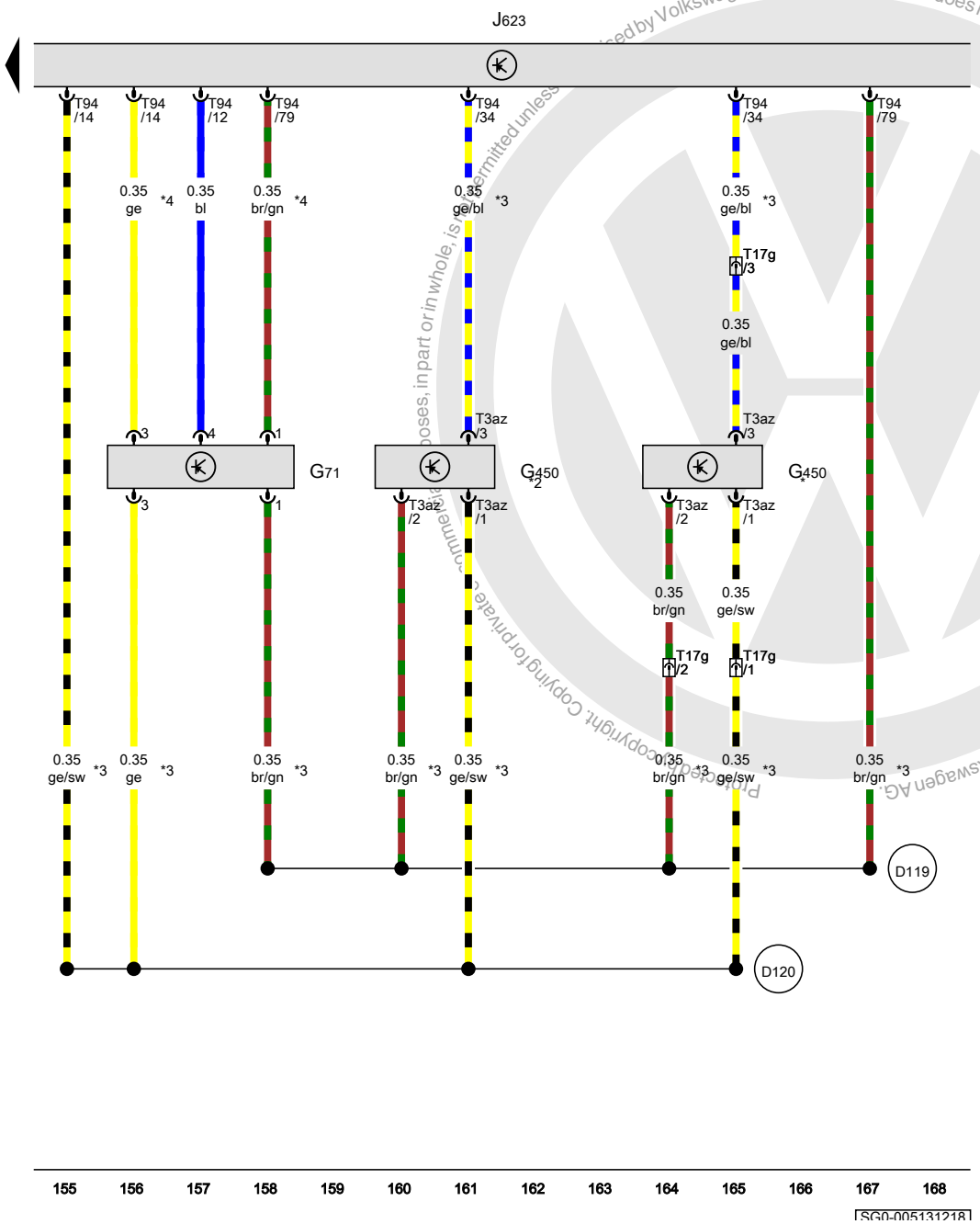

Intake manifold pressure sender, Exhaust gas pressure sensor 1, Engine/motor control unit

G71	Intake manifold pressure sender
G450	Exhaust gas pressure sensor 1
J623	Engine/motor control unit, in E-box in engine compartment
T3az	3-pin connector, black
T17g	17-pin connector, black, in E-box in engine compartment
T94	94-pin connector, black
D119	Connection 17 in engine compartment wiring harness
D120	Connection 18 in engine compartment wiring harness
*	For models with all-wheel drive
*2	For models with no all-wheel drive
*3	For models with diesel particulate filter
*4	For models with no diesel particulate filter or with no preparation for diesel particulate filter

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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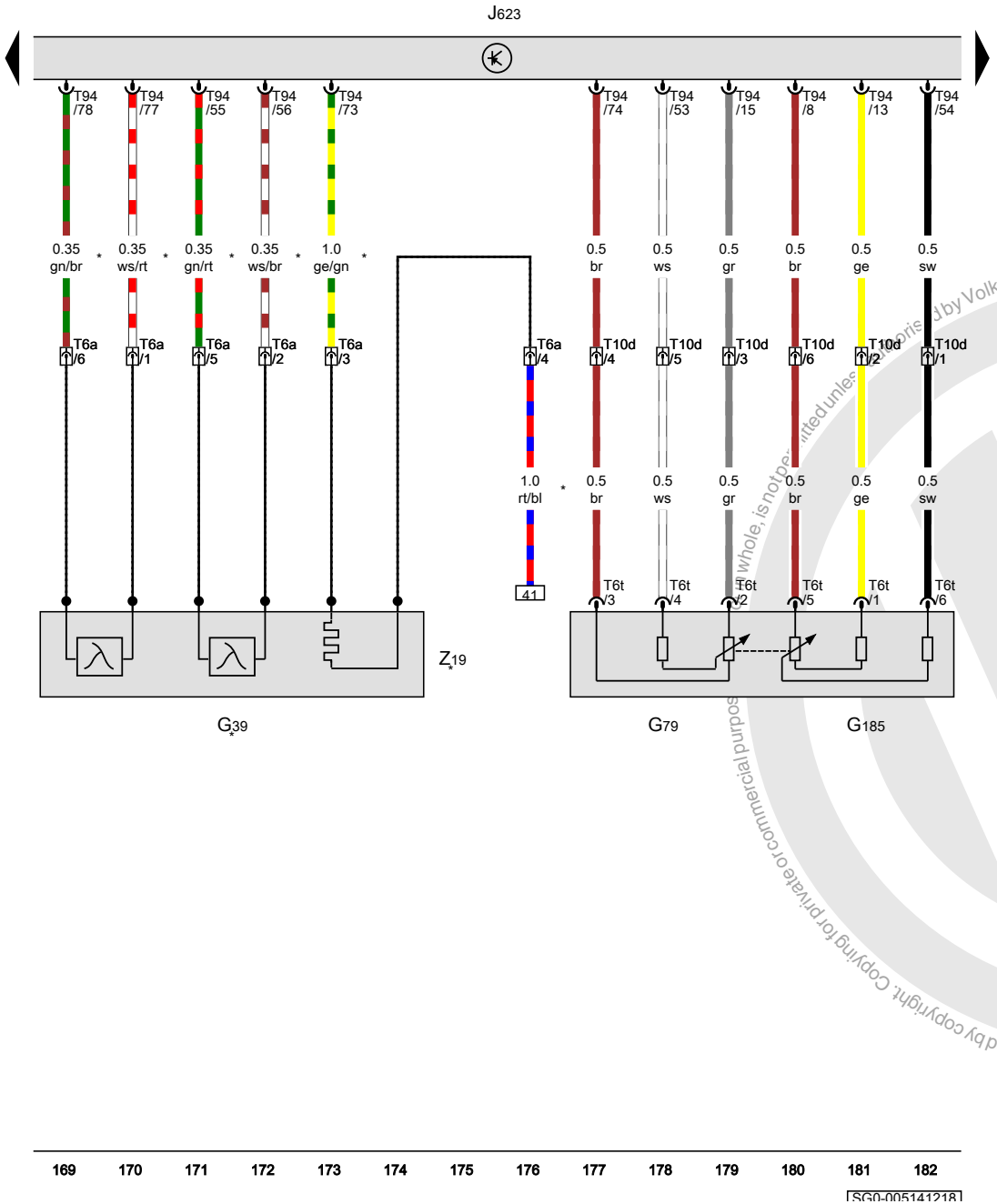

Lambda probe, Accelerator position sender, Accelerator position sender 2, Engine/motor control unit, Lambda probe heater

G39	Lambda probe
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit, in E-box in engine compartment
T6a	6-pin connector, black, on right in engine compartment
T6t	6-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T94	94-pin connector, black
Z19	Lambda probe heater
*	For models with diesel particulate filter

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
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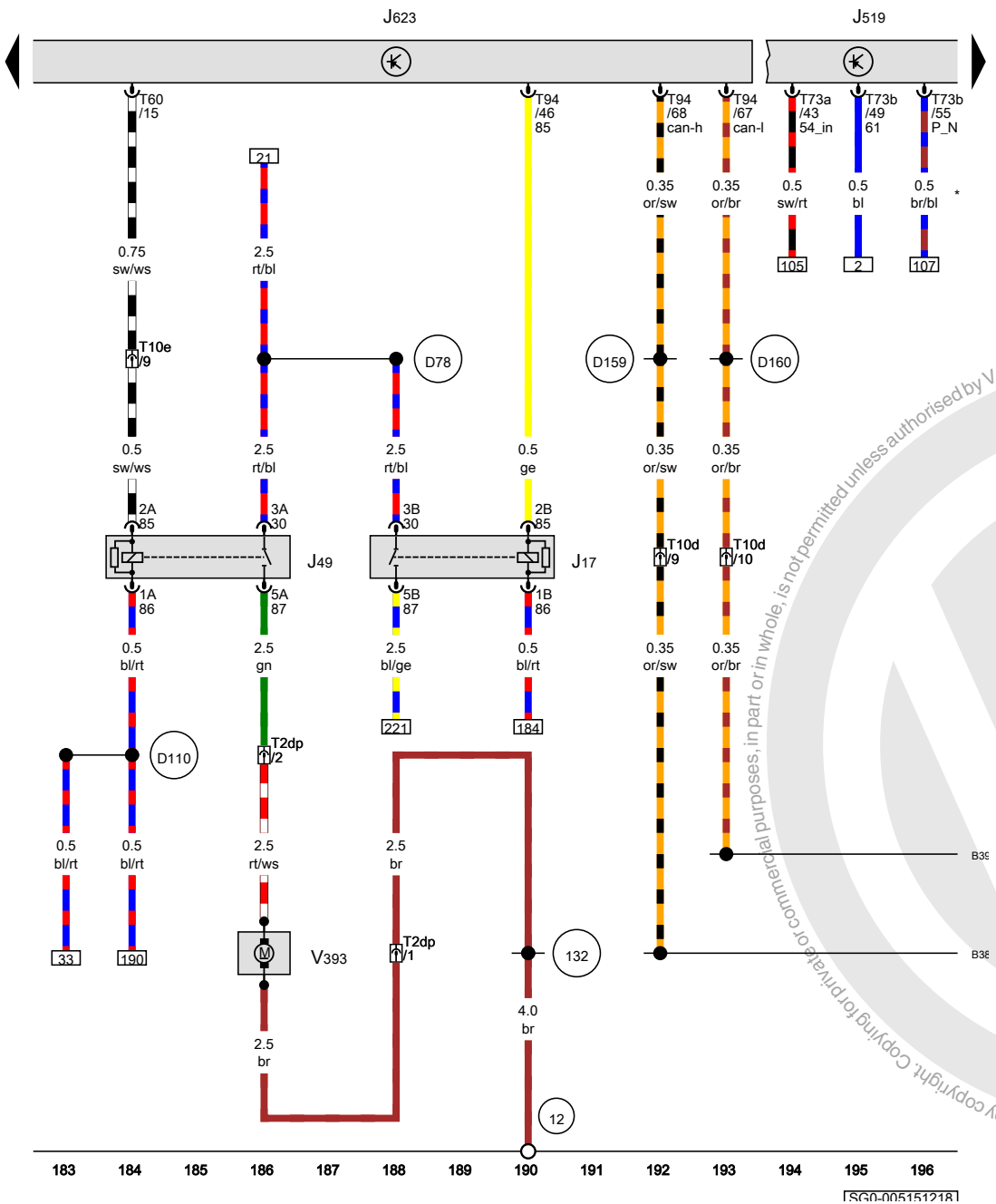

Fuel pump relay, Electric fuel pump 2 relay, Onboard supply control unit, Engine/motor control unit, Supplementary fuel pump

J17	Fuel pump relay, in E-box in engine compartment
J49	Electric fuel pump 2 relay, in E-box in engine compartment
J519	Onboard supply control unit
J623	Engine/motor control unit, in E-box in engine compartment
T2dp	2-pin connector, black, near fuel filter
T10d	10-pin connector, blue, in E-box in engine compartment
T10e	10-pin connector, white, in E-box in engine compartment
T60	60-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
T94	94-pin connector, black
V393	Supplementary fuel pump
12	Earth point, on left in engine compartment
132	Earth connection 3, in engine compartment wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	For models with dual clutch gearbox (DSG)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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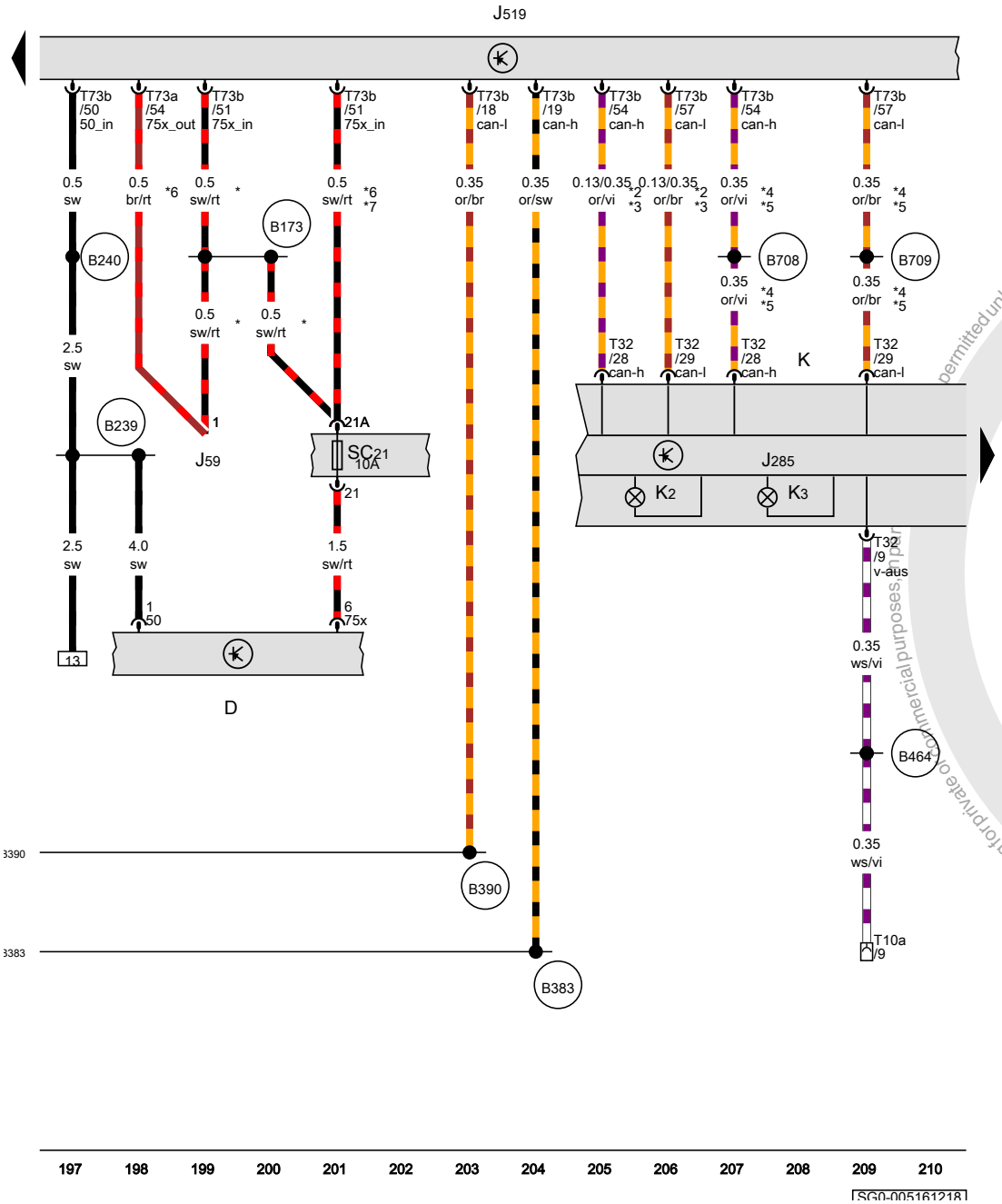
Ignition/starter switch, X-contact relief relay, Onboard supply control unit, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp, Fuse 21 on fuse holder C



D	Ignition/starter switch
J59	X-contact relief relay
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
SC21	Fuse 21 on fuse holder C
T10a	10-pin connector, brown, in E-box in engine compartment
T32	32-pin connector, blue
T73a	73-pin connector, black
T73b	73-pin connector, white
B173	Positive connection 2 (X), in interior wiring harness
B239	Positive connection 1 (50), in interior wiring harness
B240	Positive connection 2 (50), in interior wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B464	Connection (speed signal), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	Up to June 2016
*2	For models with no rain and light sensor
*3	For models with no tachograph
*4	For models with rain sensor
*5	For models with tachograph
*6	From June 2016
*7	For models with no special vehicle control unit

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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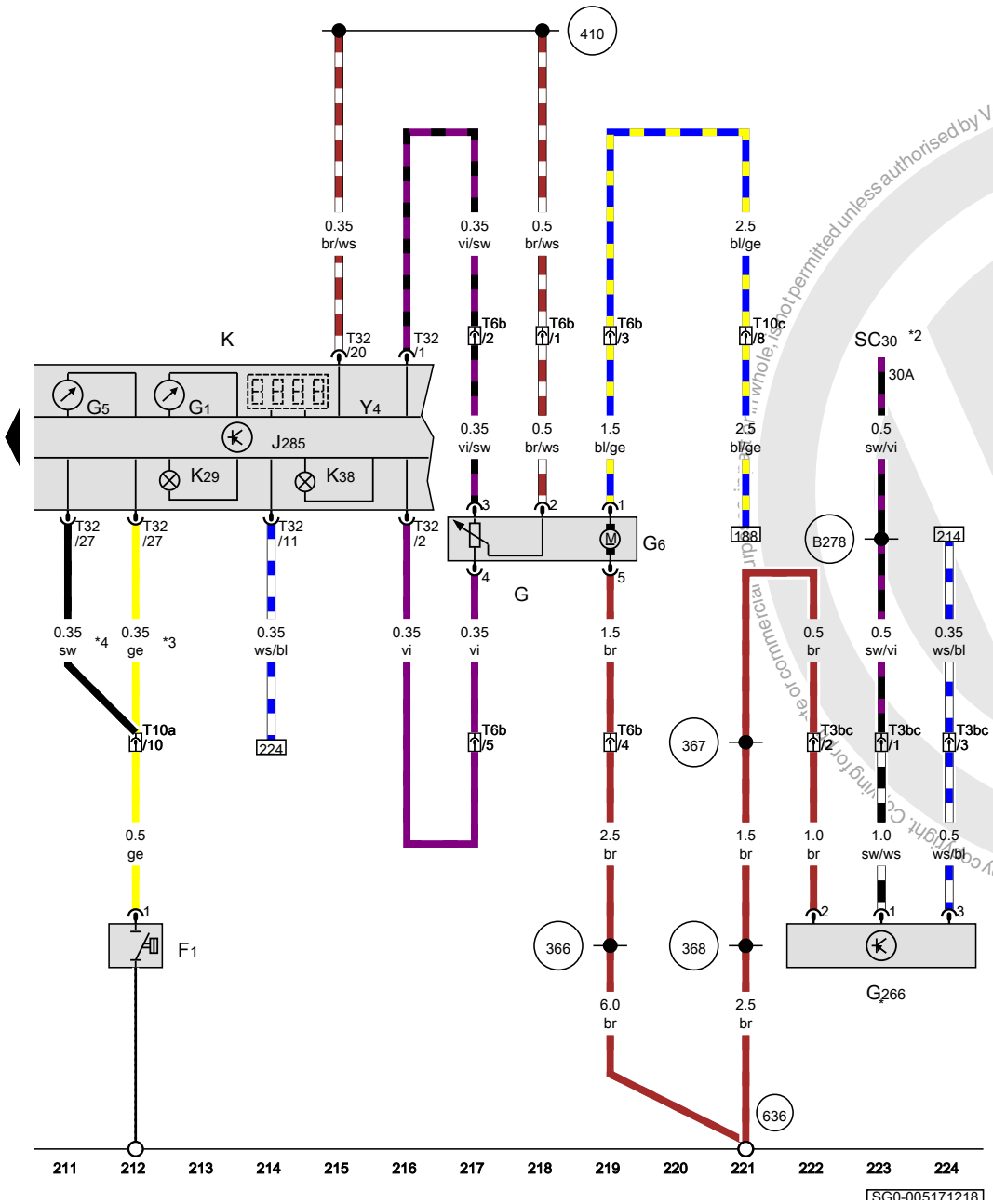
Oil pressure switch, Fuel gauge, Rev. counter, Fuel system pressurisation pump, Oil level and oil temperature sender, Dash panel insert, Glow period warning lamp, Oil level warning lamp



F1	Oil pressure switch	
G	Fuel gauge sender	
G1	Fuel gauge	
G5	Rev. counter	
G6	Fuel system pressurisation pump	
G266	Oil level and oil temperature sender	
J285	Control unit in dash panel insert	
K	Dash panel insert	
K29	Glow period warning lamp	
K38	Oil level warning lamp	
SC30	Fuse 30 on fuse holder C	
T3bc	3-pin connector, black, on underbody, near cross panel	
T6b	6-pin connector, black, on fuel tank	
T10a	10-pin connector, brown, in E-box in engine compartment	
T10c	10-pin connector, yellow, in E-box in engine compartment	
T32	32-pin connector, blue	
Y4	Trip counter	
366	Earth connection 1, in main wiring harness	
367	Earth connection 2, in main wiring harness	
368	Earth connection 3, in main wiring harness	
410	Earth connection 1 (sender earth) in main wiring harness	
636	Earth point, onboard supply control unit	
B278	Positive connection 2 (15a) in main wiring harness	
*	For models with extended service intervals (ESI)	
*2	see applicable current flow diagram for fuse assignment	
*3	Up to June 2016	
*4	From June 2016	

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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2.0l diesel engine with start/stop system , CAAA,CAAB,CAAC,(7L6)

From June 2015

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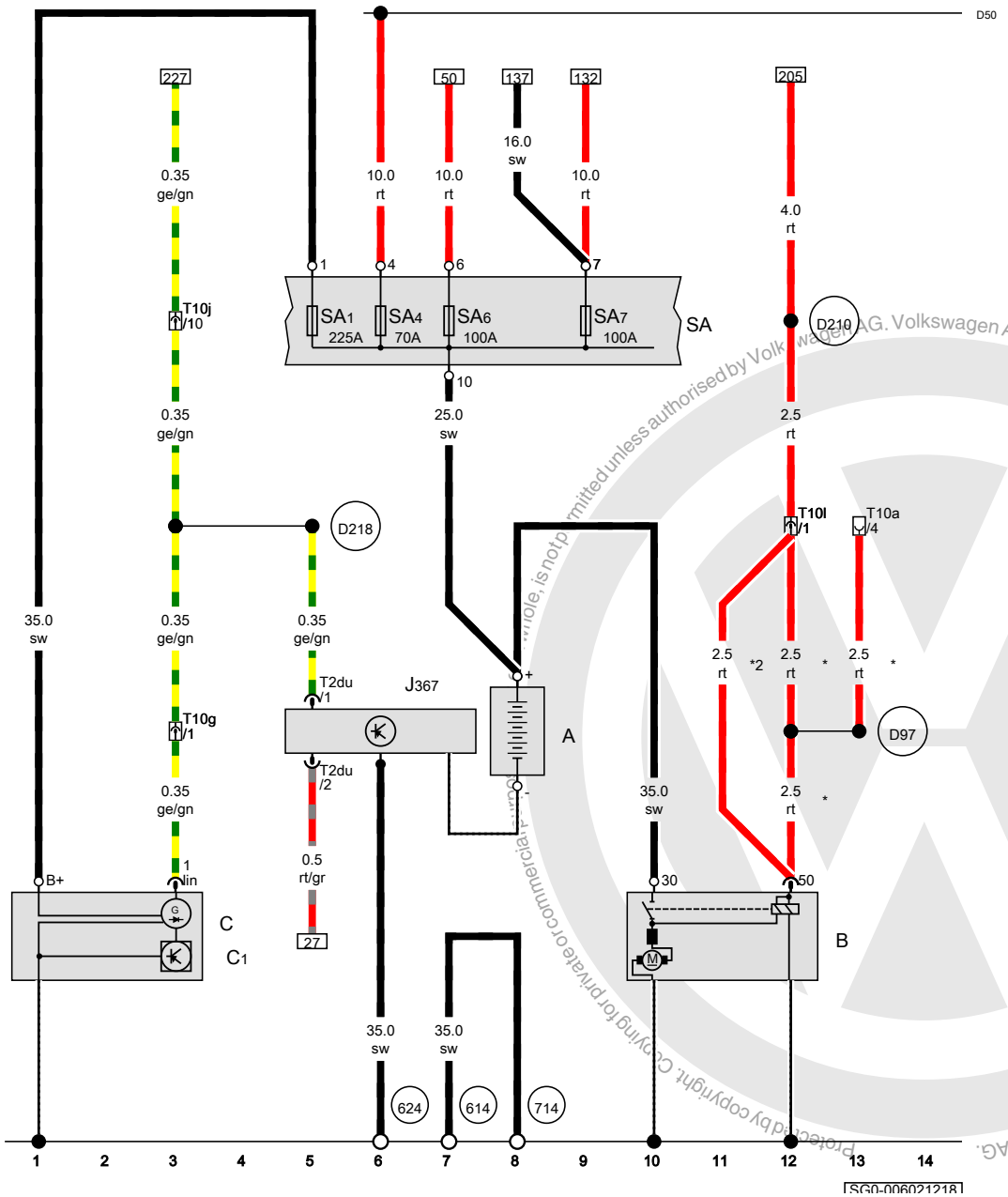

Battery, Starter, Alternator, Voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J367	Battery monitor control unit
SA	Fuse holder A, in E-box in engine compartment
SA1	Fuse 1 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
T2du	2-pin connector, black
T10a	10-pin connector, brown, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T10j	10-pin connector, dark brown, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
614	Earth point 2, on right in engine compartment
624	Earth point, starter battery
714	Earth point on right of engine
D50	Positive connection (30), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D210	Connection (50), in engine compartment wiring harness
D218	Connection 1 (LIN bus) in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox (DSG)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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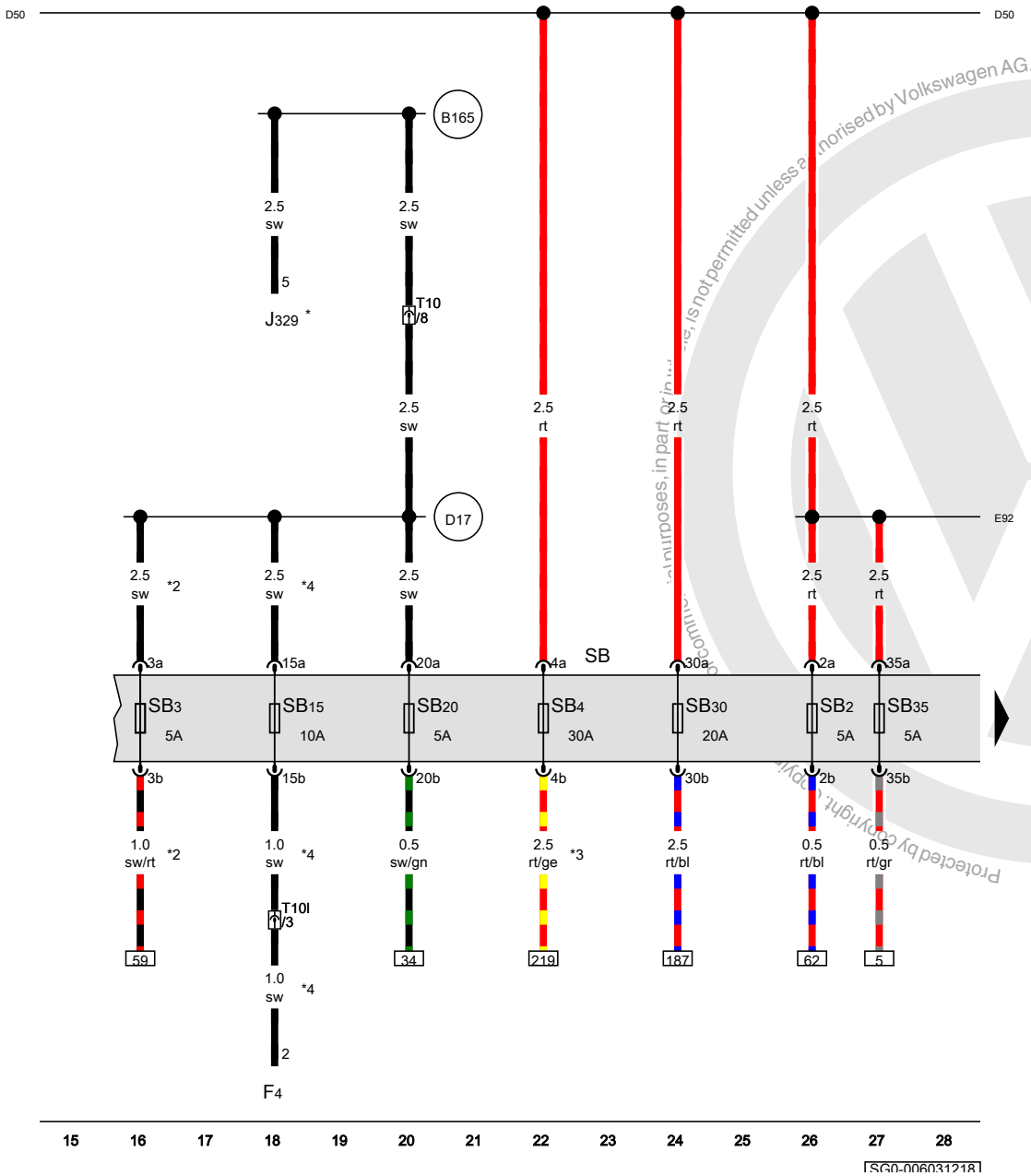

Fuse holder B

F4	Reversing light switch
J329	Terminal 15 voltage supply relay
SB	Fuse holder B, in E-box in engine compartment
SB2	Fuse 2 on fuse holder B
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB30	Fuse 30 on fuse holder B
SB35	Fuse 35 on fuse holder B
T10	10-pin connector, black, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
B165	Positive connection 2 (15), in interior wiring harness
D17	Positive connection 1 (15), in engine harness
D50	Positive connection (30), in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with crankcase breather heater element
*3	Up to June 2016
*4	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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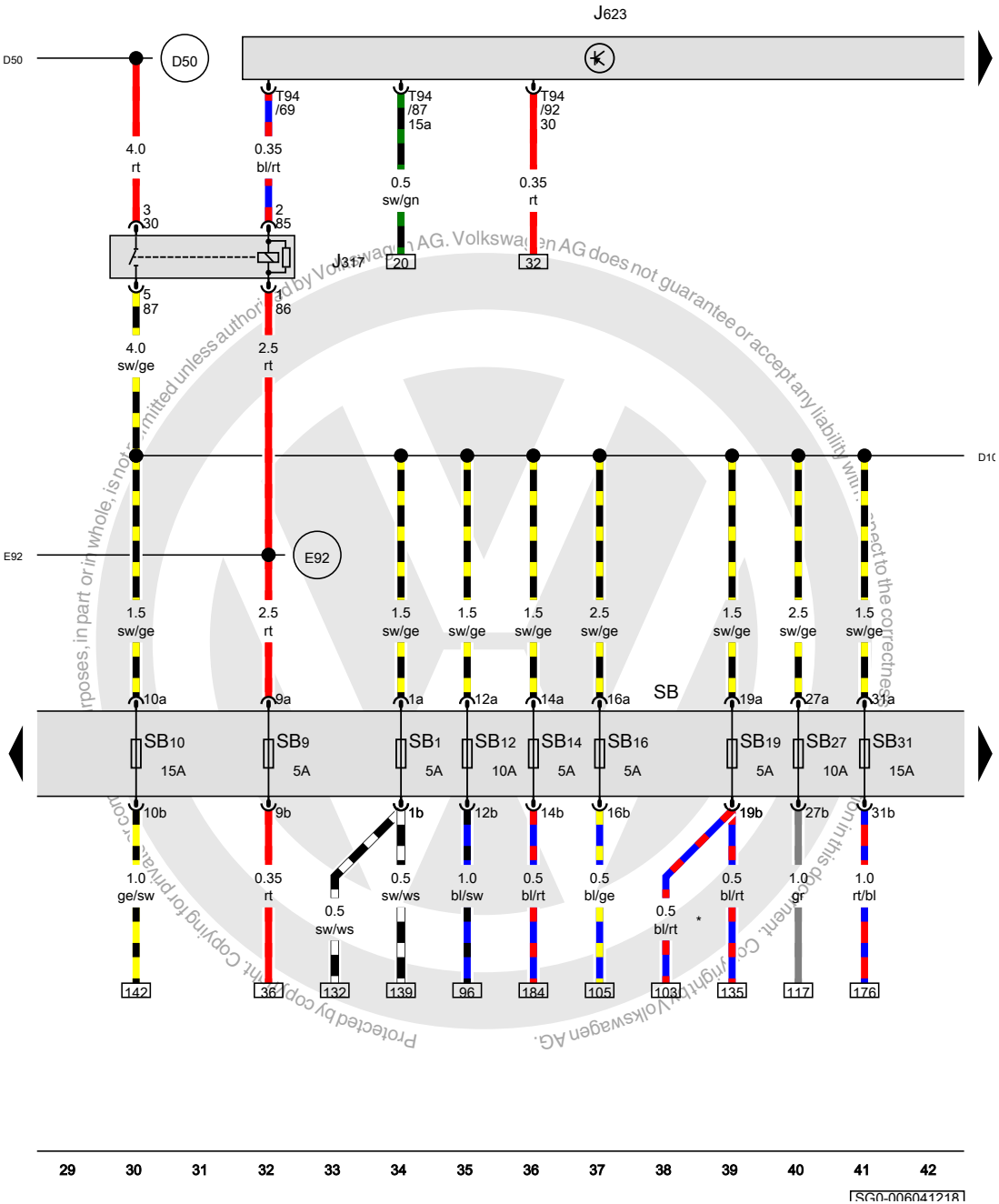

Terminal 30 voltage supply relay, Engine/motor control unit, Fuse holder B

J317	Terminal 30 voltage supply relay, in E-box
J623	Engine/motor control unit, in E-box in engine compartment
SB	Fuse holder B, in E-box in engine compartment
SB1	Fuse 1 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB19	Fuse 19 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB31	Fuse 31 on fuse holder B
T94	94-pin connector, black
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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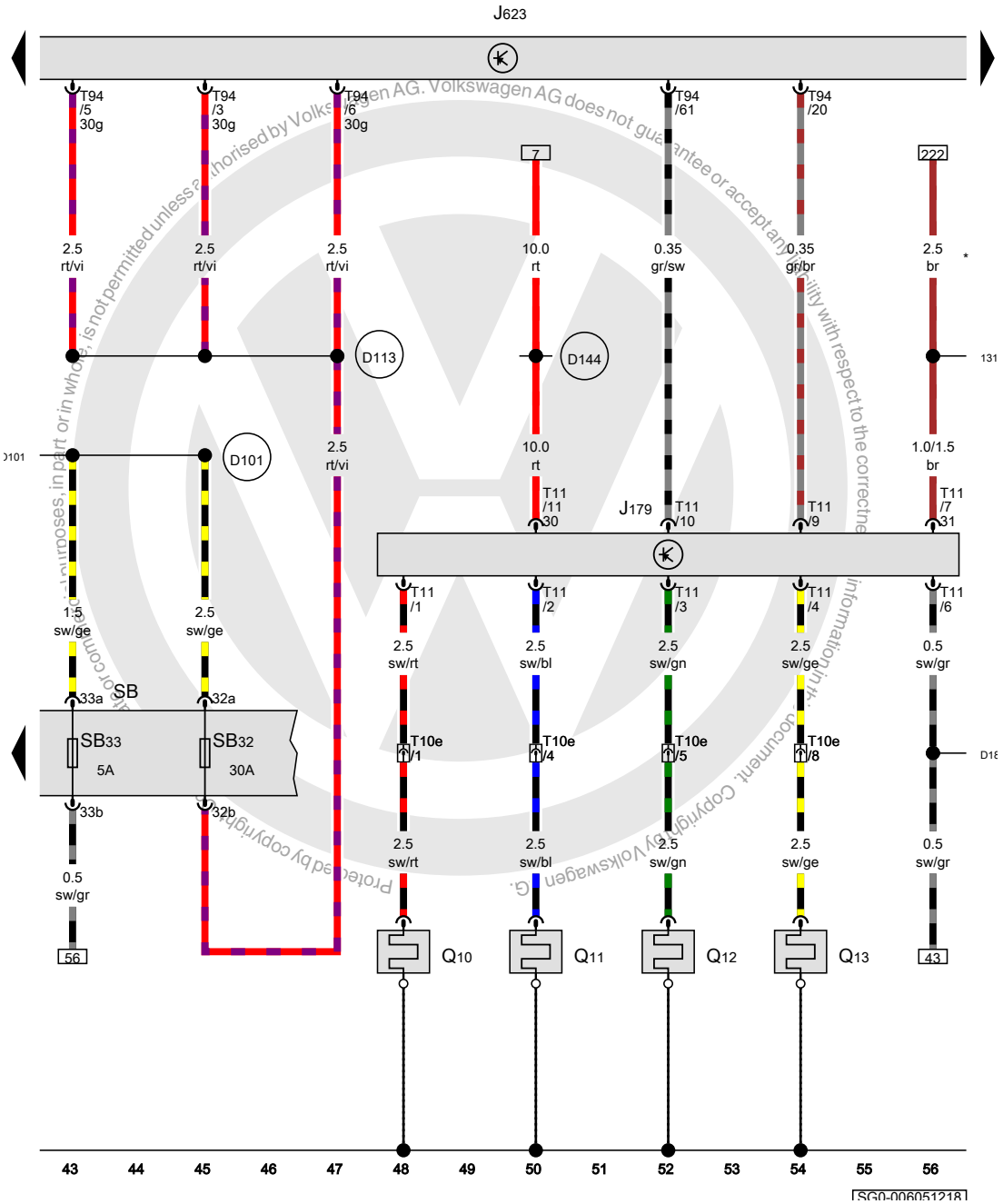

Automatic glow period control unit, Engine/motor control unit, Fuse holder B

J179	Automatic glow period control unit, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
SB	Fuse holder B, in E-box in engine compartment
SB32	Fuse 32 on fuse holder B
SB33	Fuse 33 on fuse holder B
T10e	10-pin connector, white, in E-box in engine compartment
T11	11-pin connector, black
T94	94-pin connector, black
131	Earth connection 2, in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness
D144	Positive connection 5 (30), in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
*	Up to June 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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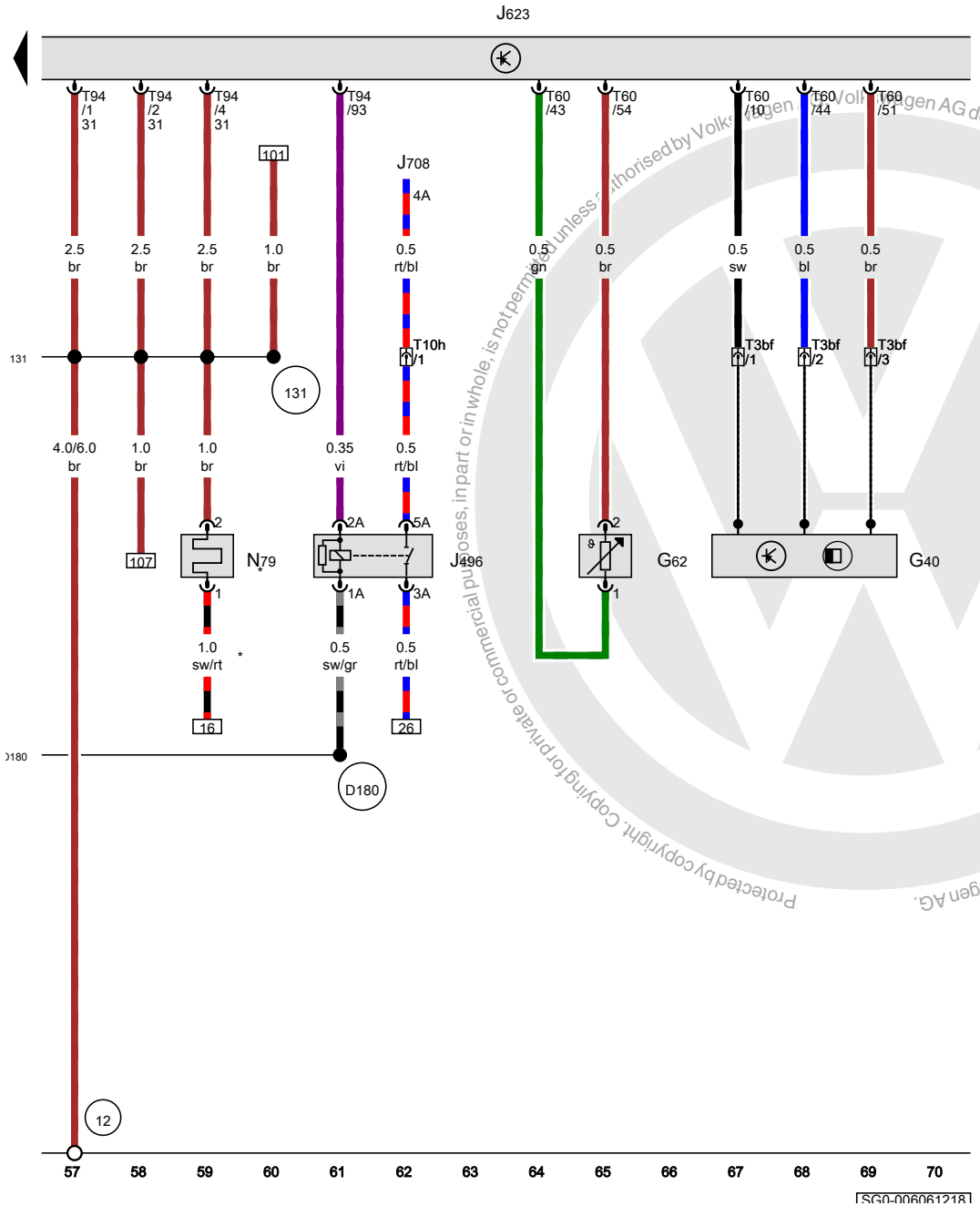

Hall sender, Coolant temperature sender, Additional coolant pump relay, Engine/motor control unit, Heater element for crankcase breather

G40	Hall sender
G62	Coolant temperature sender
J496	Additional coolant pump relay, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
J708	Residual heat relay
N79	Heater element for crankcase breather
T3bf	3-pin connector, black, near alternator
T10h	10-pin connector, orange, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
*	For models with crankcase breather heater element

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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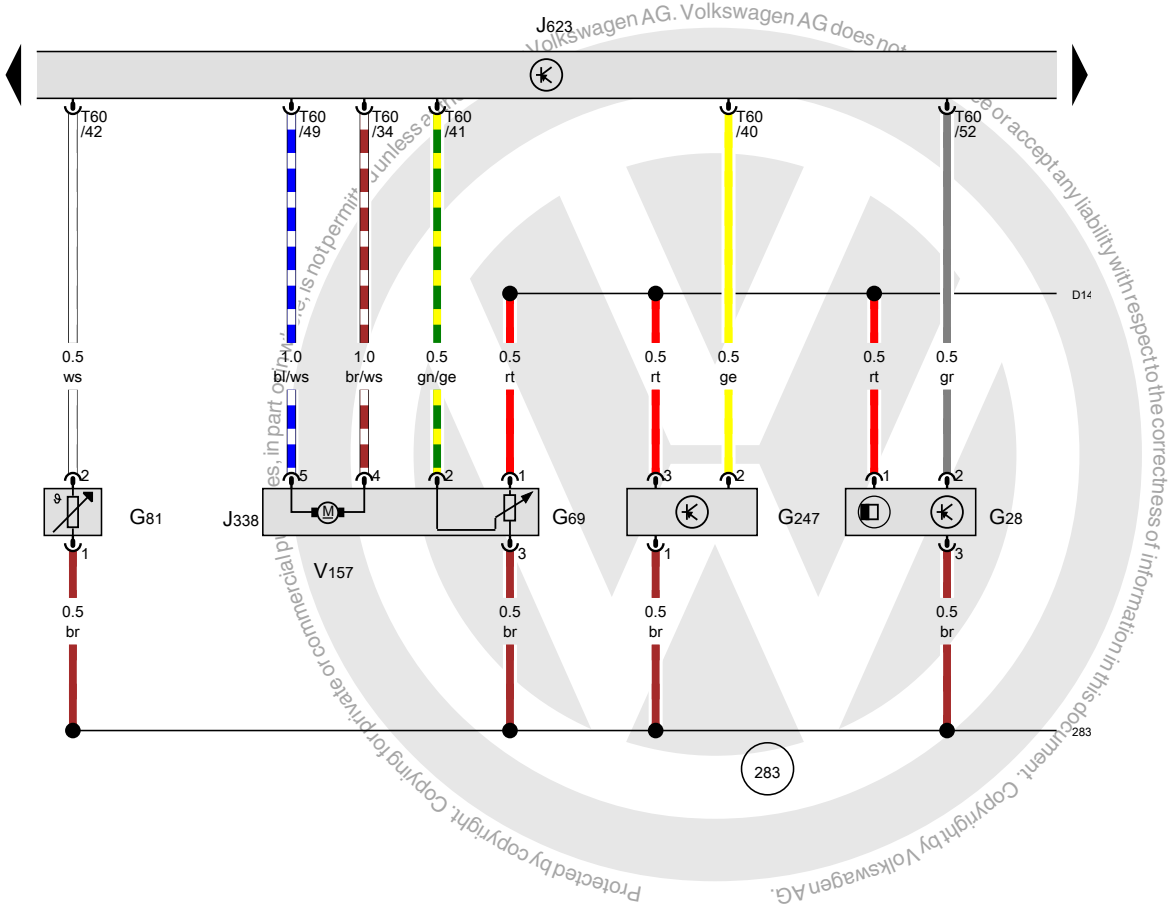

Engine speed sender, Throttle valve potentiometer, Fuel temperature sender, Fuel pressure sender, Throttle valve module, Engine/motor control unit, Intake manifold flap motor

G28	Engine speed sender
G69	Throttle valve potentiometer
G81	Fuel temperature sender
G247	Fuel pressure sender
J338	Throttle valve module
J623	Engine/motor control unit, in E-box in engine compartment
T60	60-pin connector, black
V157	Intake manifold flap motor
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

71 72 73 74 75 76 77 78 79 80 81 82 83 84

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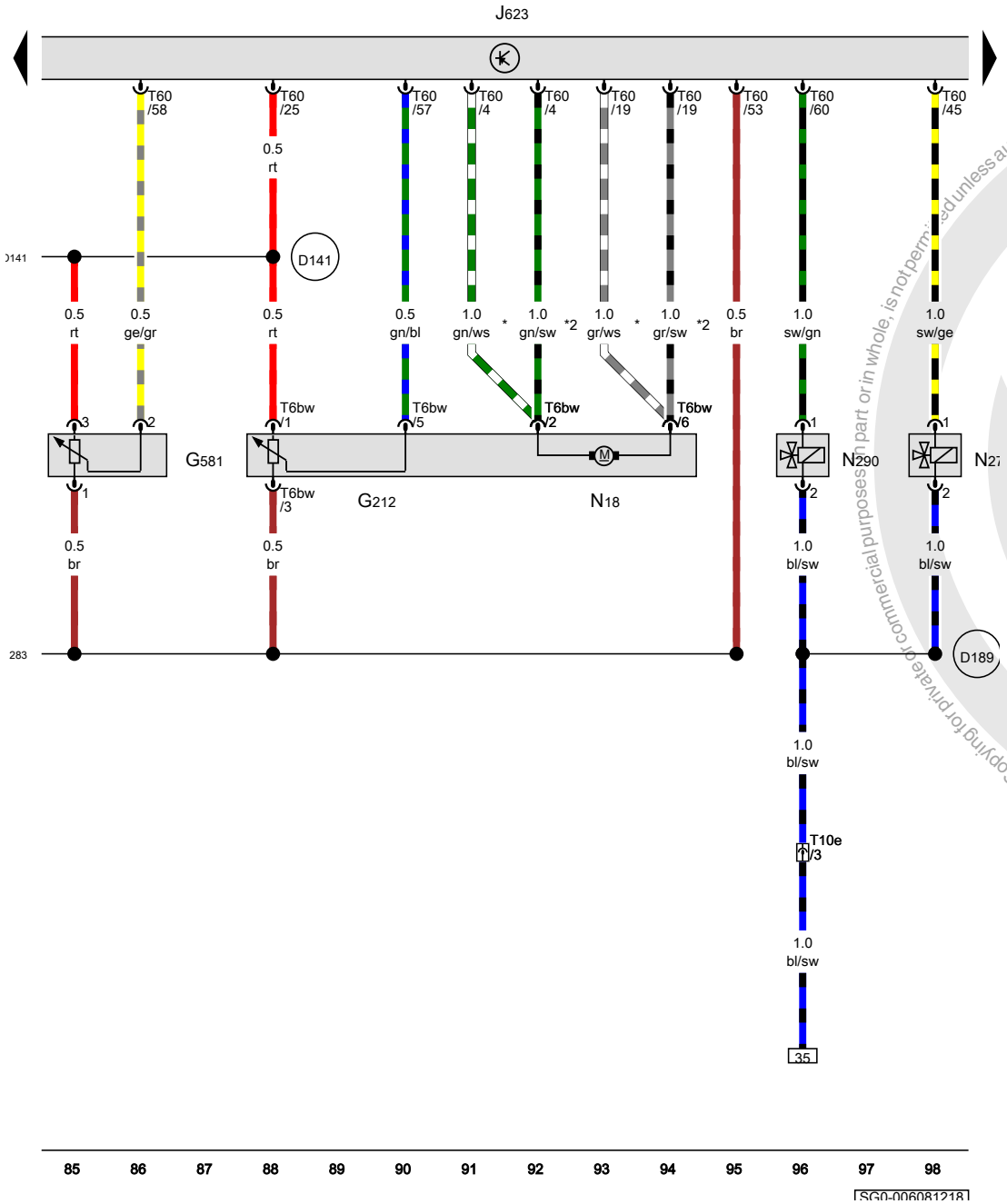
Exhaust gas recirculation potentiometer, Position sender for charge pressure positioner, Engine/motor control unit, Exhaust gas recirculation valve, Fuel pressure regulating valve, Fuel metering valve



G212	Exhaust gas recirculation potentiometer
G581	Position sender for charge pressure positioner
J623	Engine/motor control unit, in E-box in engine compartment
N18	Exhaust gas recirculation valve
N276	Fuel pressure regulating valve
N290	Fuel metering valve
T6bw	6-pin connector, grey
T10e	10-pin connector, white, in E-box in engine compartment
T60	60-pin connector, black
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness
D189	Connection (87a) in engine prewiring harness
*	Up to June 2016
*2	From June 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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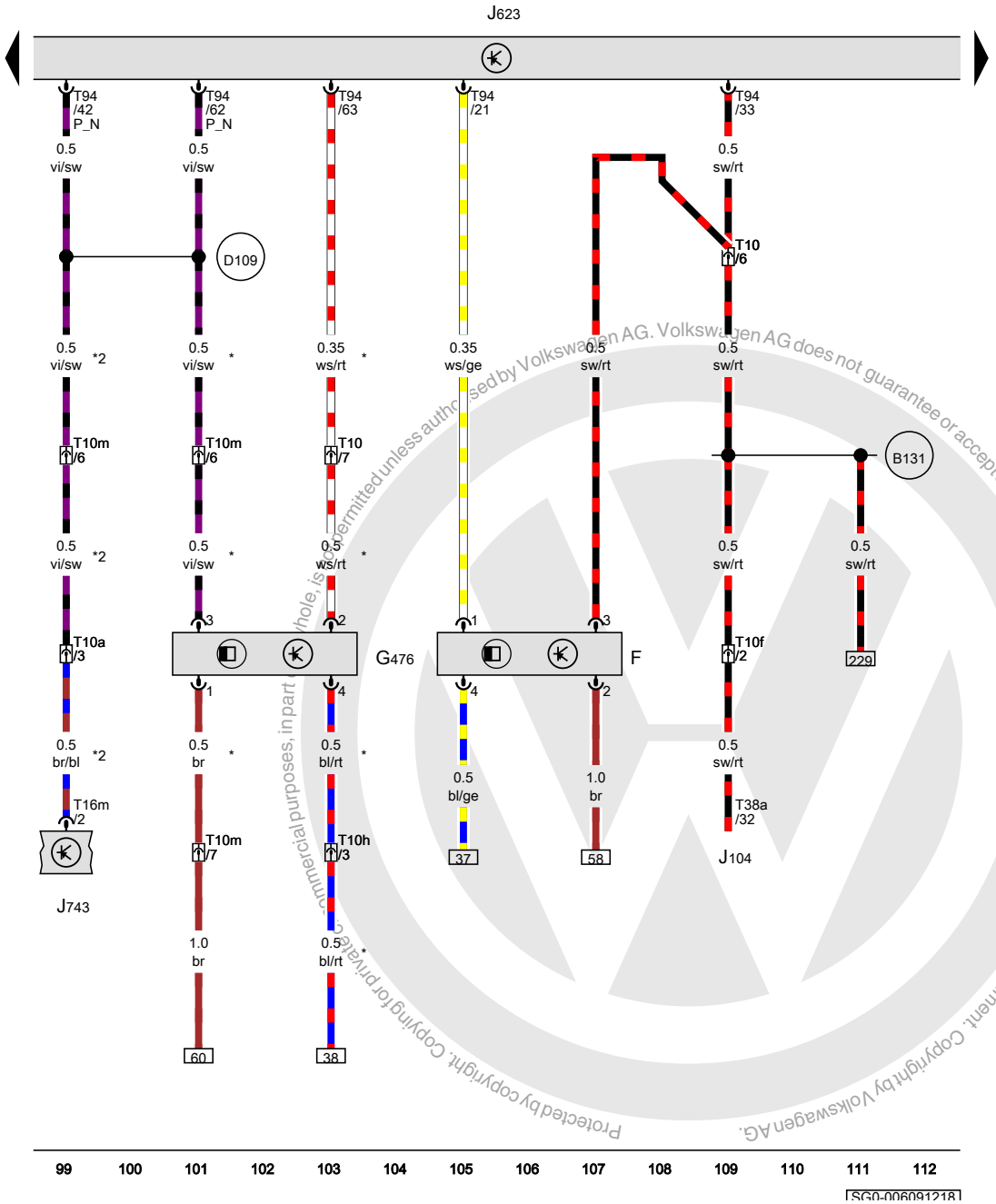

Brake light switch, Clutch position sender, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

F	Brake light switch, on brake master cylinder
G476	Clutch position sender
J104	ABS control unit
J623	Engine/motor control unit, in E-box in engine compartment
J743	Mechatronic unit for dual clutch gearbox
T10	10-pin connector, black, in E-box in engine compartment
T10a	10-pin connector, brown, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T16m	16-pin connector, black
T38a	38-pin connector, black
T94	94-pin connector, black
B131	Connection (54), in interior wiring harness
D109	Connection 7 in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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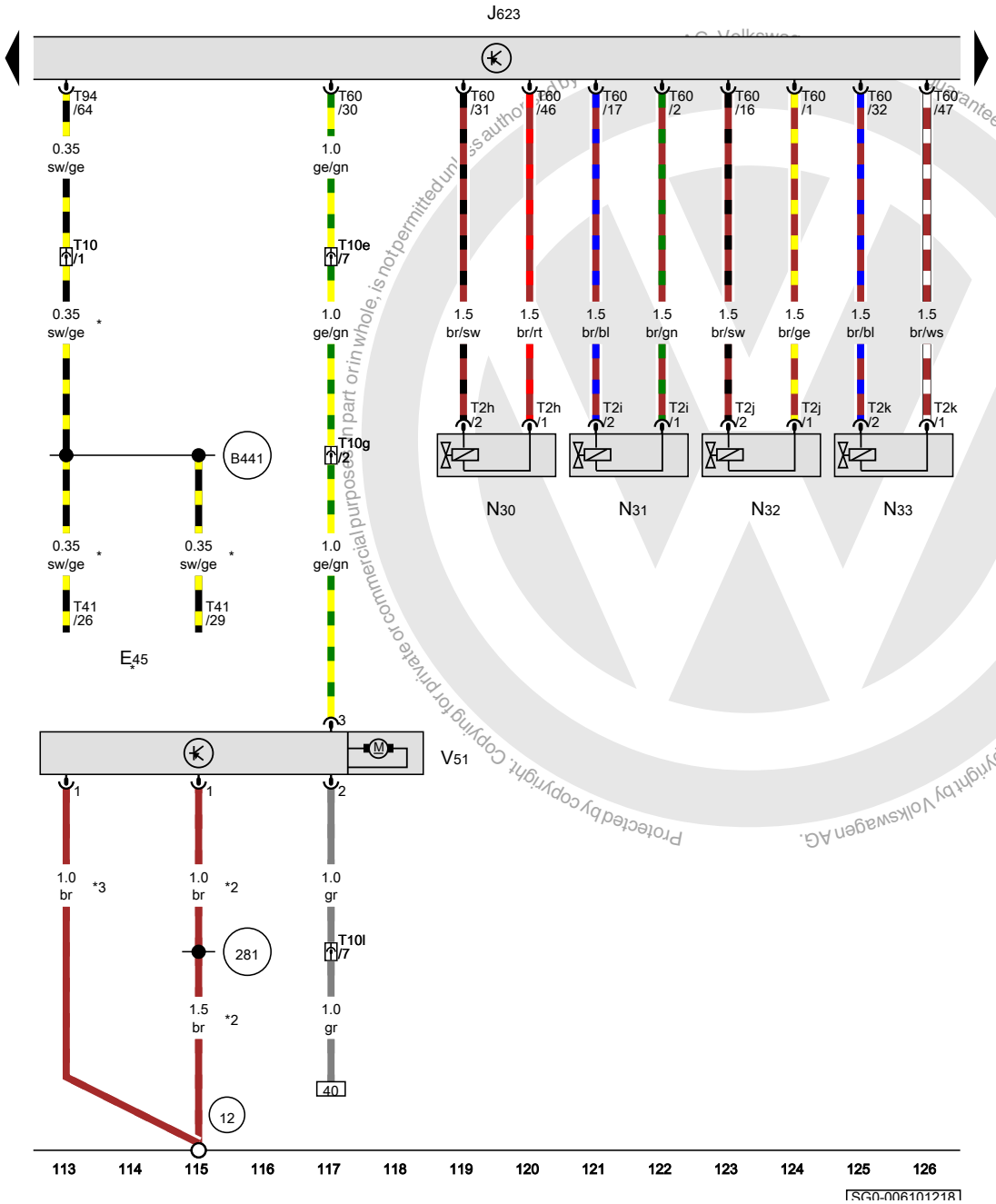

Cruise control system switch, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Continued coolant circulation pump

E45	Cruise control system switch
J623	Engine/motor control unit, in E-box in engine compartment
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2h	2-pin connector, black
T2i	2-pin connector, black
T2j	2-pin connector, black
T2k	2-pin connector, black
T10	10-pin connector, black, in E-box in engine compartment
T10e	10-pin connector, white, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T41	41-pin connector, grey
T60	60-pin connector, black
T94	94-pin connector, black
V51	Continued coolant circulation pump
12	Earth point, on left in engine compartment
281	Earth point 1, engine prewiring harness
B441	Connection (CCS), in main wiring harness
*	For models with cruise control system (CCS)
*2	For models with dual clutch gearbox (DSG)
*3	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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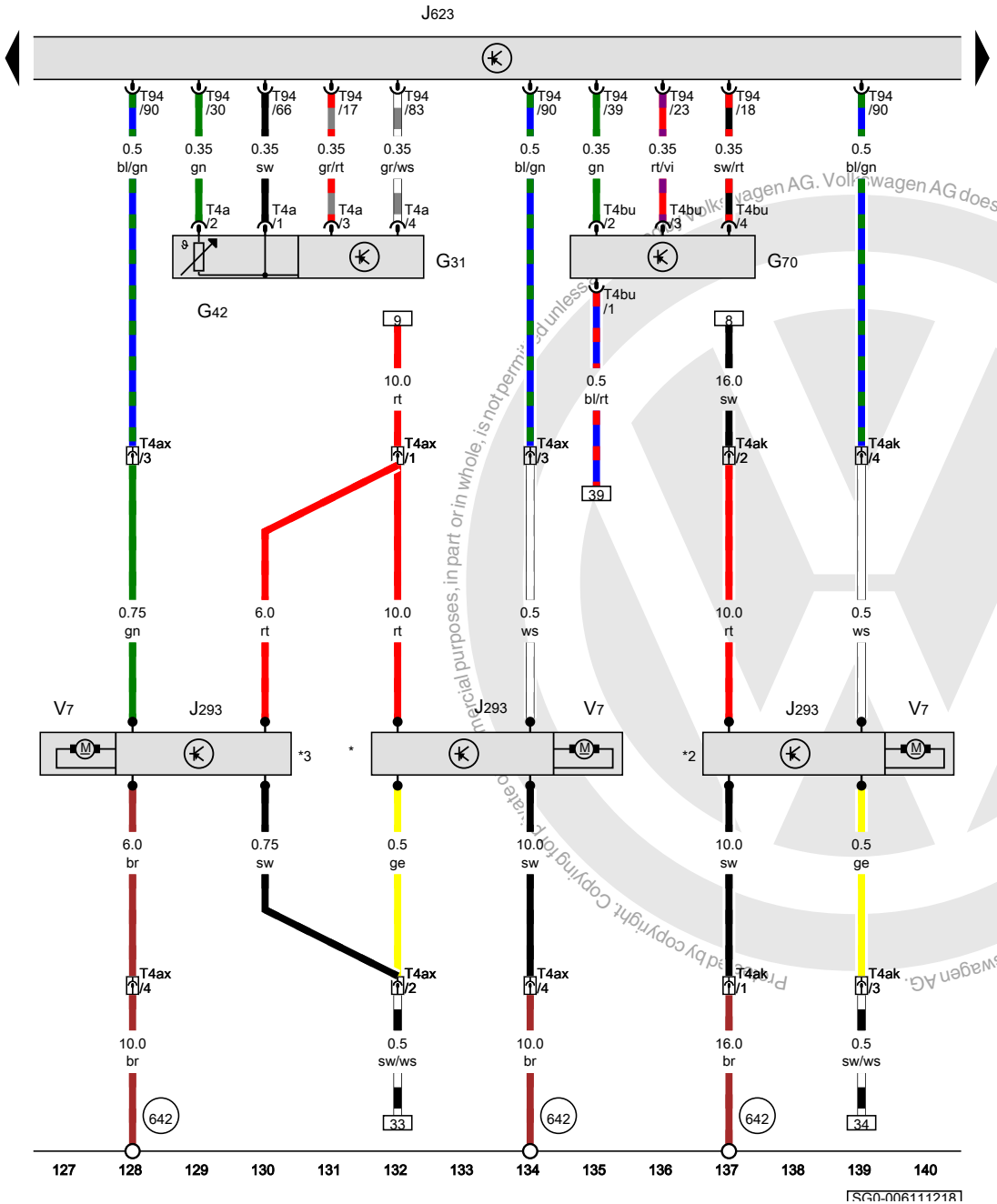

Charge pressure sender, Intake air temperature sender, Air mass meter, Radiator fan control unit, Engine/motor control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G70	Air mass meter
J293	Radiator fan control unit
J623	Engine/motor control unit, in E-box in engine compartment
T4a	4-pin connector, black
T4ak	4-pin connector, black, near radiator fan
T4ax	4-pin connector, black, near radiator fan
T4bu	4-pin connector, black
T94	94-pin connector, black
V7	Radiator fan
642	Earth point for electronically controlled fan
*	For models with medium fan output
*2	For models with increased fan output
*3	For models with low fan output

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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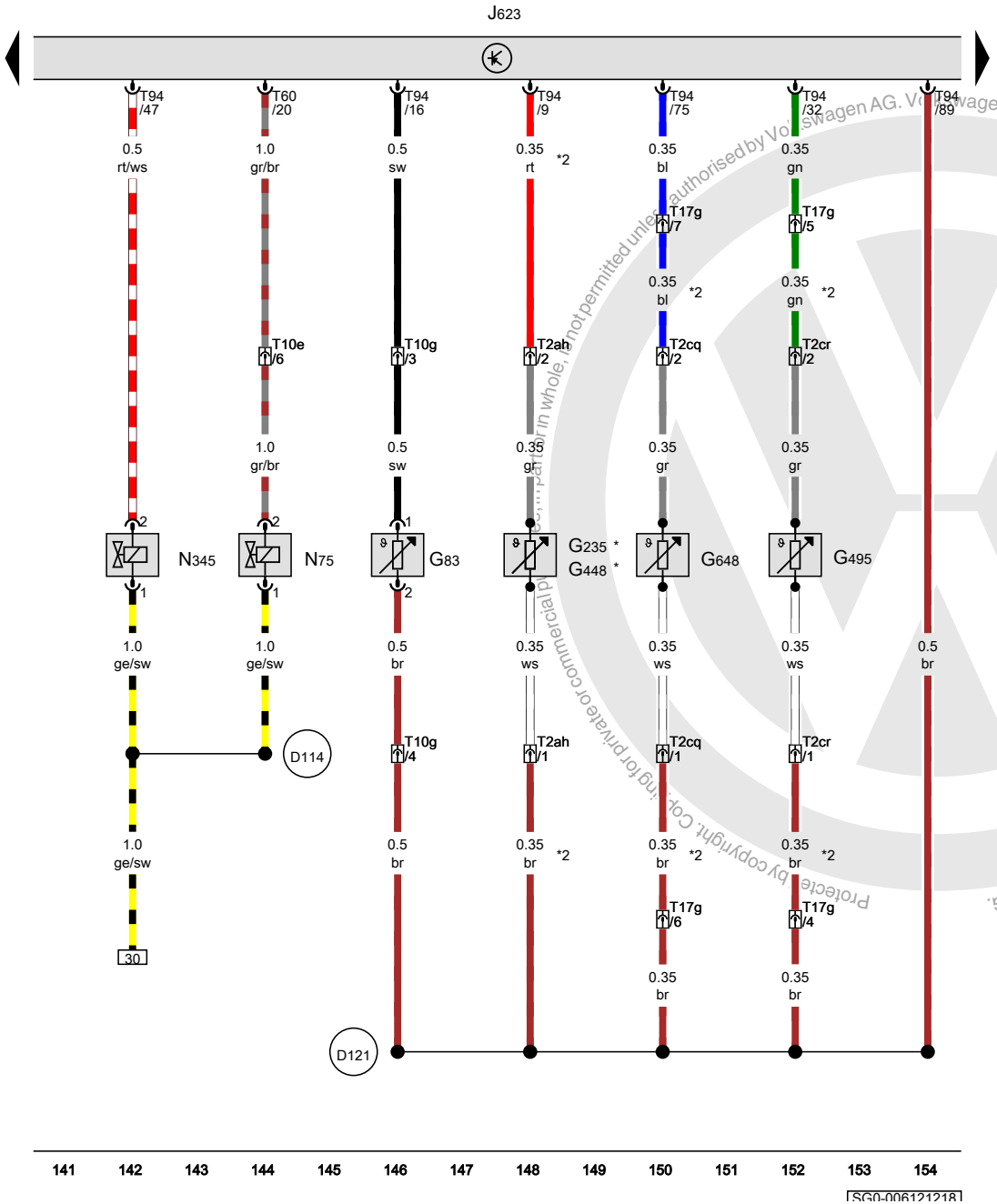

Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 2, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine/motor control unit, Charge pressure control solenoid valve, Exhaust gas recirculation cooler changeover valve

G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G448	Exhaust gas temperature sender 2
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine/motor control unit, in E-box in engine compartment
N75	Charge pressure control solenoid valve
N345	Exhaust gas recirculation cooler changeover valve
T2ah	2-pin connector, black, on right in engine compartment
T2cq	2-pin connector, light brown, on underbody, near cross panel
T2cr	2-pin connector, brown, on underbody, near cross panel
T10e	10-pin connector, white, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T17g	17-pin connector, black, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
D114	Connection 12 in engine compartment wiring harness
D121	Connection 19 in engine compartment wiring harness
*	According to equipment
*2	For models with diesel particulate filter

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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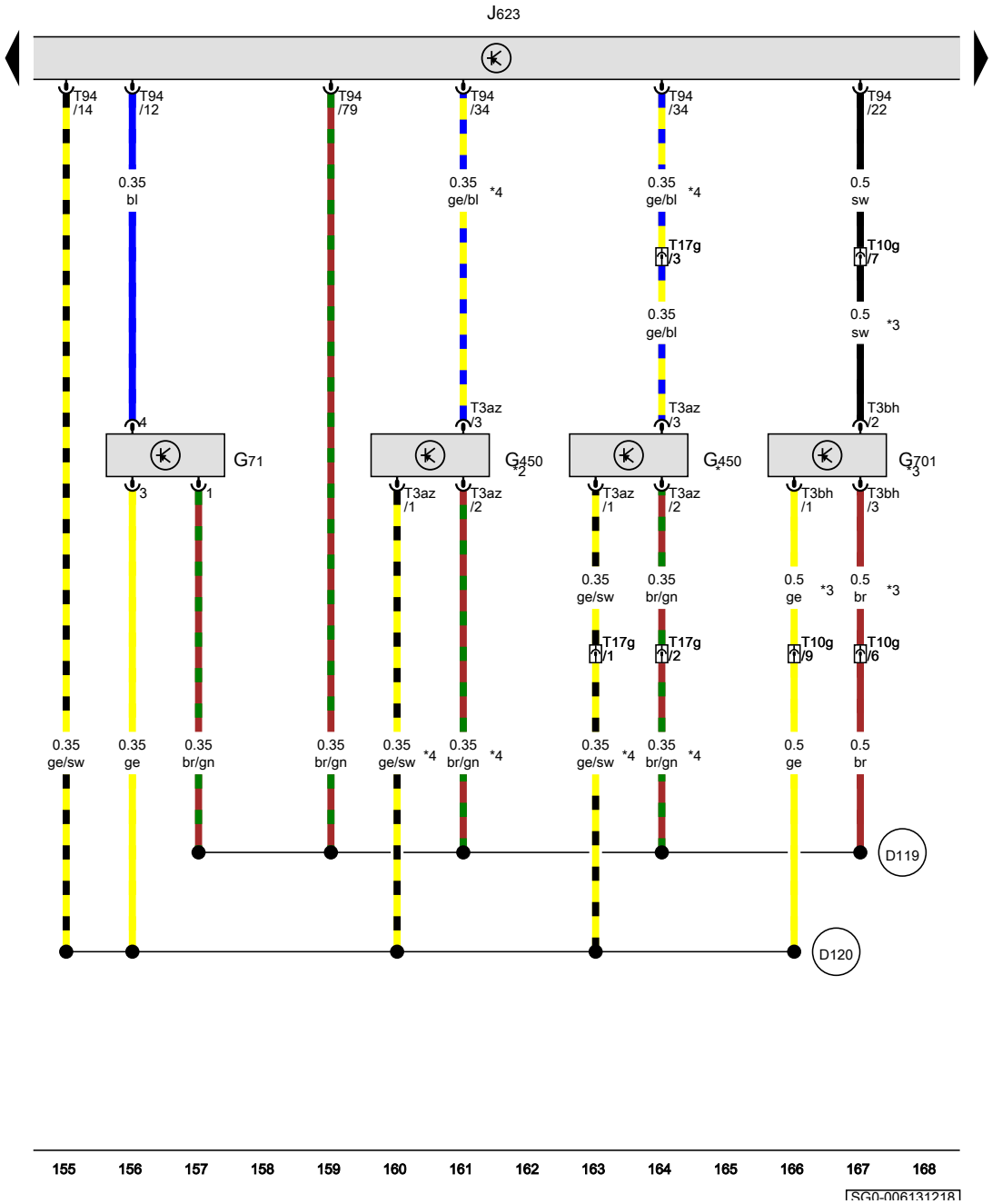

Intake manifold pressure sender, Exhaust gas pressure sensor 1, Engine/motor control unit

G71	Intake manifold pressure sender
G450	Exhaust gas pressure sensor 1
G701	Gearbox neutral position sender
J623	Engine/motor control unit, in E-box in engine compartment
T3az	3-pin connector, black
T3bh	3-pin connector, black
T10g	10-pin connector, grey, in E-box in engine compartment
T17g	17-pin connector, black, in E-box in engine compartment
T94	94-pin connector, black
D119	Connection 17 in engine compartment wiring harness
D120	Connection 18 in engine compartment wiring harness
*	For models with all-wheel drive
*2	For models with no all-wheel drive
*3	For models with manual gearbox
*4	For models with diesel particulate filter

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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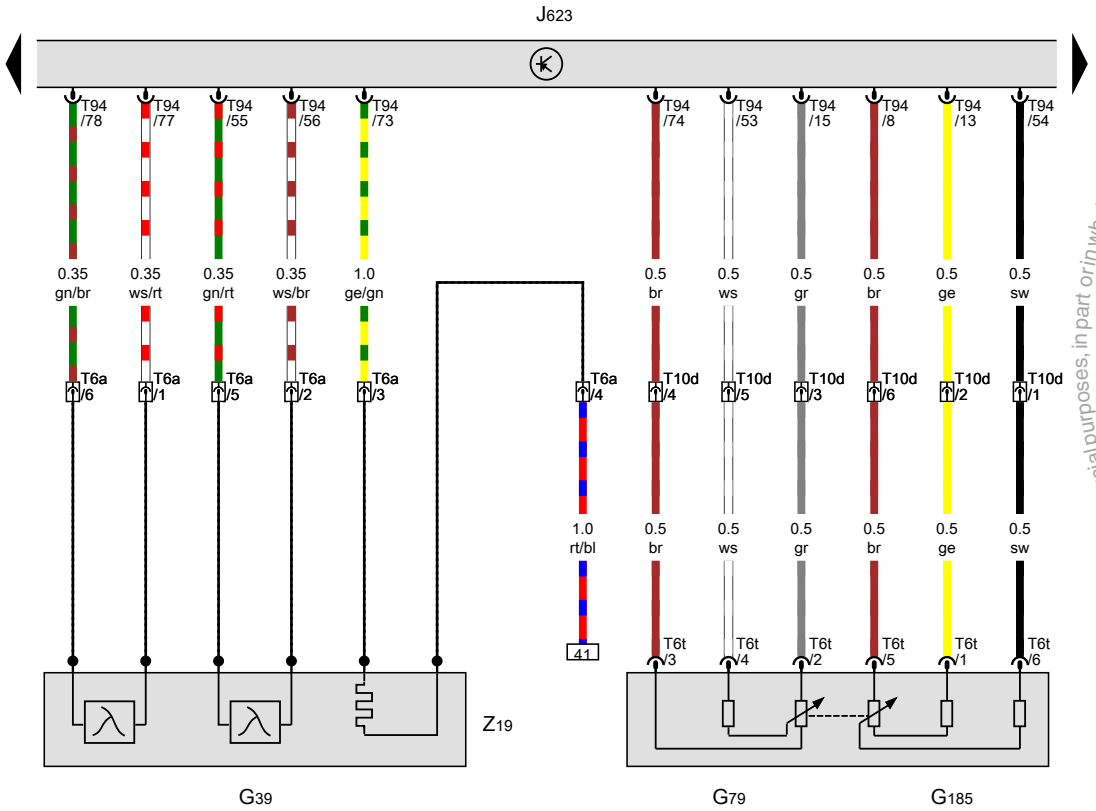

Lambda probe, Accelerator position sender, Accelerator position sender 2, Engine/motor control unit, Lambda probe heater

G39	Lambda probe
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit, in E-box in engine compartment
T6a	6-pin connector, black, on right in engine compartment
T6t	6-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T94	94-pin connector, black
Z19	Lambda probe heater

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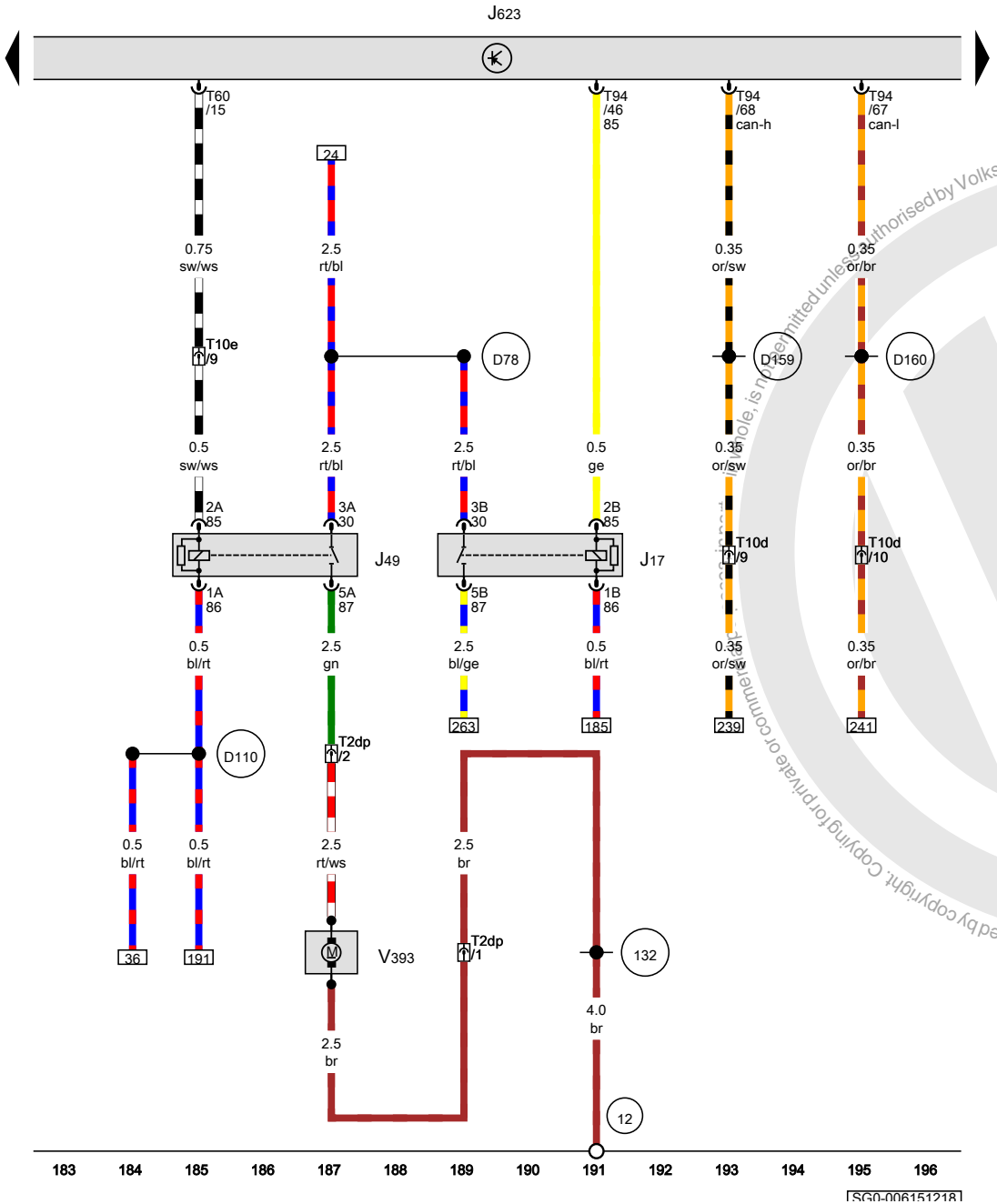

Fuel pump relay, Electric fuel pump 2 relay, Engine/motor control unit, Supplementary fuel pump

J17	Fuel pump relay, in E-box in engine compartment
J49	Electric fuel pump 2 relay, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
T2dp	2-pin connector, black, near fuel filter
T10d	10-pin connector, blue, in E-box in engine compartment
T10e	10-pin connector, white, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
V393	Supplementary fuel pump
12	Earth point, on left in engine compartment
132	Earth connection 3, in engine compartment wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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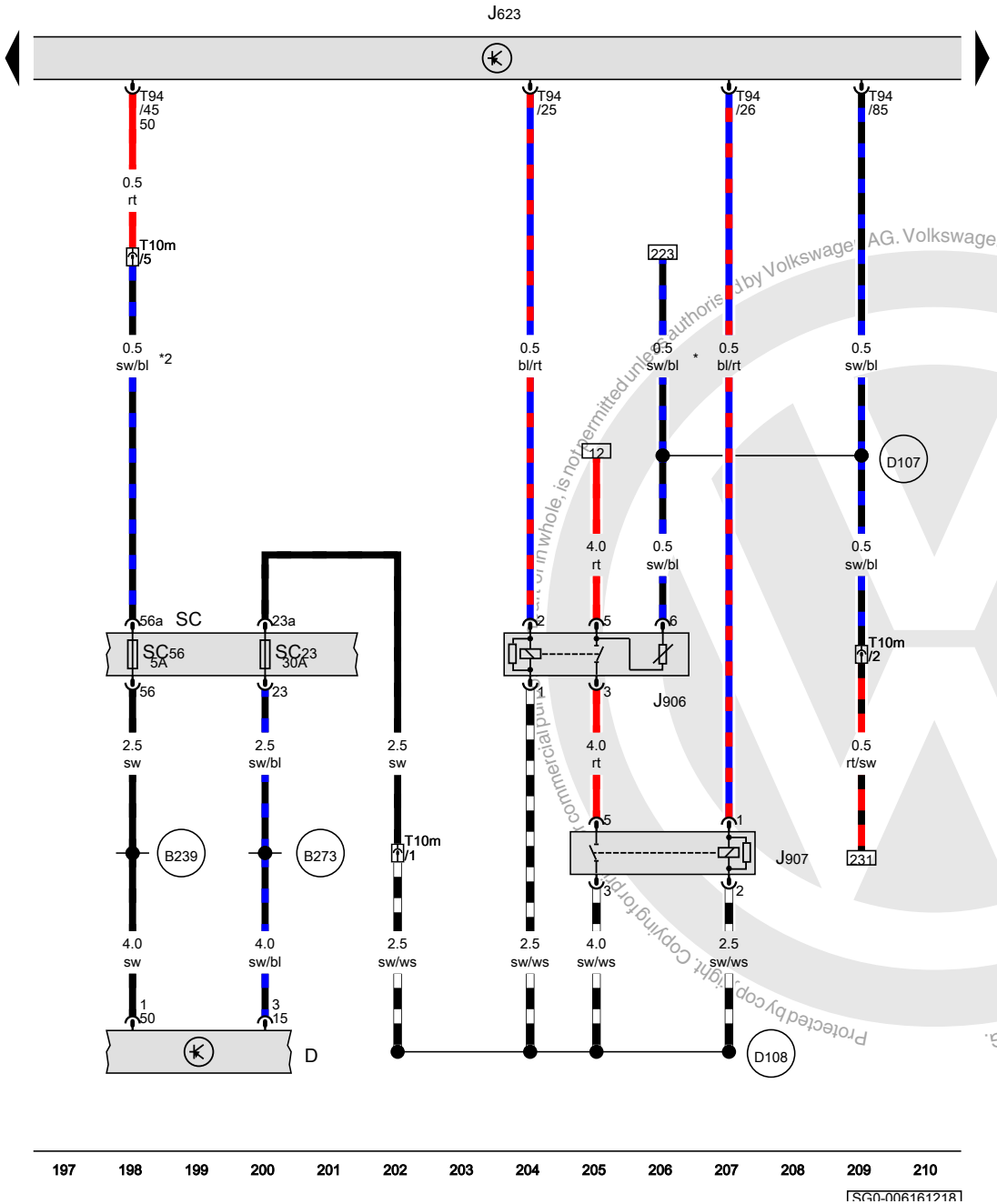

Ignition/starter switch, Engine/motor control unit, Starter relay 1, Starter relay 2, Fuse holder C, Fuse 23 on fuse holder C, Fuse 56 on fuse holder C

D	Ignition/starter switch
J623	Engine/motor control unit, in E-box in engine compartment
J906	Starter relay 1, in E-box in engine compartment
J907	Starter relay 2, in E-box in engine compartment
SC	Fuse holder C
SC23	Fuse 23 on fuse holder C
SC56	Fuse 56 on fuse holder C
T10m	10-pin connector, light pink, in E-box in engine compartment
T94	94-pin connector, black
B239	Positive connection 1 (50), in interior wiring harness
B273	Positive connection (15), in main wiring harness
D107	Connection 5 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
*	Up to June 2016
*2	For models with no electric interface

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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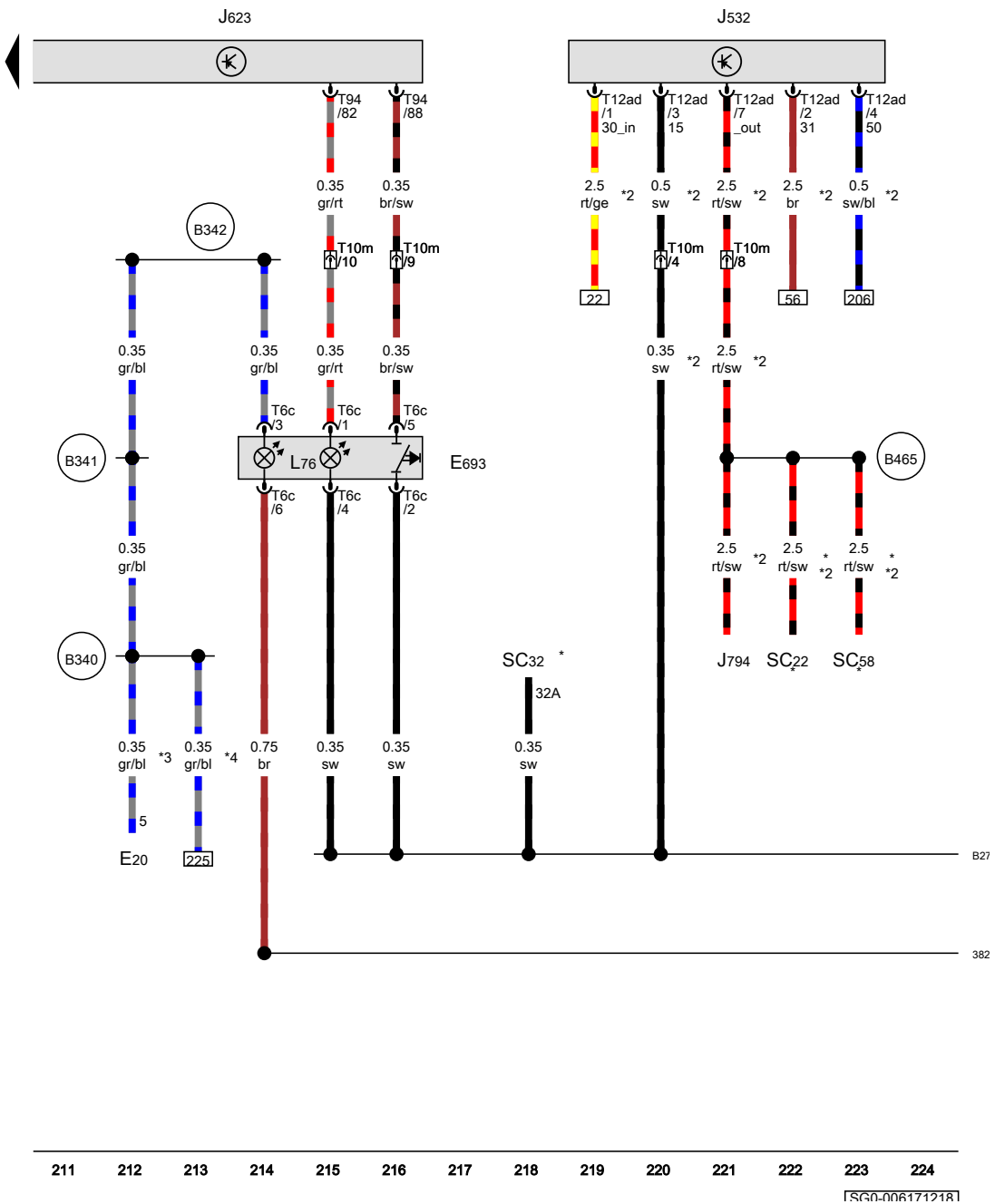

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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Start/Stop operation button, Voltage stabiliser, Engine/ motor control unit

E20	Switch and instrument illumination regulator
E693	Start/Stop operation button
J532	Voltage stabiliser, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
J794	Control unit 1 for information electronics
L76	Button illumination bulb
SC22	Fuse 22 on fuse holder C
SC32	Fuse 32 on fuse holder C
SC58	Fuse 58 on fuse holder C
T6c	6-pin connector, white
T10m	10-pin connector, light pink, in E-box in engine compartment
T12ad	12-pin connector, black
T94	94-pin connector, black
382	Earth connection 17, in main wiring harness
B277	Positive connection 1 (15a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B342	Connection 3 (58d), in main wiring harness
B465	Connection 1, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Up to June 2016
*3	For models with dimmable instrument illumination
*4	For models with no dimmable instrument illumination

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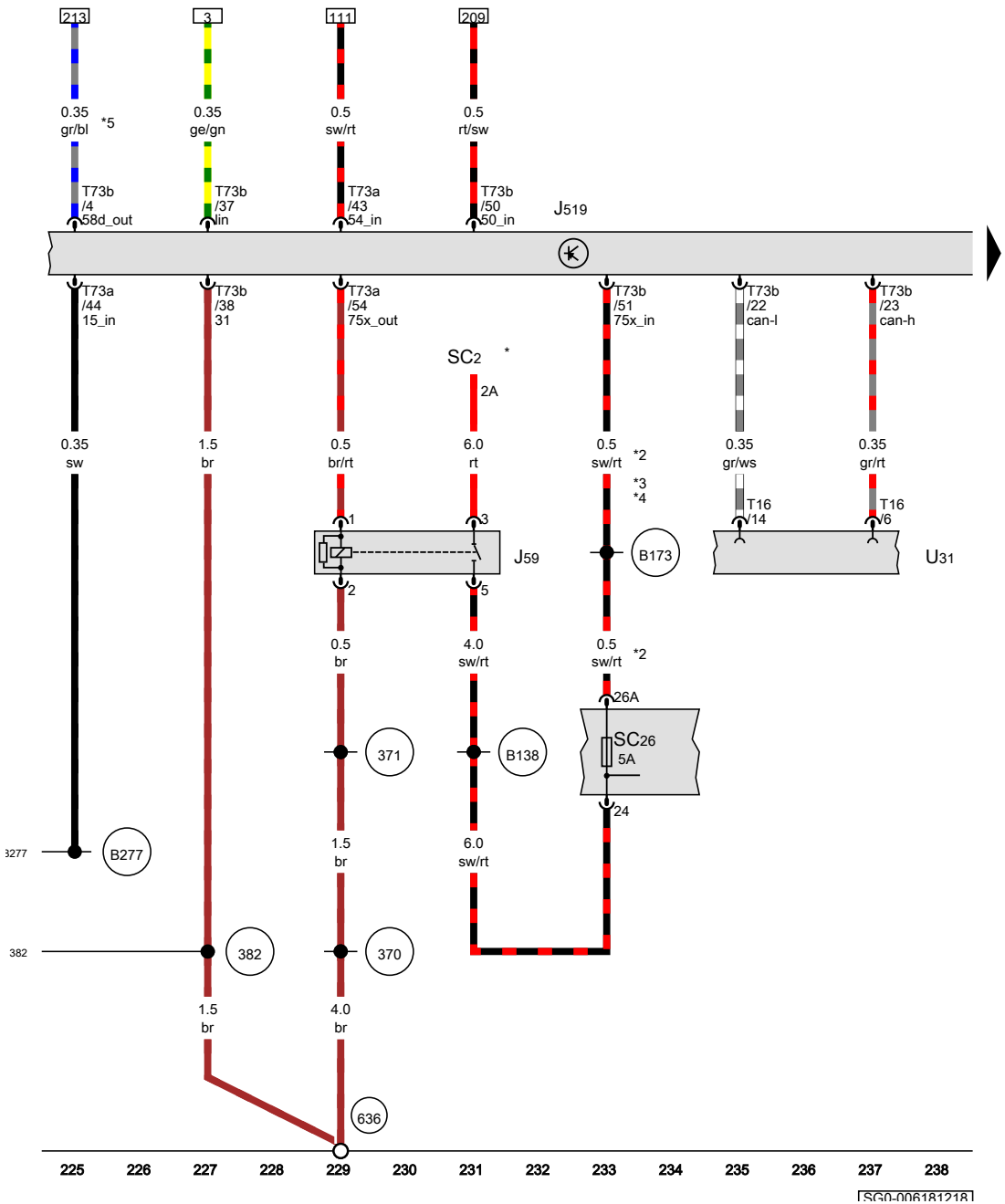

X-contact relief relay, Onboard supply control unit, Diagnostic connection

J59	X-contact relief relay
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
SC26	Fuse 26 on fuse holder C
T16	16-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
U31	Diagnostic connection
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
382	Earth connection 17, in main wiring harness
636	Earth point, onboard supply control unit
B138	Positive connection (X), in interior wiring harness
B173	Positive connection 2 (X), in interior wiring harness
B277	Positive connection 1 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Up to June 2016
*3	From June 2016
*4	For models with special police equipment
*5	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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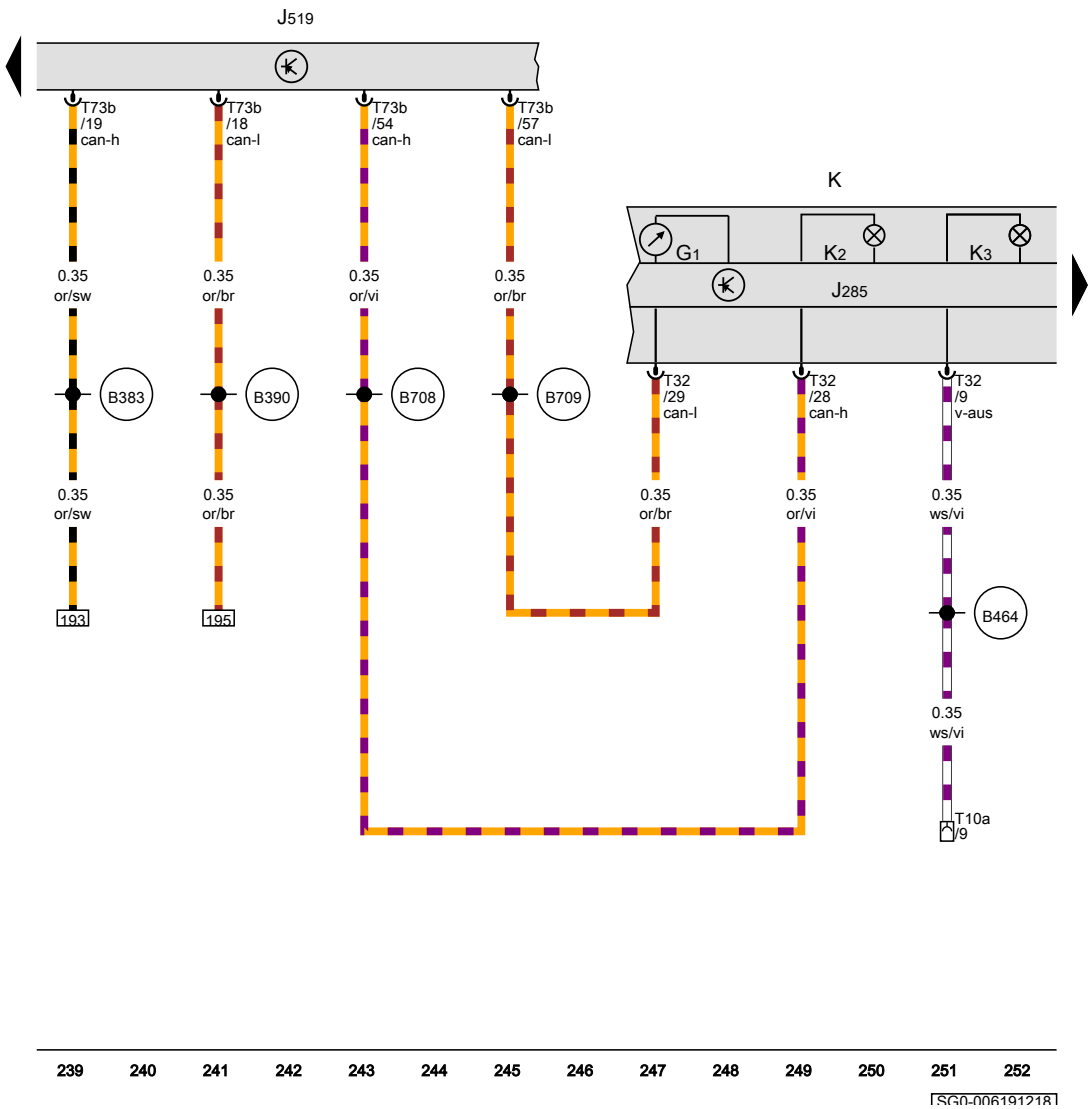
Fuel gauge, Onboard supply control unit, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp

G1	Fuel gauge
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
T10a	10-pin connector, brown, in E-box in engine compartment
T32	32-pin connector, blue
T73b	73-pin connector, white
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B464	Connection (speed signal), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness



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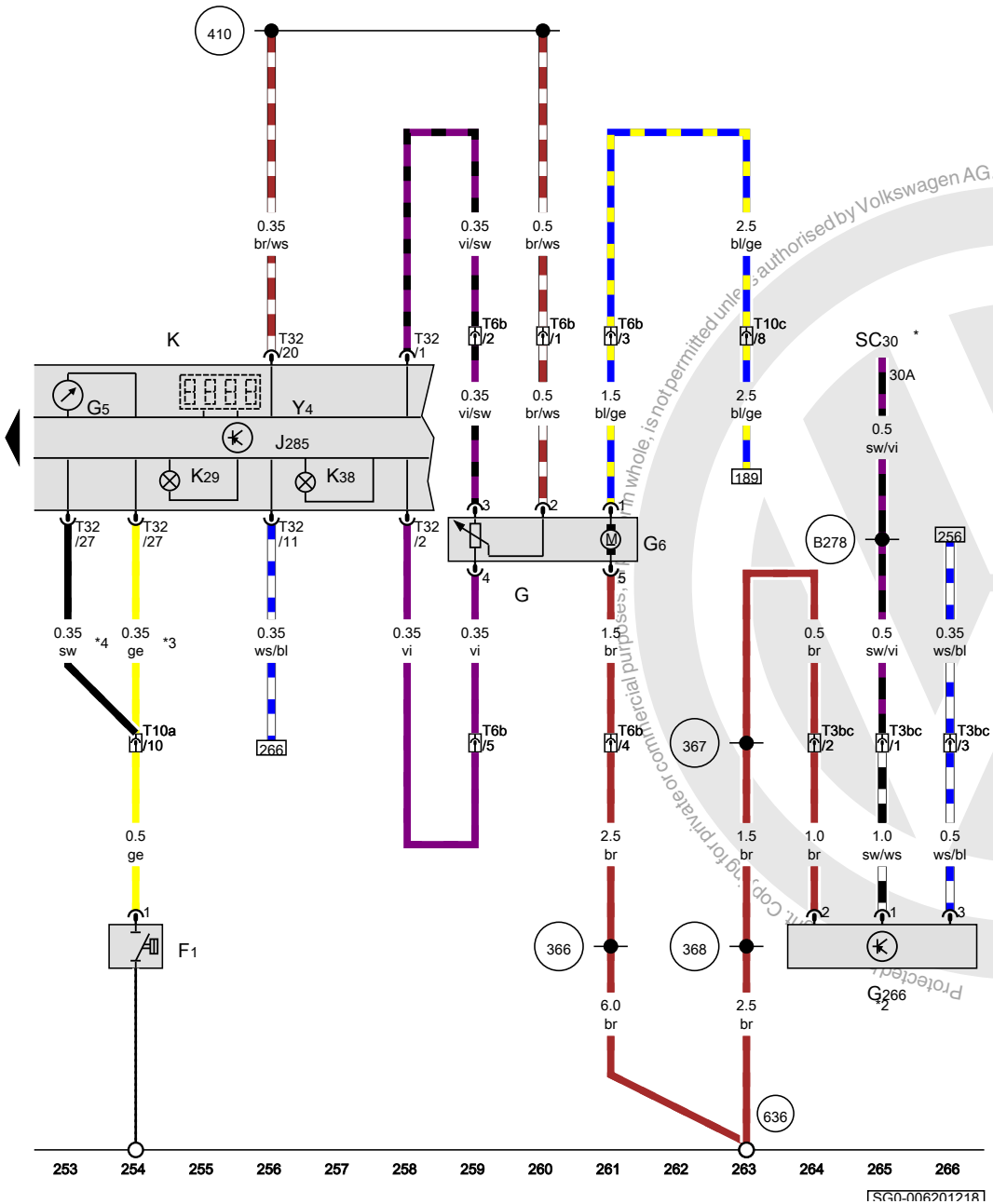
Oil pressure switch, Fuel gauge sender, Rev. counter, Fuel system pressurisation pump, Oil level and oil temperature sender, Dash panel insert, Glow period warning lamp, Oil level warning lamp



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gn	=	green
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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

F1	Oil pressure switch
G	Fuel gauge sender
G5	Rev. counter
G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K	Dash panel insert
K29	Glow period warning lamp
K38	Oil level warning lamp
SC30	Fuse 30 on fuse holder C
T3bc	3-pin connector, black, on underbody, near cross panel
T6b	6-pin connector, black, on fuel tank
T10a	10-pin connector, brown, in E-box in engine compartment
T10c	10-pin connector, yellow, in E-box in engine compartment
T32	32-pin connector, blue
Y4	Trip counter
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
410	Earth connection 1 (sender earth) in main wiring harness
636	Earth point, onboard supply control unit
B278	Positive connection 2 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with extended service intervals (ESI)
*3	Up to June 2016
*4	From June 2016

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2.0l diesel engine with start/stop system , CFCA,(7L6)

From June 2015

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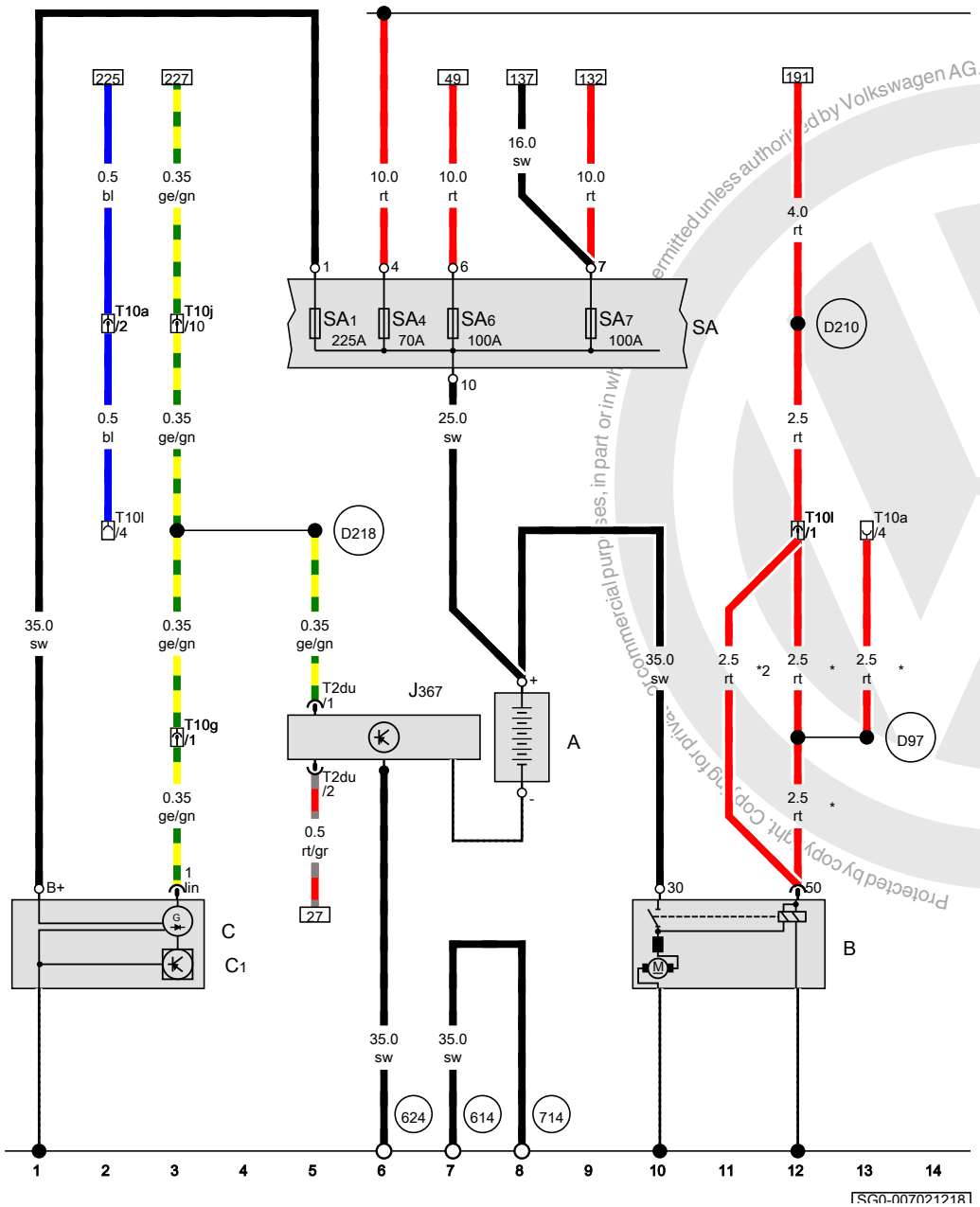

Battery, Starter, Alternator, Voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J367	Battery monitor control unit
SA	Fuse holder A, in E-box in engine compartment
SA1	Fuse 1 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
T2du	2-pin connector, black
T10a	10-pin connector, brown, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T10j	10-pin connector, dark brown, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
614	Earth point 2, on right in engine compartment
624	Earth point, starter battery
714	Earth point on right of engine
D50	Positive connection (30), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D210	Connection (50), in engine compartment wiring harness
D218	Connection 1 (LIN bus) in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox (DSG)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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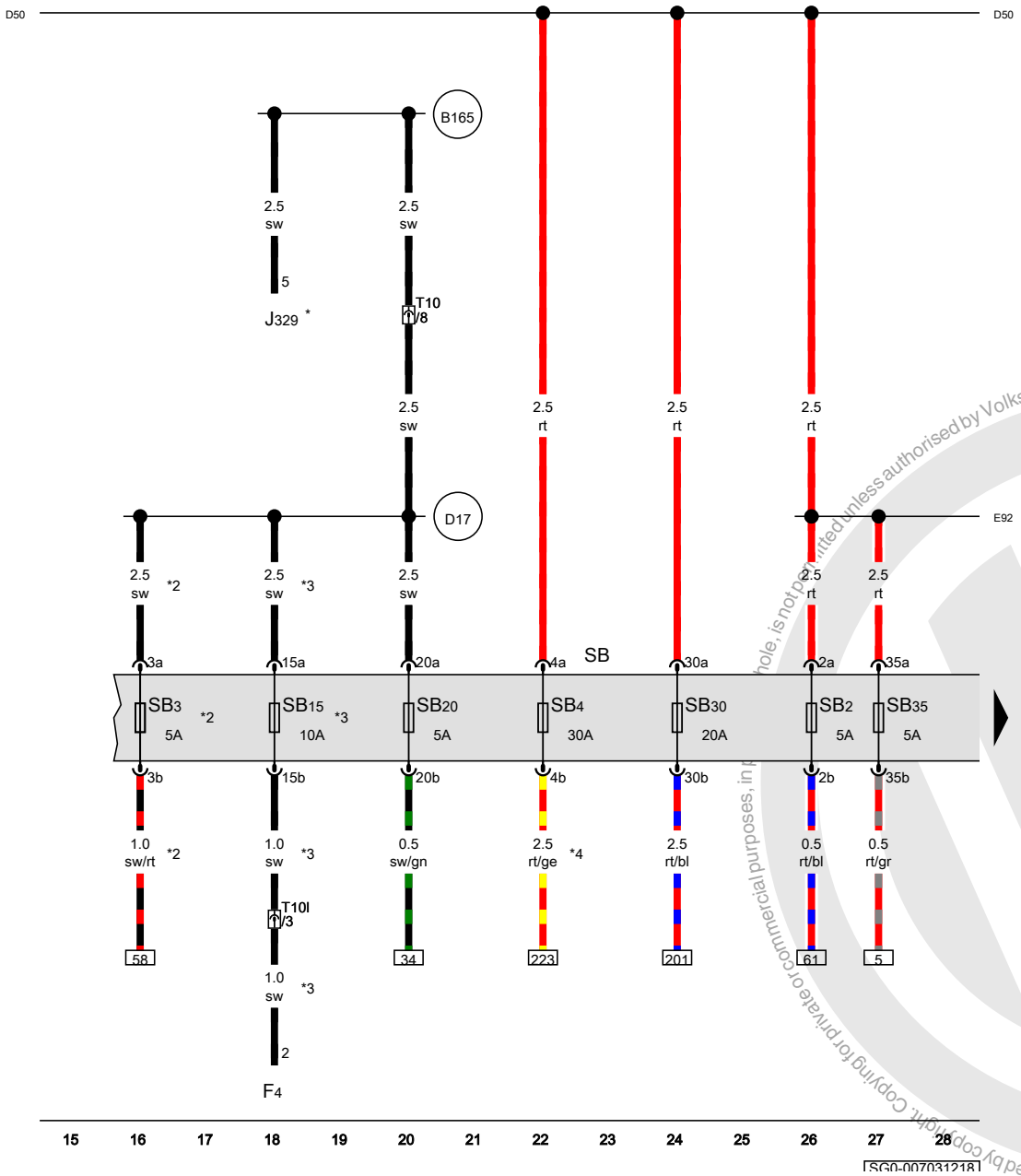

Fuse holder B

F4	Reversing light switch
J329	Terminal 15 voltage supply relay
SB	Fuse holder B, in E-box in engine compartment
SB2	Fuse 2 on fuse holder B
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB30	Fuse 30 on fuse holder B
SB35	Fuse 35 on fuse holder B
T10	10-pin connector, black, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
B165	Positive connection 2 (15), in interior wiring harness
D17	Positive connection 1 (15), in engine harness
D50	Positive connection (30), in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with crankcase breather heater element
*3	For models with manual gearbox
*4	Up to June 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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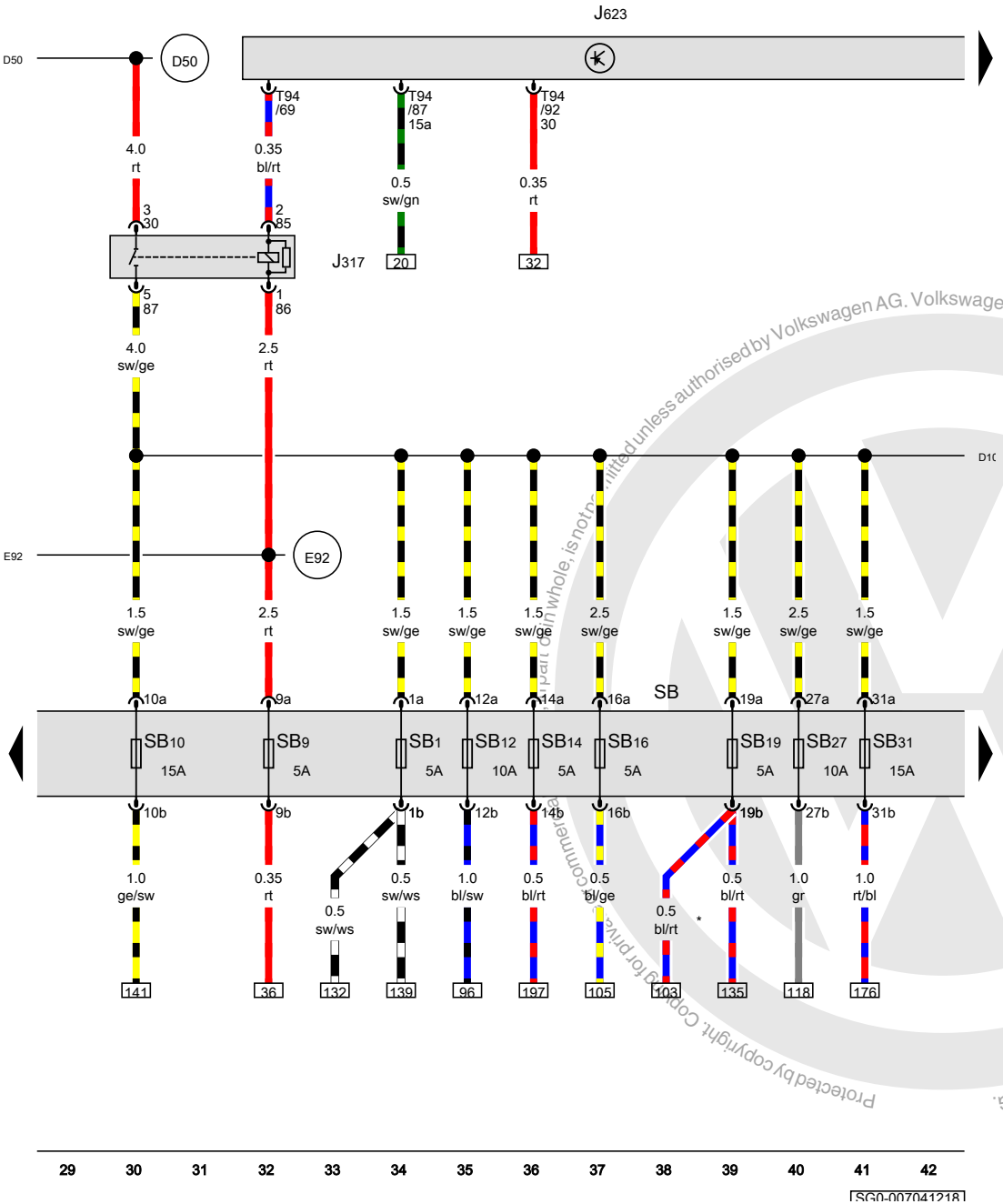

Terminal 30 voltage supply relay, Engine/motor control unit, Fuse holder B

J317	Terminal 30 voltage supply relay, in E-box
J623	Engine/motor control unit, in E-box in engine compartment
SB	Fuse holder B, in E-box in engine compartment
SB1	Fuse 1 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB19	Fuse 19 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB31	Fuse 31 on fuse holder B
T94	94-pin connector, black
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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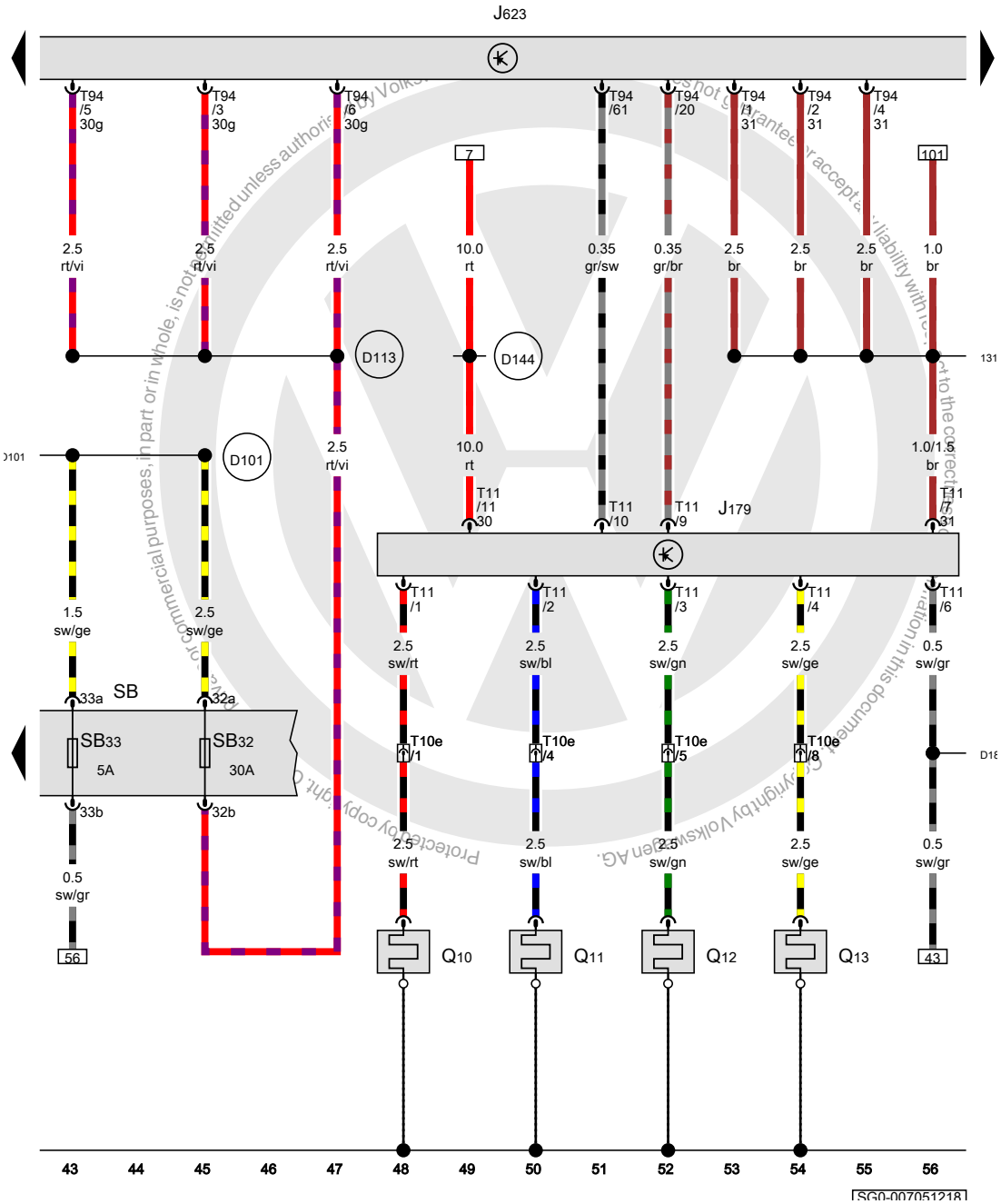

Automatic glow period control unit, Engine/motor control unit, Fuse holder B

J179	Automatic glow period control unit, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
SB	Fuse holder B, in E-box in engine compartment
SB32	Fuse 32 on fuse holder B
SB33	Fuse 33 on fuse holder B
T10e	10-pin connector, white, in E-box in engine compartment
T11	11-pin connector, black
T94	94-pin connector, black
131	Earth connection 2, in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness
D144	Positive connection 5 (30), in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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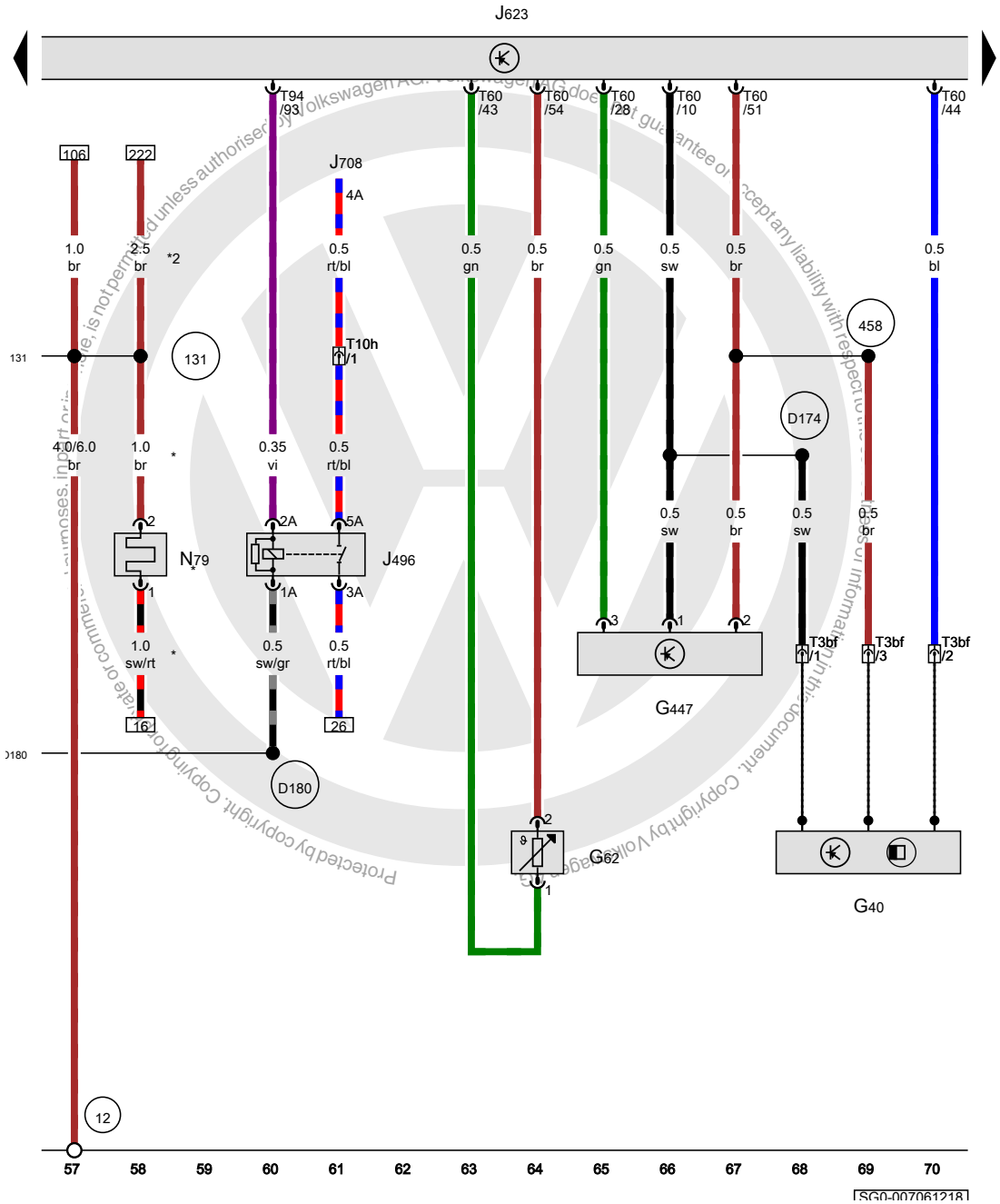
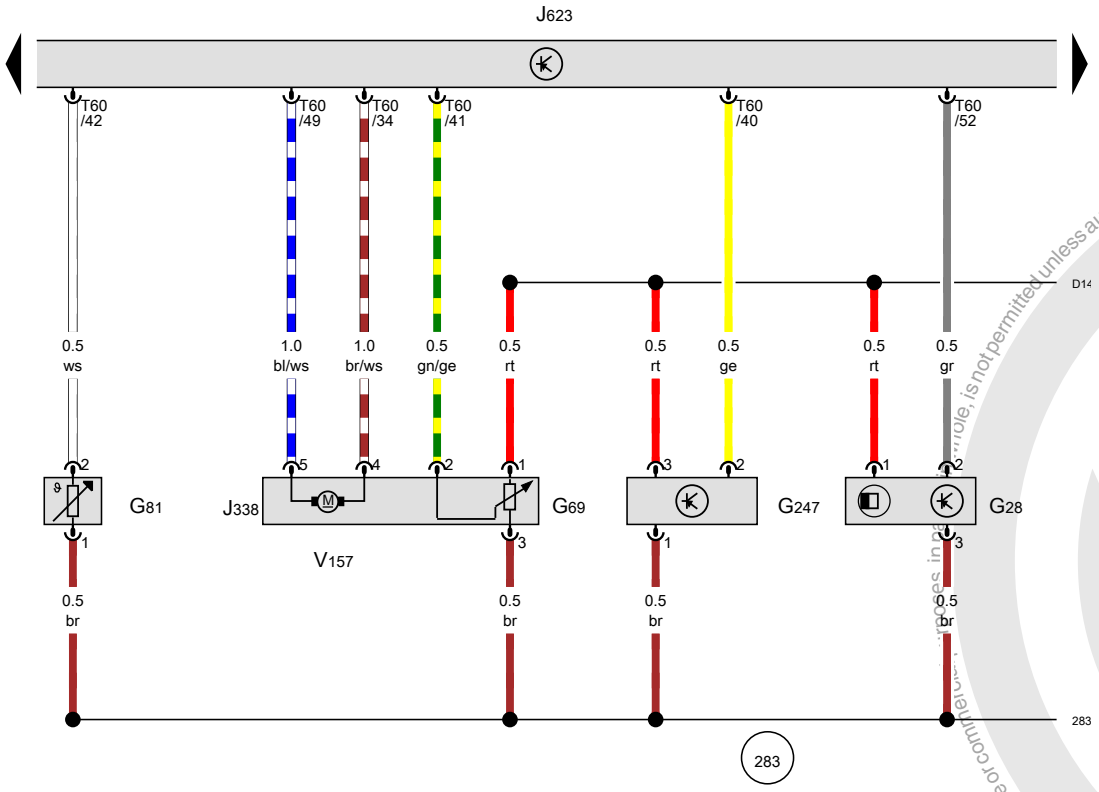


Hall sender, Coolant temperature sender, Charge pressure sender 2, Additional coolant pump relay, Engine/motor control unit, Heater element for crankcase breather

G40	Hall sender
G62	Coolant temperature sender
G447	Charge pressure sender 2
J496	Additional coolant pump relay, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
J708	Residual heat relay
N79	Heater element for crankcase breather
T3bf	3-pin connector, black, near alternator
T10h	10-pin connector, orange, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
458	Earth point 3, engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness
D180	Connection (87a), in engine compartment wiring harness
*	For models with crankcase breather heater element
*2	Up to June 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Engine speed sender, Throttle valve potentiometer, Fuel temperature sender, Fuel pressure sender, Throttle valve module, Engine/motor control unit, Intake manifold flap motor



G28	Engine speed sender
G69	Throttle valve potentiometer
G81	Fuel temperature sender
G247	Fuel pressure sender
J338	Throttle valve module
J623	Engine/motor control unit, in E-box in engine compartment
T60	60-pin connector, black
V157	Intake manifold flap motor
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness

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ro	=	red
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br	=	brown
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or	=	orange
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71 72 73 74 75 76 77 78 79 80 81 82 83 84

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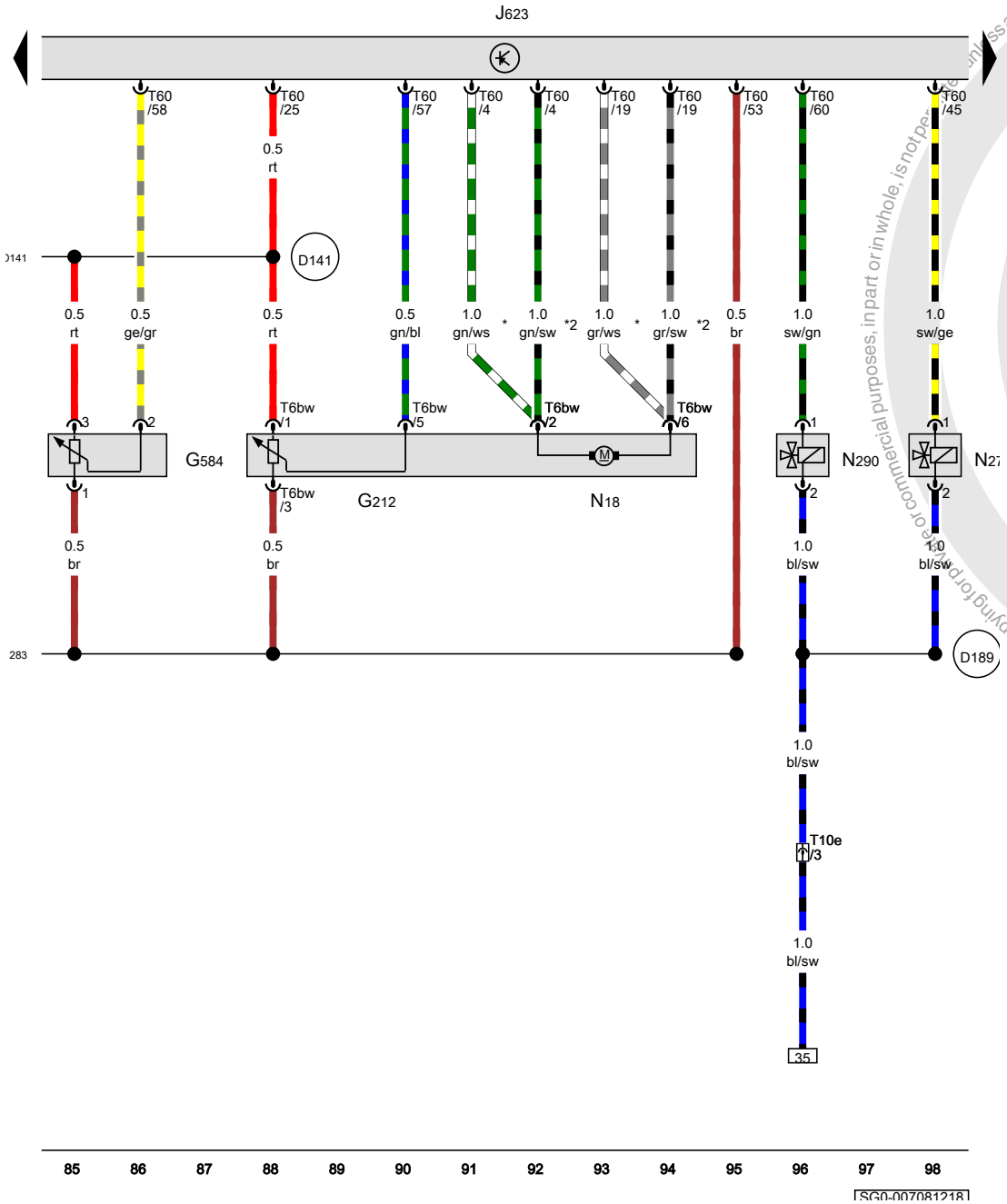
Exhaust gas recirculation potentiometer, Regulating flap potentiometer, Engine/motor control unit, Exhaust gas recirculation valve, Fuel pressure regulating valve, Fuel metering valve

G212	Exhaust gas recirculation potentiometer
G584	Regulating flap potentiometer
J623	Engine/motor control unit, in E-box in engine compartment
N18	Exhaust gas recirculation valve
N276	Fuel pressure regulating valve
N290	Fuel metering valve
T6bw	6-pin connector, grey
T10e	10-pin connector, white, in E-box in engine compartment
T60	60-pin connector, black
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness
D189	Connection (87a) in engine prewiring harness
*	Up to June 2016
*2	From June 2016



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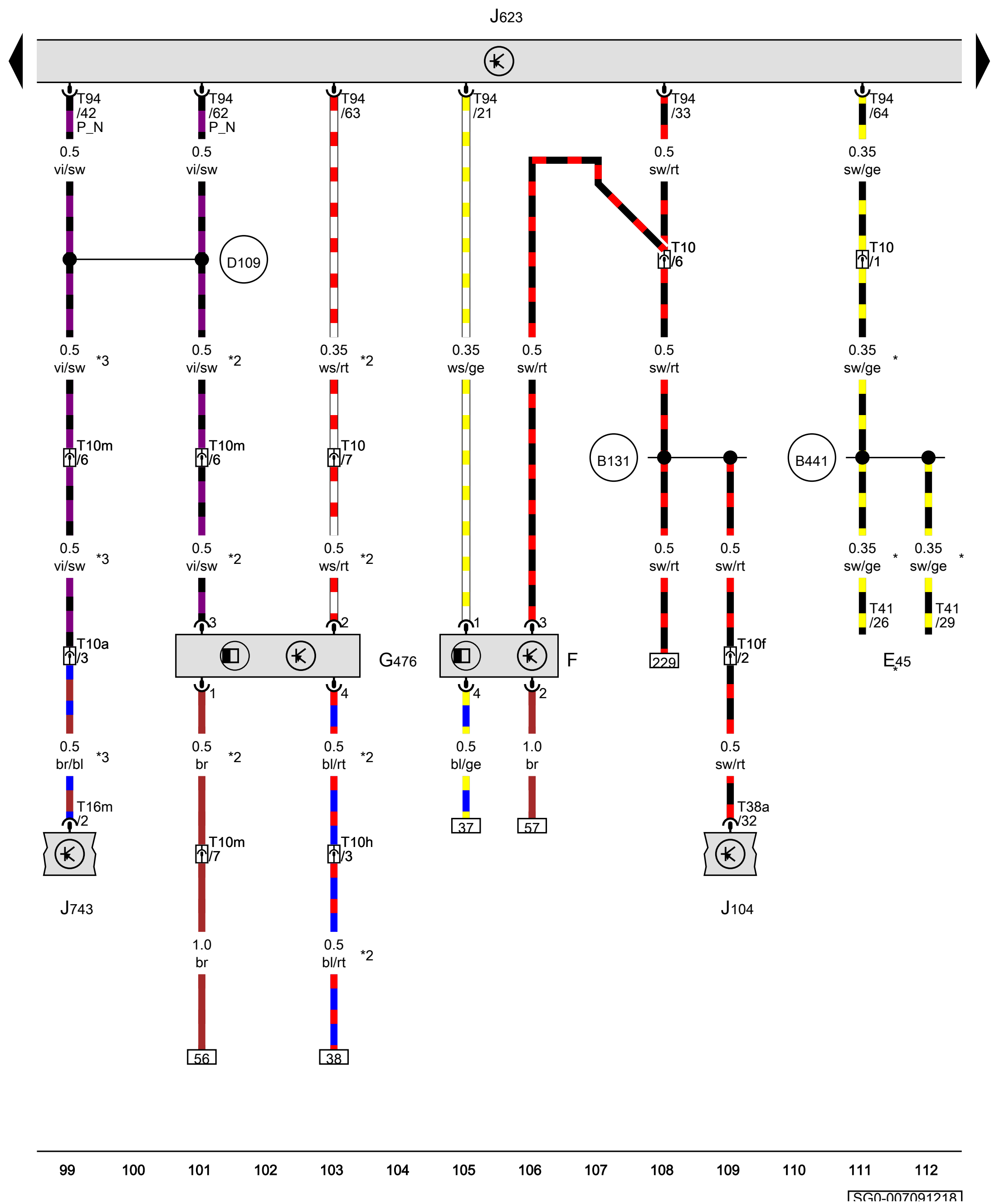
Cruise control system switch, Brake light switch, Clutch position sender, Engine/motor control unit, Mechatronic unit for dual clutch gearbox



E45	Cruise control system switch	
F	Brake light switch, on brake master cylinder	
G476	Clutch position sender	
J104	ABS control unit	
J623	Engine/motor control unit, in E-box in engine compartment	
J743	Mechatronic unit for dual clutch gearbox	
T10	10-pin connector, black, in E-box in engine compartment	
T10a	10-pin connector, brown, in E-box in engine compartment	
T10f	10-pin connector, green, in E-box in engine compartment	
T10h	10-pin connector, orange, in E-box in engine compartment	
T10m	10-pin connector, light pink, in E-box in engine compartment	
T16m	16-pin connector, black	
T38a	38-pin connector, black	
T41	41-pin connector, grey	
T94	94-pin connector, black	
B131	Connection (54), in interior wiring harness	
B441	Connection (CCS), in main wiring harness	
D109	Connection 7 in engine compartment wiring harness	
*	For models with cruise control system (CCS)	
*2	For models with manual gearbox	
*3	For models with dual clutch gearbox	

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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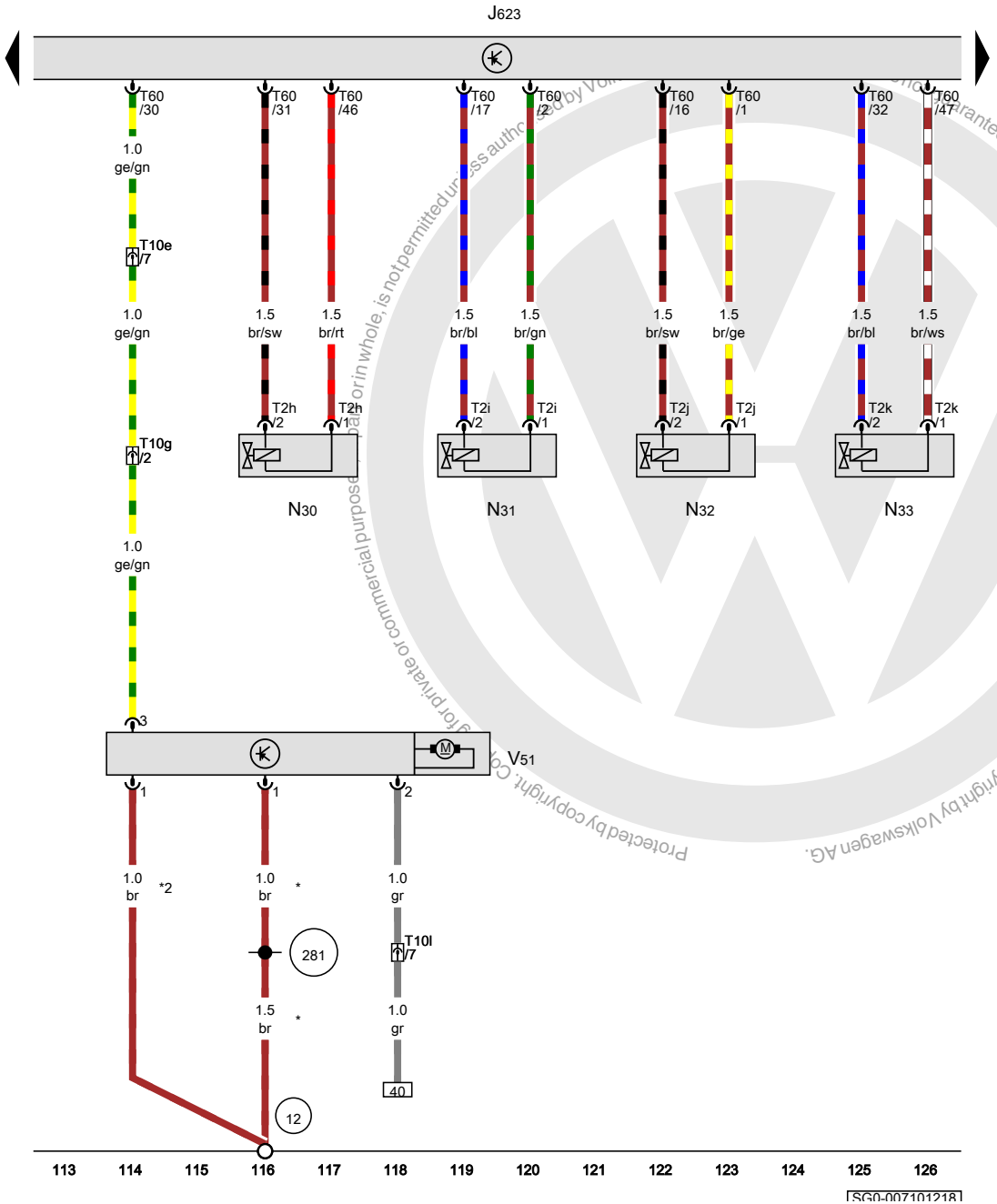

Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Continued coolant circulation pump

J623	Engine/motor control unit, in E-box in engine compartment
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2h	2-pin connector, black
T2i	2-pin connector, black
T2j	2-pin connector, black
T2k	2-pin connector, black
T10e	10-pin connector, white, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T60	60-pin connector, black
V51	Continued coolant circulation pump
12	Earth point, on left in engine compartment
281	Earth point 1, engine prewiring harness
*	For models with dual clutch gearbox (DSG)
*2	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
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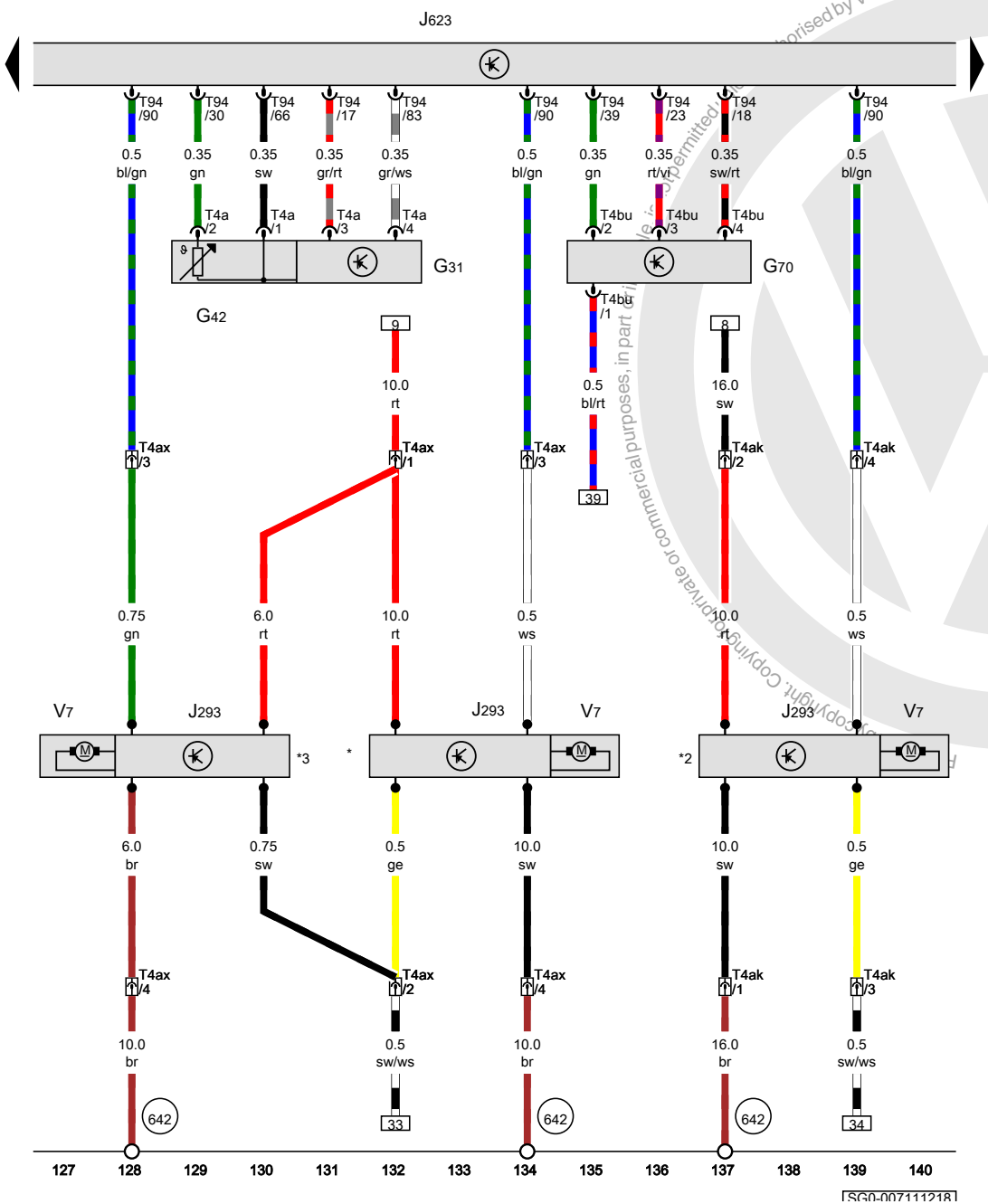

Charge pressure sender, Intake air temperature sender, Air mass meter, Radiator fan control unit, Engine/motor control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G70	Air mass meter
J293	Radiator fan control unit
J623	Engine/motor control unit, in E-box in engine compartment
T4a	4-pin connector, black
T4ak	4-pin connector, black, near radiator fan
T4ax	4-pin connector, black, near radiator fan
T4bu	4-pin connector, black
T94	94-pin connector, black
V7	Radiator fan
642	Earth point for electronically controlled fan
*	For models with medium fan output
*2	For models with increased fan output
*3	For models with low fan output

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
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or	=	orange
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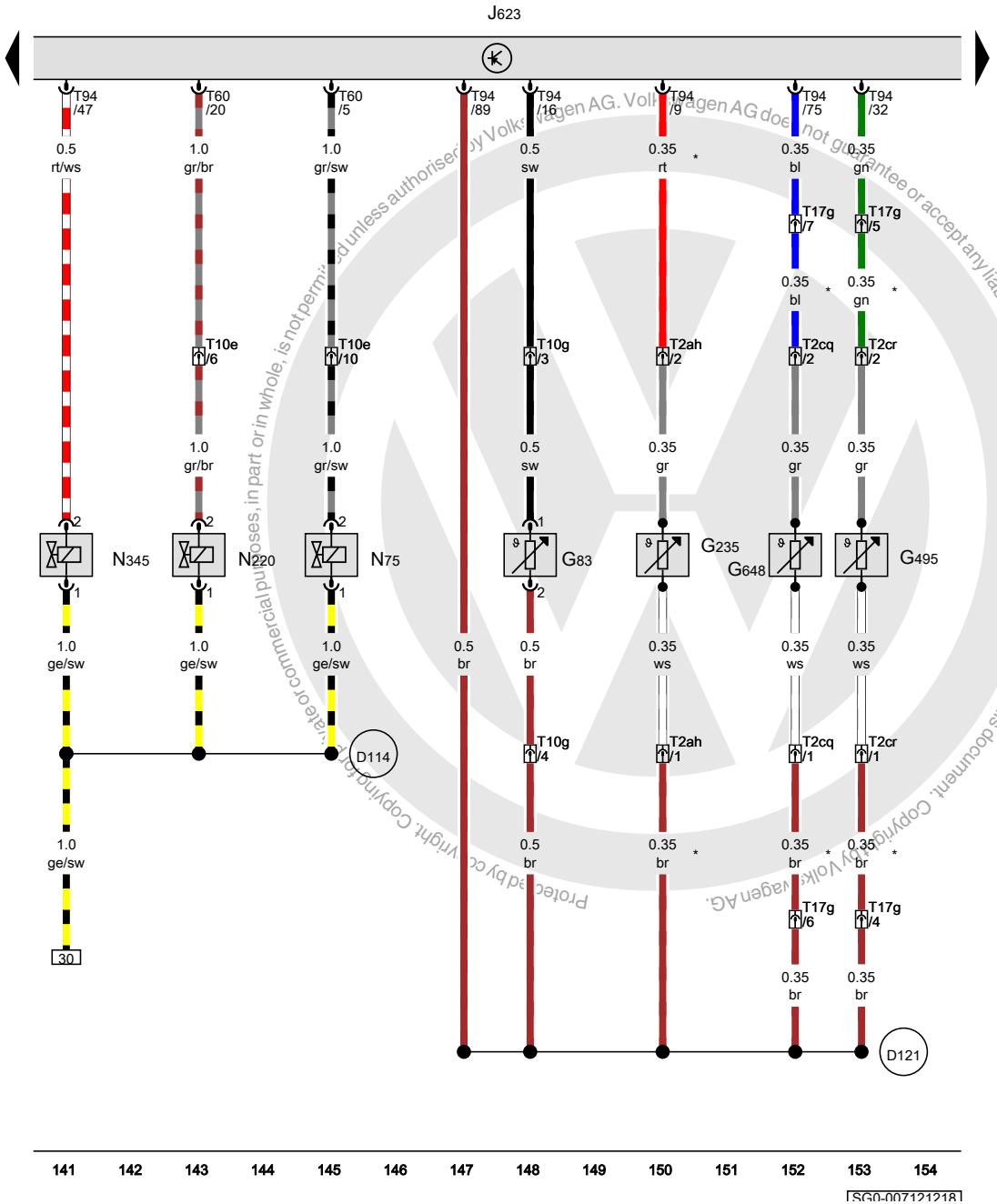

Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine/motor control unit, Charge pressure control solenoid valve, Exhaust flap valve, Exhaust gas recirculation cooler changeover valve

G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine/motor control unit, in E-box in engine compartment
N75	Charge pressure control solenoid valve
N220	Exhaust flap valve
N345	Exhaust gas recirculation cooler changeover valve
T2ah	2-pin connector, black, on right in engine compartment
T2cq	2-pin connector, light brown, on underbody, near cross panel
T2cr	2-pin connector, brown, on underbody, near cross panel
T10e	10-pin connector, white, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T17g	17-pin connector, black, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
D114	Connection 12 in engine compartment wiring harness
D121	Connection 19 in engine compartment wiring harness
*	For models with diesel particulate filter

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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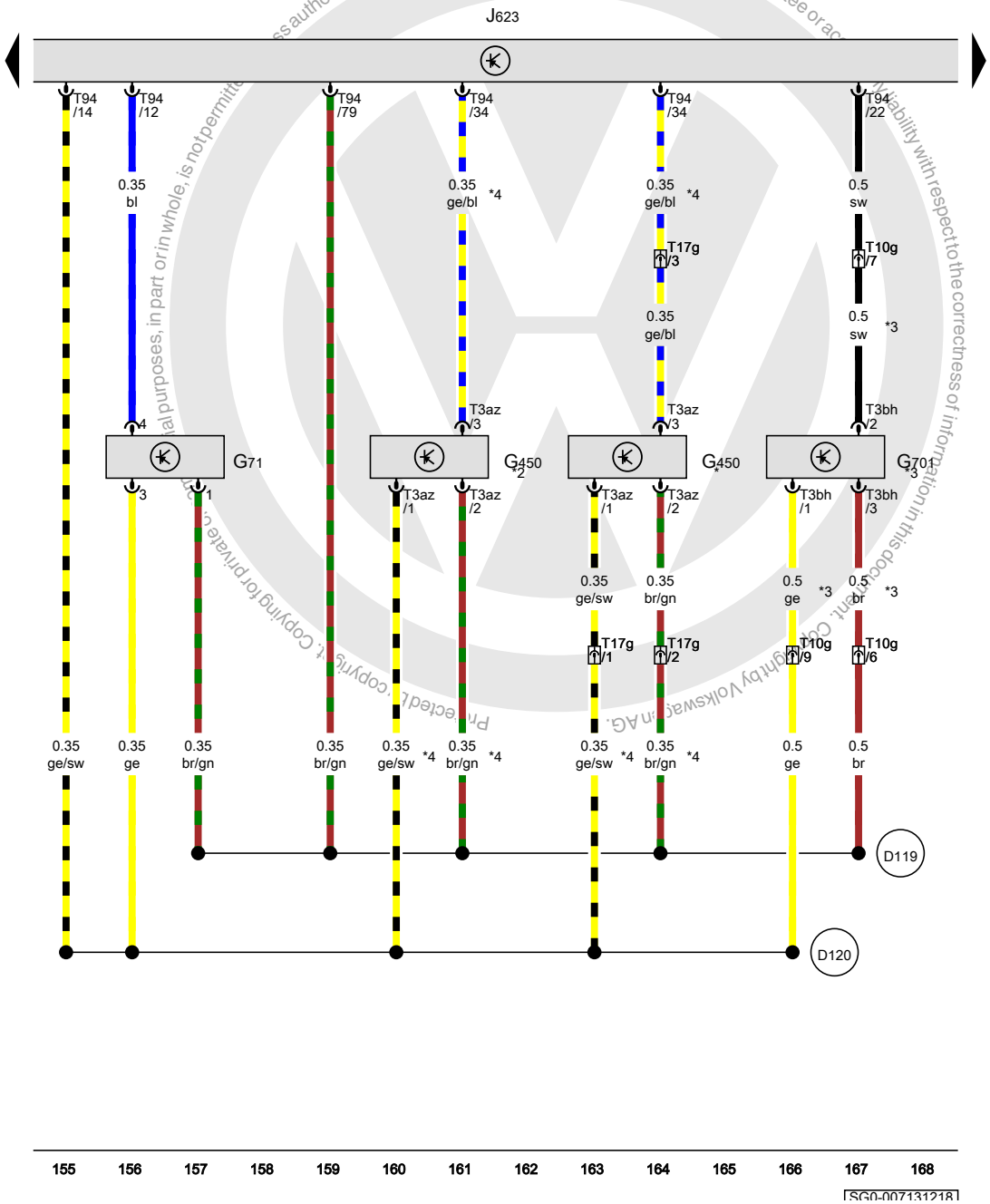

Intake manifold pressure sender, Exhaust gas pressure sensor 1, Engine/motor control unit

G71	Intake manifold pressure sender
G450	Exhaust gas pressure sensor 1
G701	Gearbox neutral position sender
J623	Engine/motor control unit, in E-box in engine compartment
T3az	3-pin connector, black
T3bh	3-pin connector, black
T10g	10-pin connector, grey, in E-box in engine compartment
T17g	17-pin connector, black, in E-box in engine compartment
T94	94-pin connector, black
D119	Connection 17 in engine compartment wiring harness
D120	Connection 18 in engine compartment wiring harness
*	For models with all-wheel drive
*2	For models with no all-wheel drive
*3	For models with manual gearbox
*4	For models with diesel particulate filter

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
rs	=	pink

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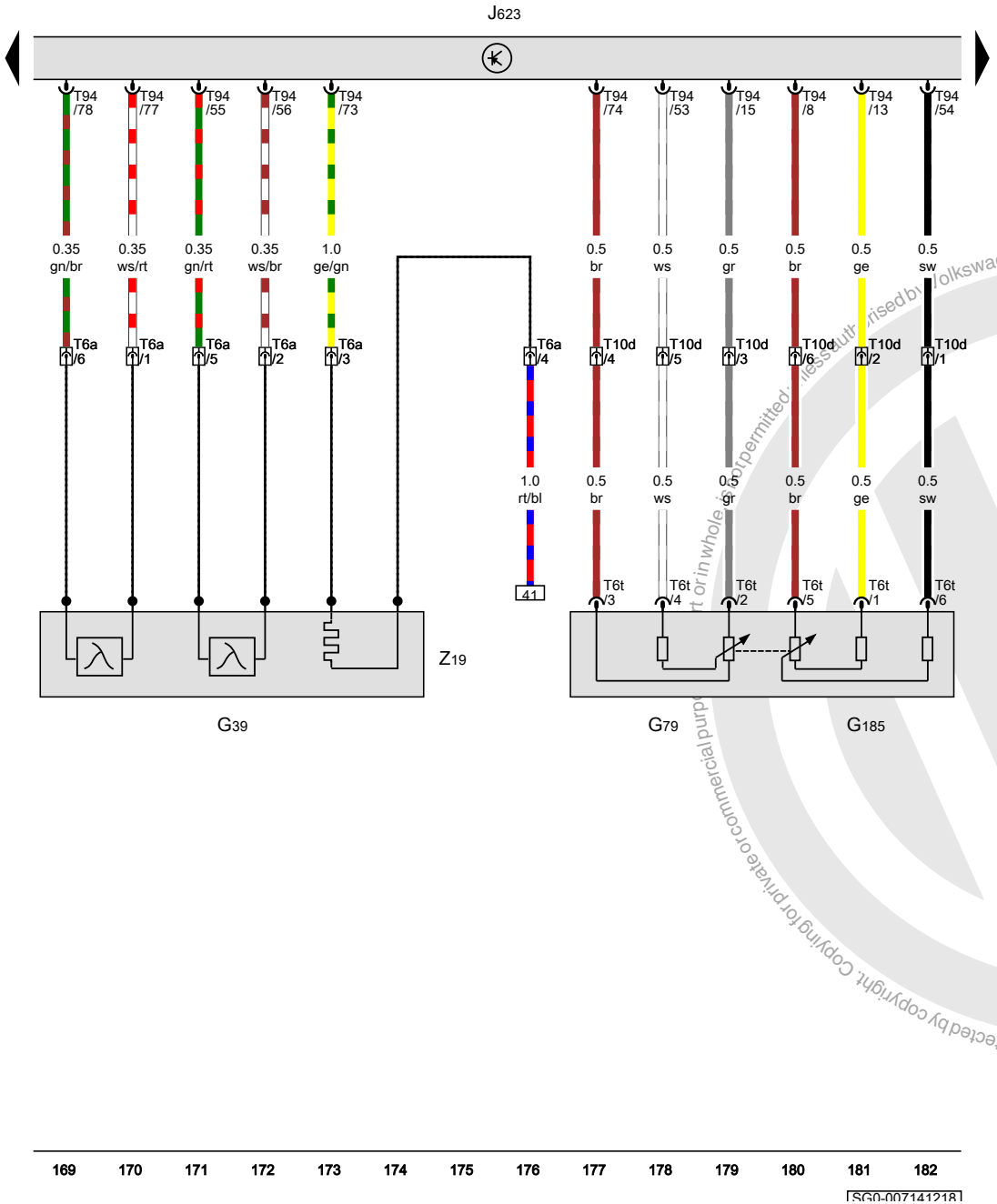
Lambda probe, Accelerator position sender, Accelerator position sender 2, Engine/motor control unit, Lambda probe heater

G39	Lambda probe
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit, in E-box in engine compartment
T6a	6-pin connector, black, on right in engine compartment
T6t	6-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T94	94-pin connector, black
Z19	Lambda probe heater



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gn	=	green
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ge	=	yellow
or	=	orange
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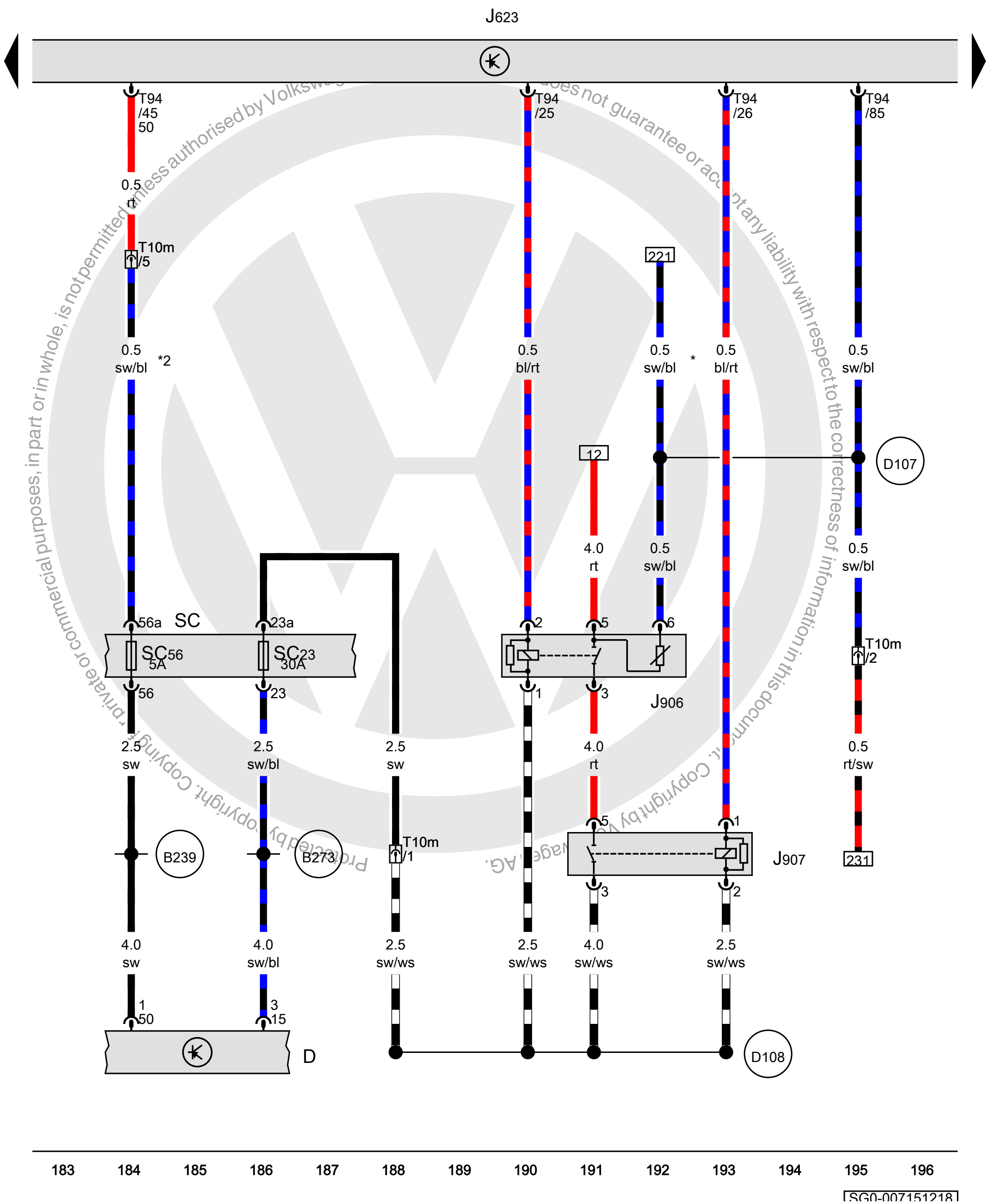
Ignition/starter switch, Engine/motor control unit, Starter relay 1, Starter relay 2, Fuse 23 on fuse holder C, Fuse 56 on fuse holder C



D	Ignition/starter switch
J623	Engine/motor control unit, in E-box in engine compartment
J906	Starter relay 1, in E-box in engine compartment
J907	Starter relay 2, in E-box in engine compartment
SC	Fuse holder C, in centre of dash panel
SC23	Fuse 23 on fuse holder C
SC56	Fuse 56 on fuse holder C
T10m	10-pin connector, light pink, in E-box in engine compartment
T94	94-pin connector, black
B239	Positive connection 1 (50), in interior wiring harness
B273	Positive connection (15), in main wiring harness
D107	Connection 5 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
*	Up to June 2016
*2	For models with no electric interface

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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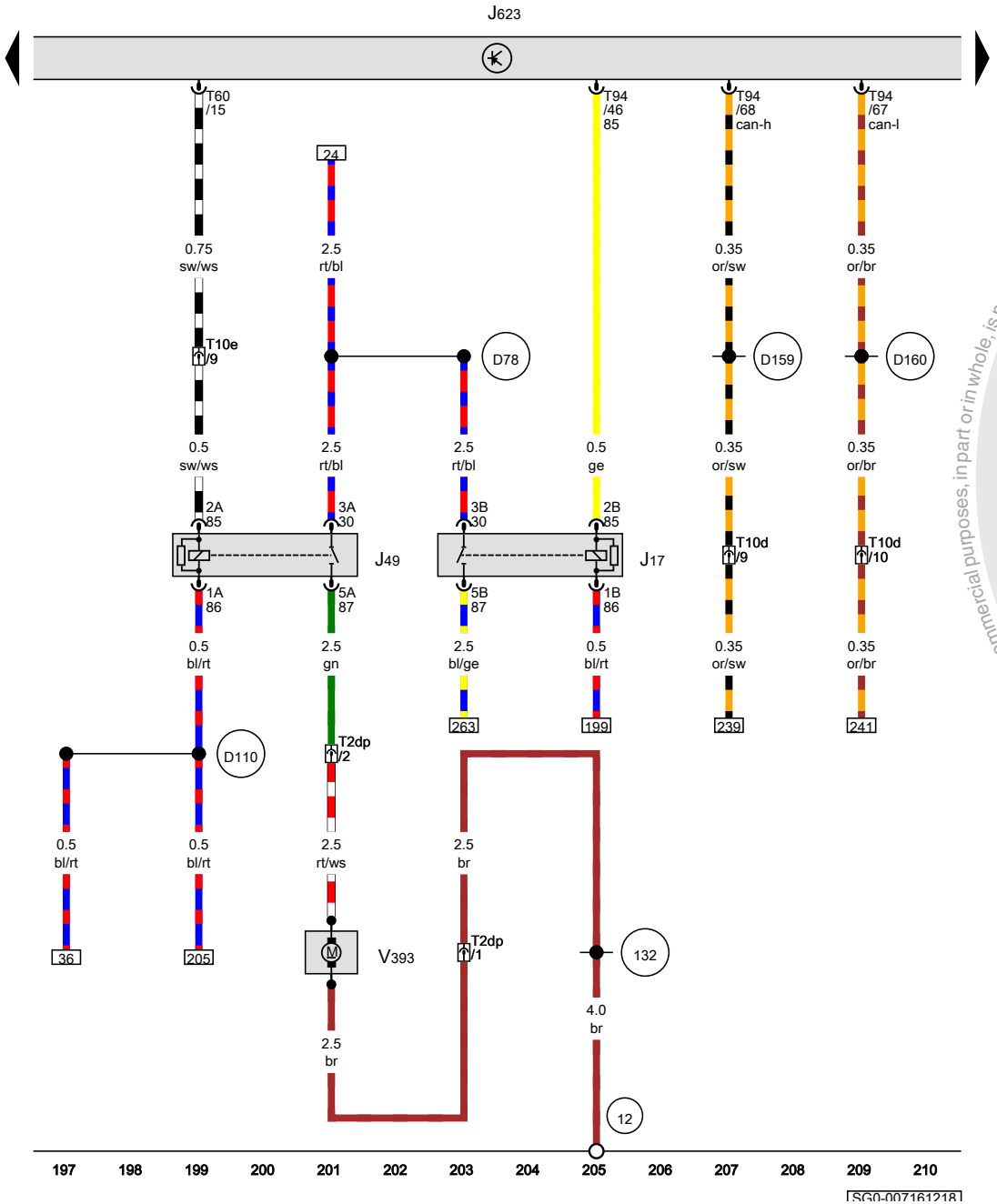
rs	=	pink



Fuel pump relay, Electric fuel pump 2 relay, Engine/motor control unit, Supplementary fuel pump

J17	Fuel pump relay, in E-box in engine compartment
J49	Electric fuel pump 2 relay, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
T2dp	2-pin connector, black, near fuel filter
T10d	10-pin connector, blue, in E-box in engine compartment
T10e	10-pin connector, white, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
V393	Supplementary fuel pump
12	Earth point, on left in engine compartment
132	Earth connection 3, in engine compartment wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness

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ws	=	white
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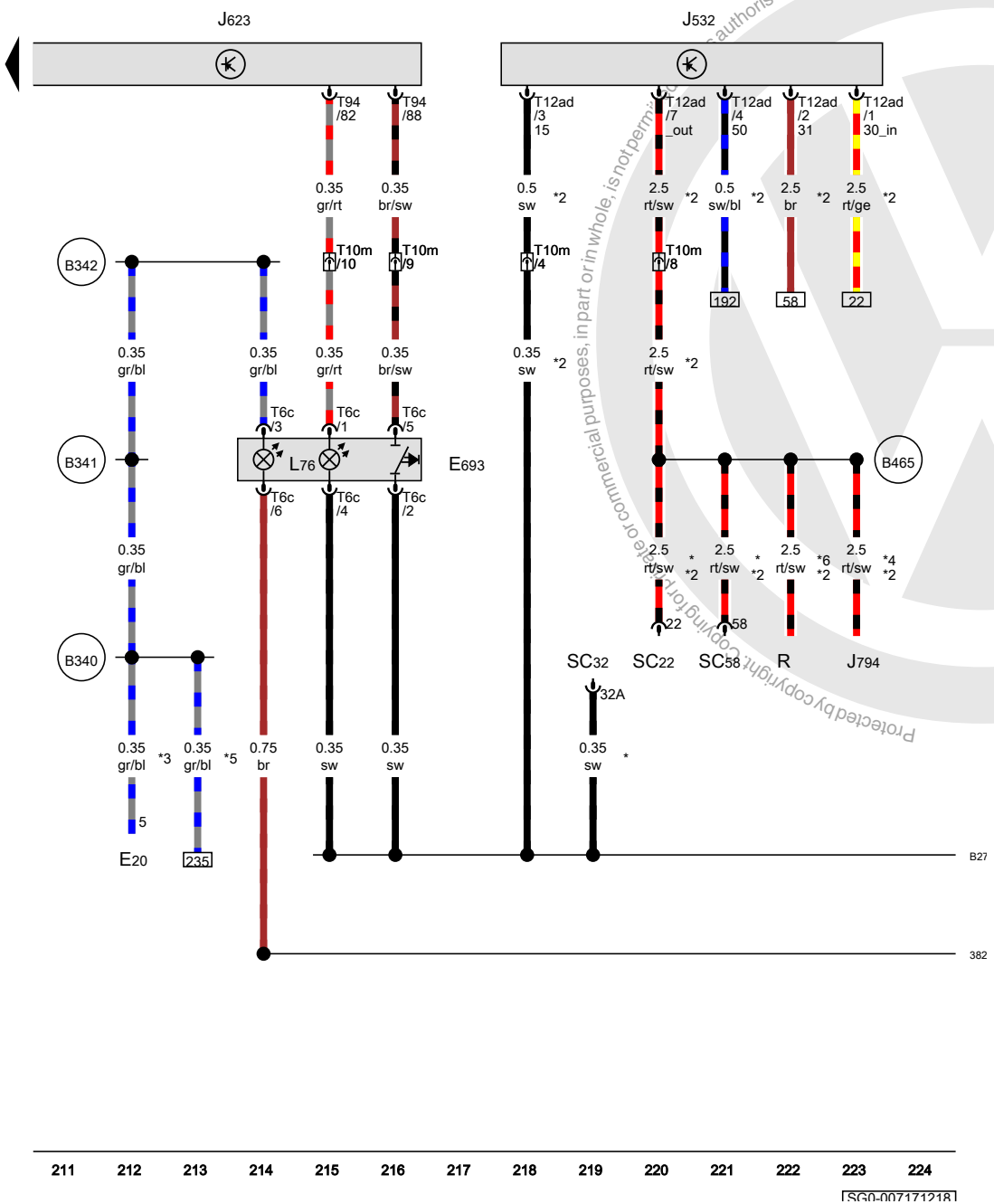

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gn	=	green
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gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink

Start/Stop operation button, Voltage stabiliser, Engine/ motor control unit, Fuse holder C

E20	Switch and instrument illumination regulator
E693	Start/Stop operation button
J532	Voltage stabiliser, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
J794	Control unit 1 for information electronics
L76	Button illumination bulb
R	Radio
SC	Fuse holder C, in centre of dash panel
SC22	Fuse 22 on fuse holder C
SC32	Fuse 32 on fuse holder C
SC58	Fuse 58 on fuse holder C
T6c	6-pin connector, white
T10m	10-pin connector, light pink, in E-box in engine compartment
T12ad	12-pin connector, black
T94	94-pin connector, black
382	Earth connection 17, in main wiring harness
B277	Positive connection 1 (15a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B342	Connection 3 (58d), in main wiring harness
B465	Connection 1, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Up to June 2016
*3	For models with dimmable instrument illumination
*4	see applicable current flow diagram for radio/ radio navigation system
*5	For models with no dimmable instrument illumination
*6	For models with preparation for radio

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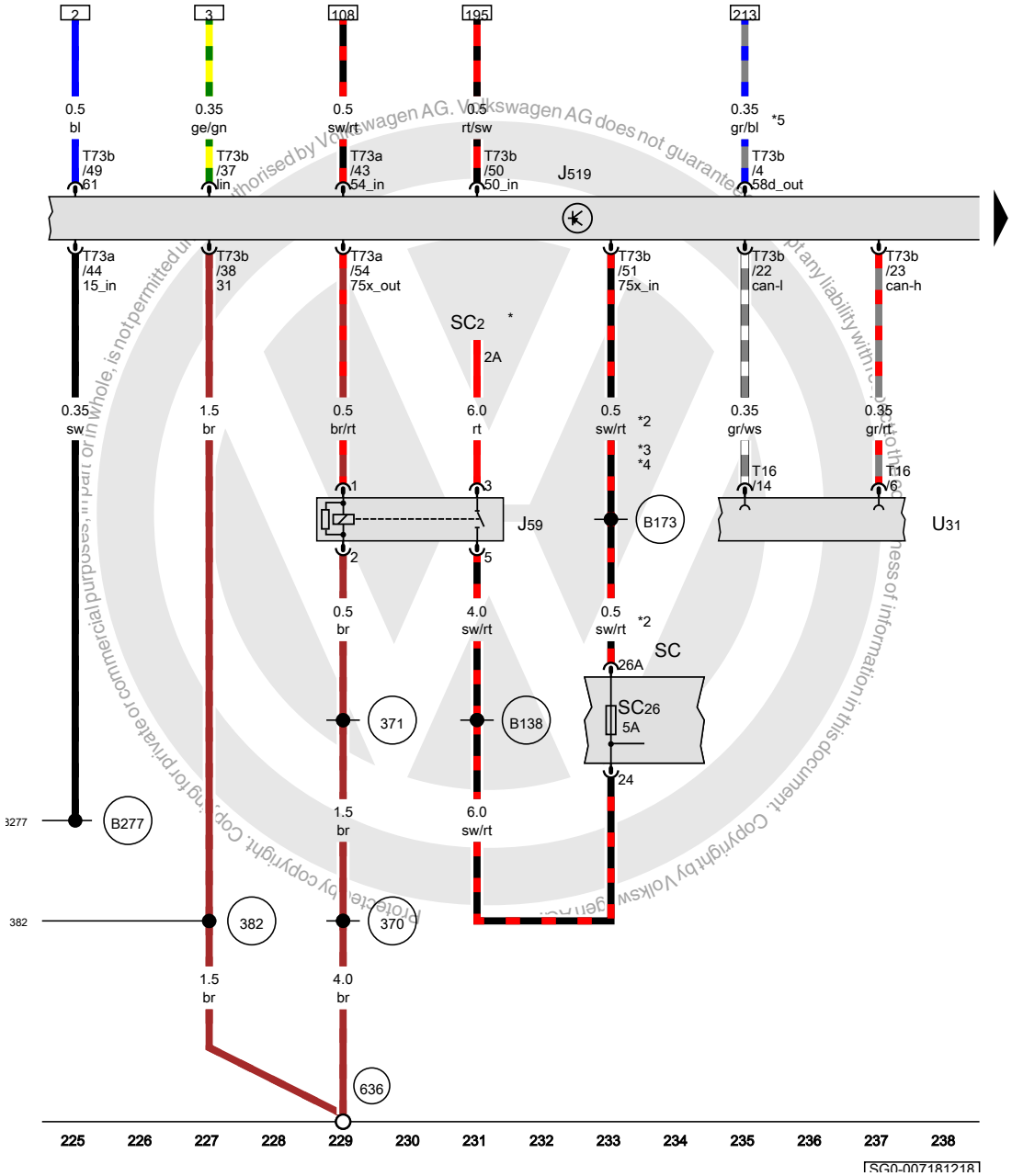
X-contact relief relay, Onboard supply control unit, Fuse 26 on fuse holder C, Diagnostic connection



J59	X-contact relief relay
J519	Onboard supply control unit
SC	Fuse holder C, in centre of dash panel
SC2	Fuse 2 on fuse holder C
SC26	Fuse 26 on fuse holder C
T16	16-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
U31	Diagnostic connection
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
382	Earth connection 17, in main wiring harness
636	Earth point, onboard supply control unit
B138	Positive connection (X), in interior wiring harness
B173	Positive connection 2 (X), in interior wiring harness
B277	Positive connection 1 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Up to June 2016
*3	From June 2016
*4	For models with special police equipment
*5	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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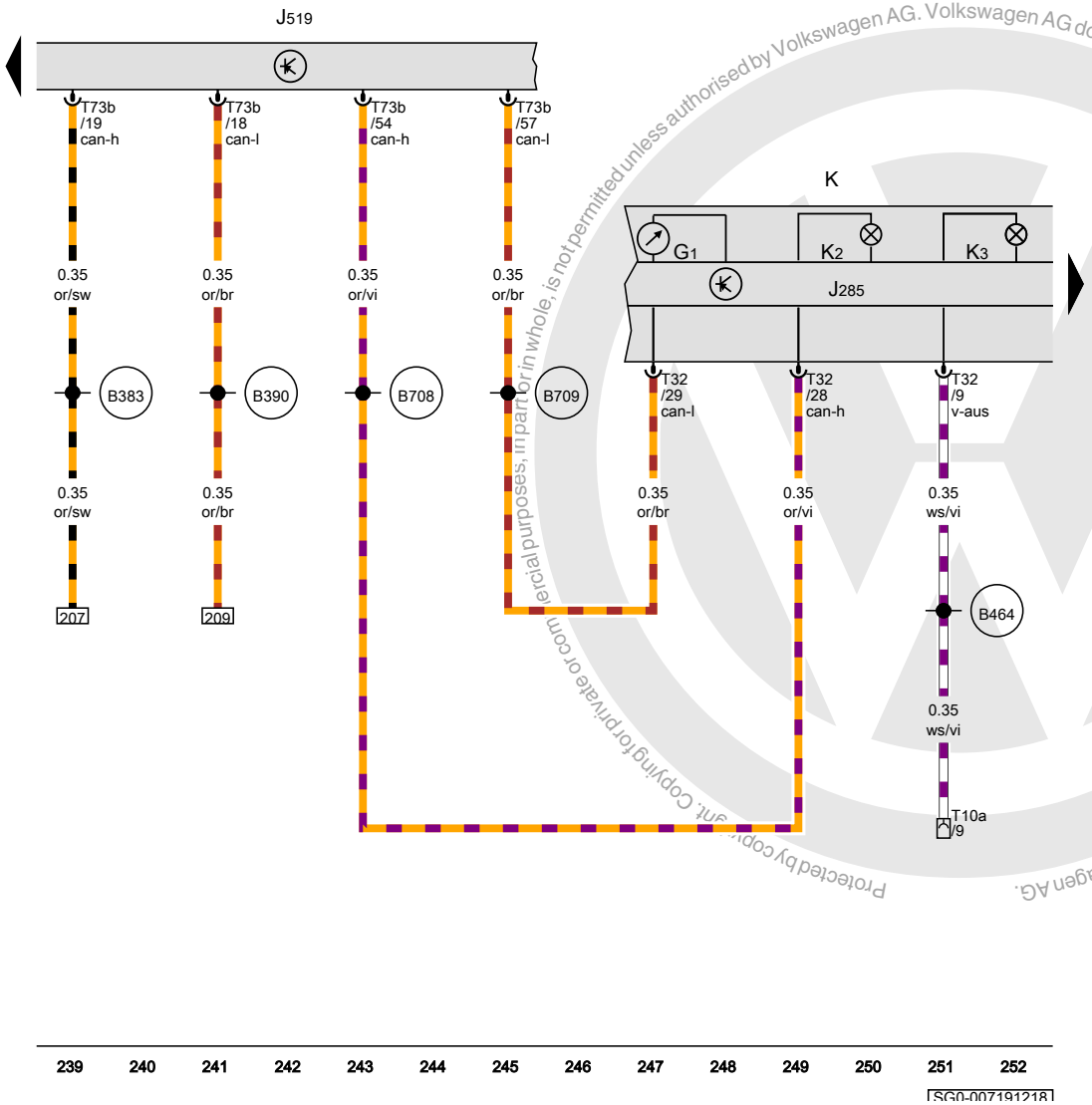
Fuel gauge, Onboard supply control unit, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp

G1	Fuel gauge
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
T10a	10-pin connector, brown, in E-box in engine compartment
T32	32-pin connector, blue
T73b	73-pin connector, white
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B464	Connection (speed signal), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness



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rs	=	pink

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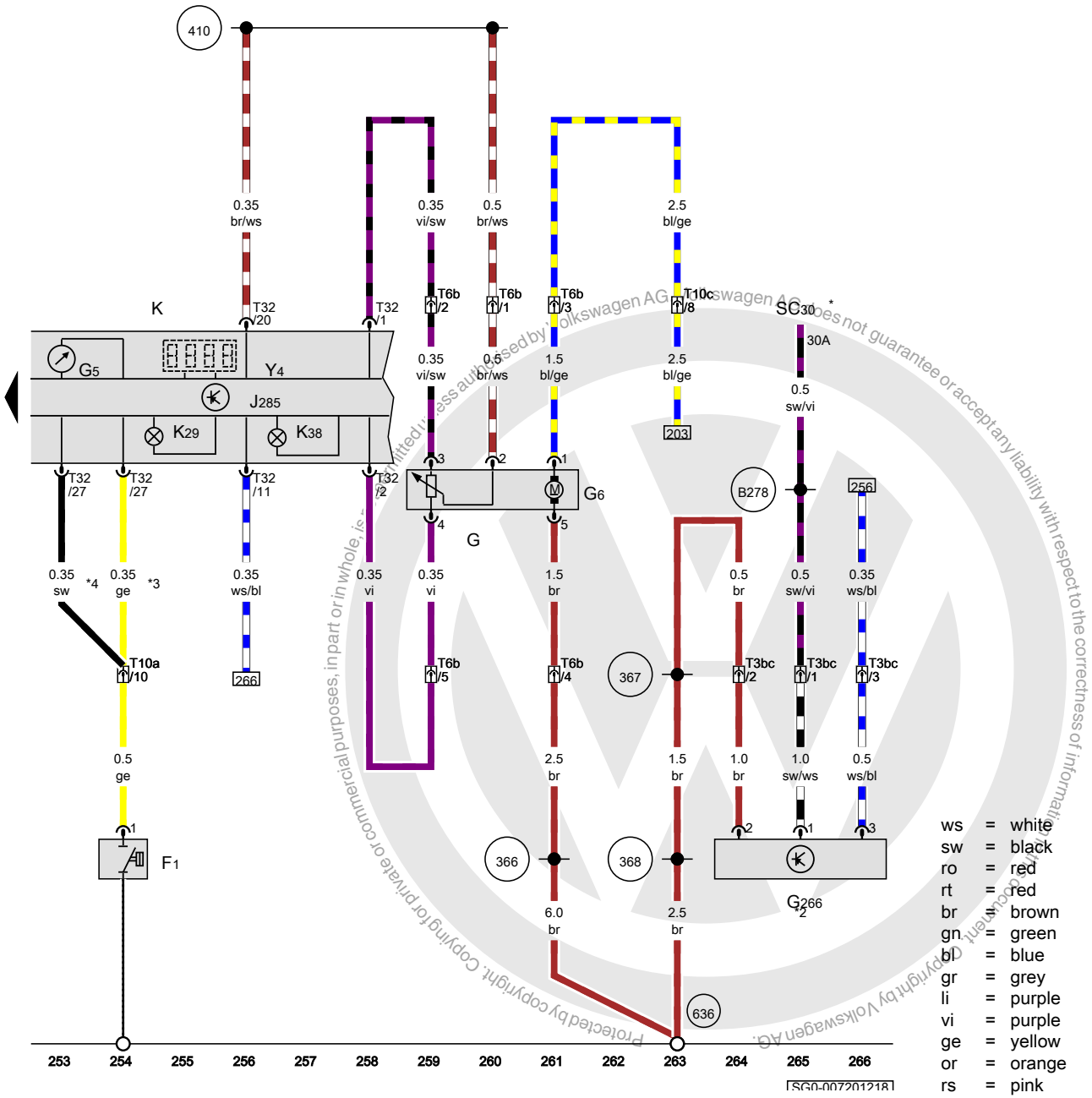

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Oil pressure switch, Fuel gauge sender, Rev. counter, Fuel system pressurisation pump, Oil level and oil temperature sender, Dash panel insert, Glow period warning lamp, Oil level warning lamp

F1	Oil pressure switch
G	Fuel gauge sender
G5	Rev. counter
G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K	Dash panel insert
K29	Glow period warning lamp
K38	Oil level warning lamp
SC30	Fuse 30 on fuse holder C
T3bc	3-pin connector, black, on underbody, near cross panel
T6b	6-pin connector, black, on fuel tank
T10a	10-pin connector, brown, in E-box in engine compartment
T10c	10-pin connector, yellow, in E-box in engine compartment
T32	32-pin connector, blue
Y4	Trip counter
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
410	Earth connection 1 (sender earth) in main wiring harness
636	Earth point, onboard supply control unit
B278	Positive connection 2 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with extended service intervals (ESI)
*3	Up to June 2016
*4	From June 2016

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2.0l diesel engine , CFCA,(7L3)

From June 2015

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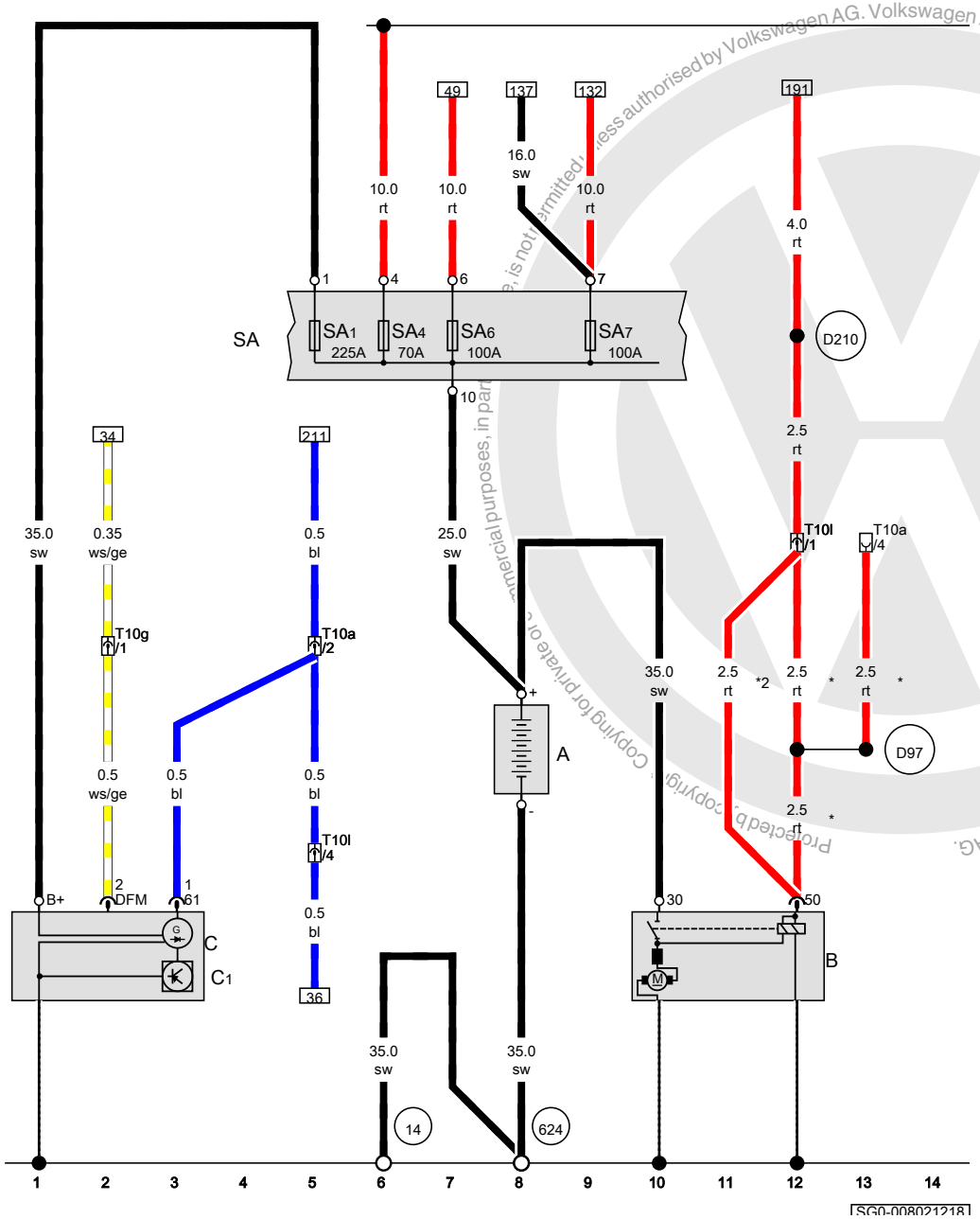

Battery, Starter, Alternator, Voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
SA	Fuse holder A, in E-box in engine compartment
SA1	Fuse 1 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
T10a	10-pin connector, brown, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
14	Earth point, on gearbox
624	Earth point, starter battery
D50	Positive connection (30), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D210	Connection (50), in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox (DSG)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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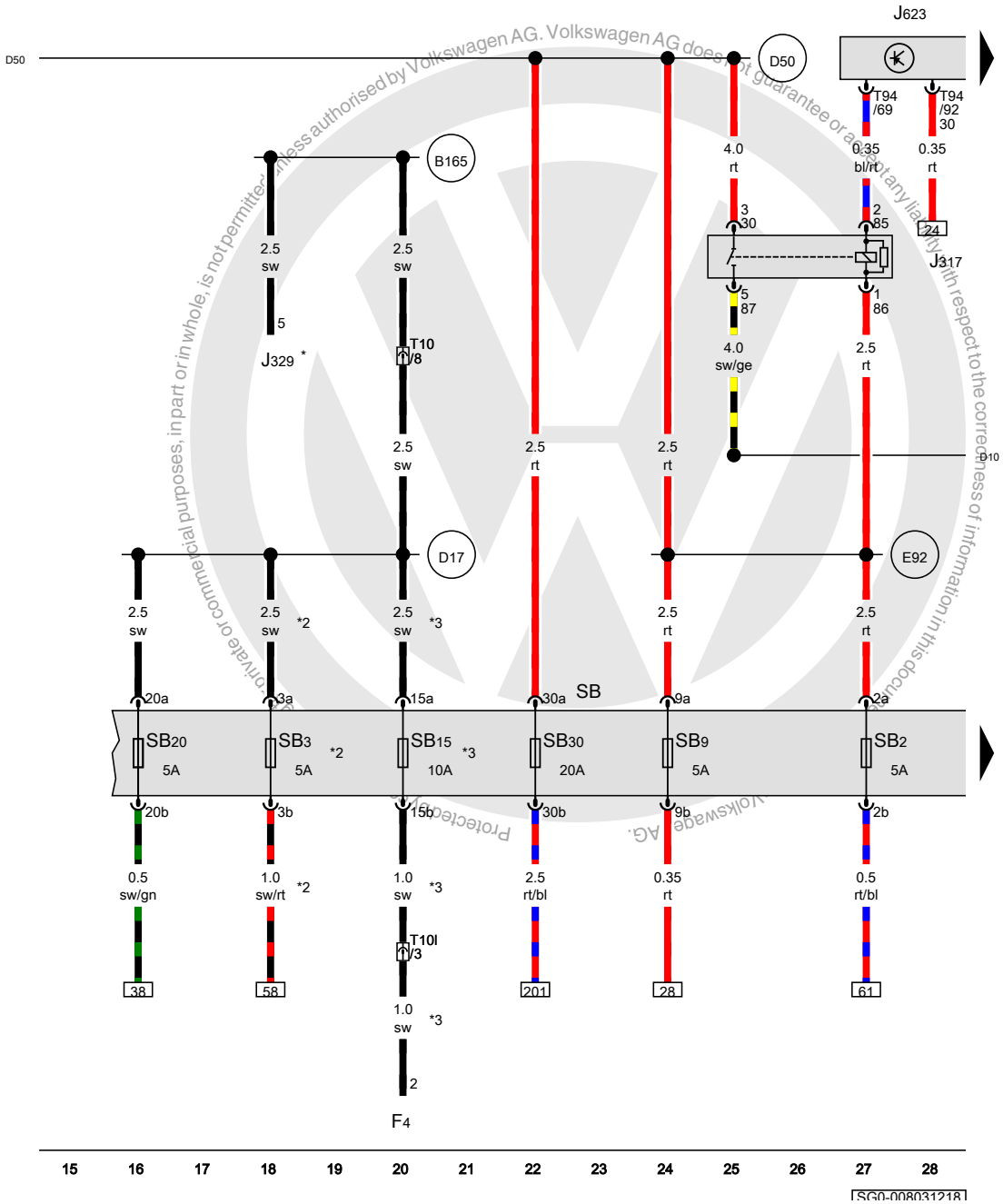

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Terminal 30 voltage supply relay, Engine/motor control unit, Fuse holder B

F4	Reversing light switch
J317	Terminal 30 voltage supply relay, in E-box
J329	Terminal 15 voltage supply relay
J623	Engine/motor control unit, in E-box in engine compartment
SB	Fuse holder B, in E-box in engine compartment
SB2	Fuse 2 on fuse holder B
SB3	Fuse 3 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB30	Fuse 30 on fuse holder B
T10	10-pin connector, black, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T94	94-pin connector, black
B165	Positive connection 2 (15), in interior wiring harness
D17	Positive connection 1 (15), in engine harness
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with crankcase breather heater element
*3	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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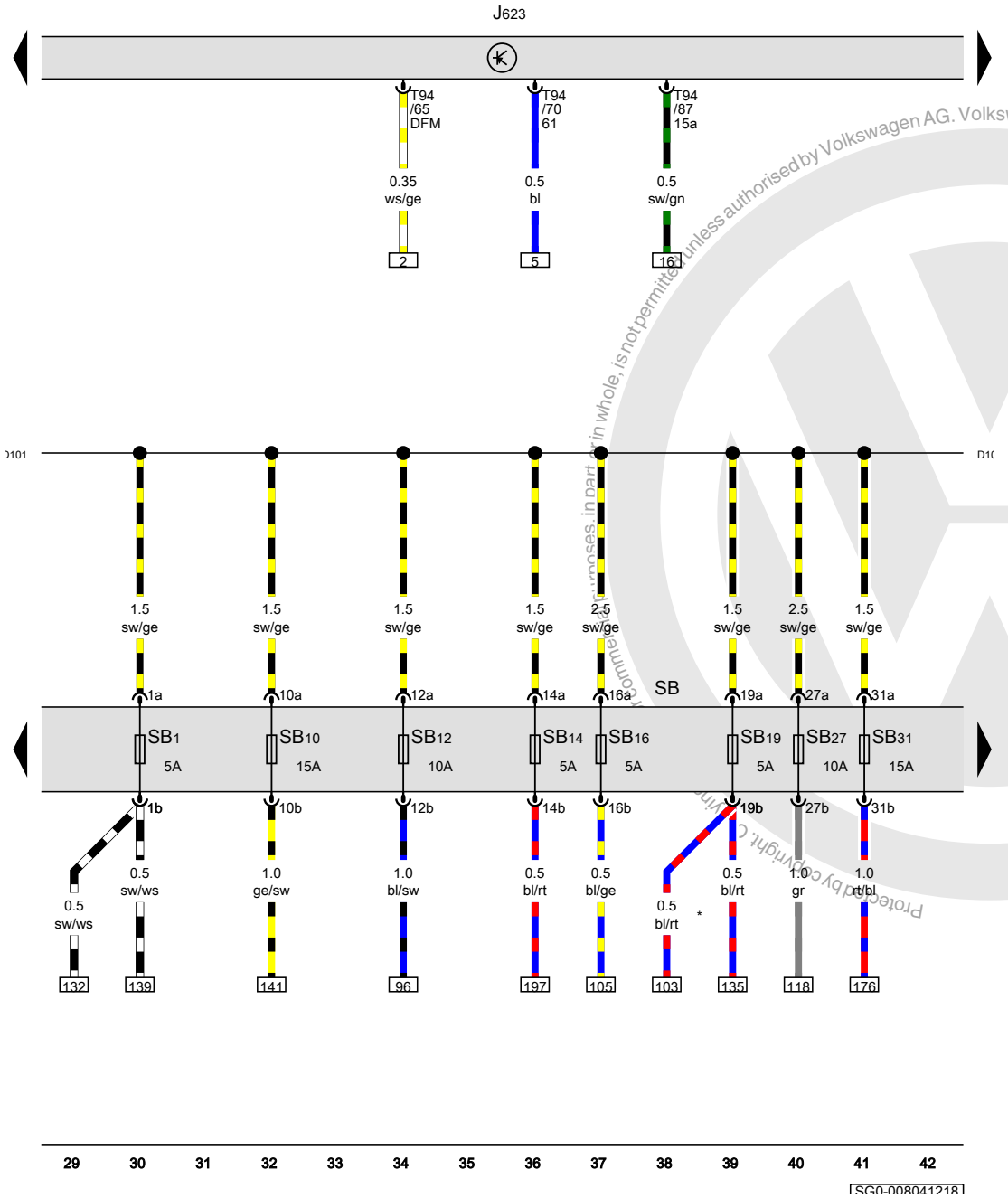
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Engine/motor control unit, Fuse holder B

J623	Engine/motor control unit, in E-box in engine compartment
SB	Fuse holder B, in E-box in engine compartment
SB1	Fuse 1 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB19	Fuse 19 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB31	Fuse 31 on fuse holder B
T94	94-pin connector, black
D101	Connection 1 in engine compartment wiring harness
*	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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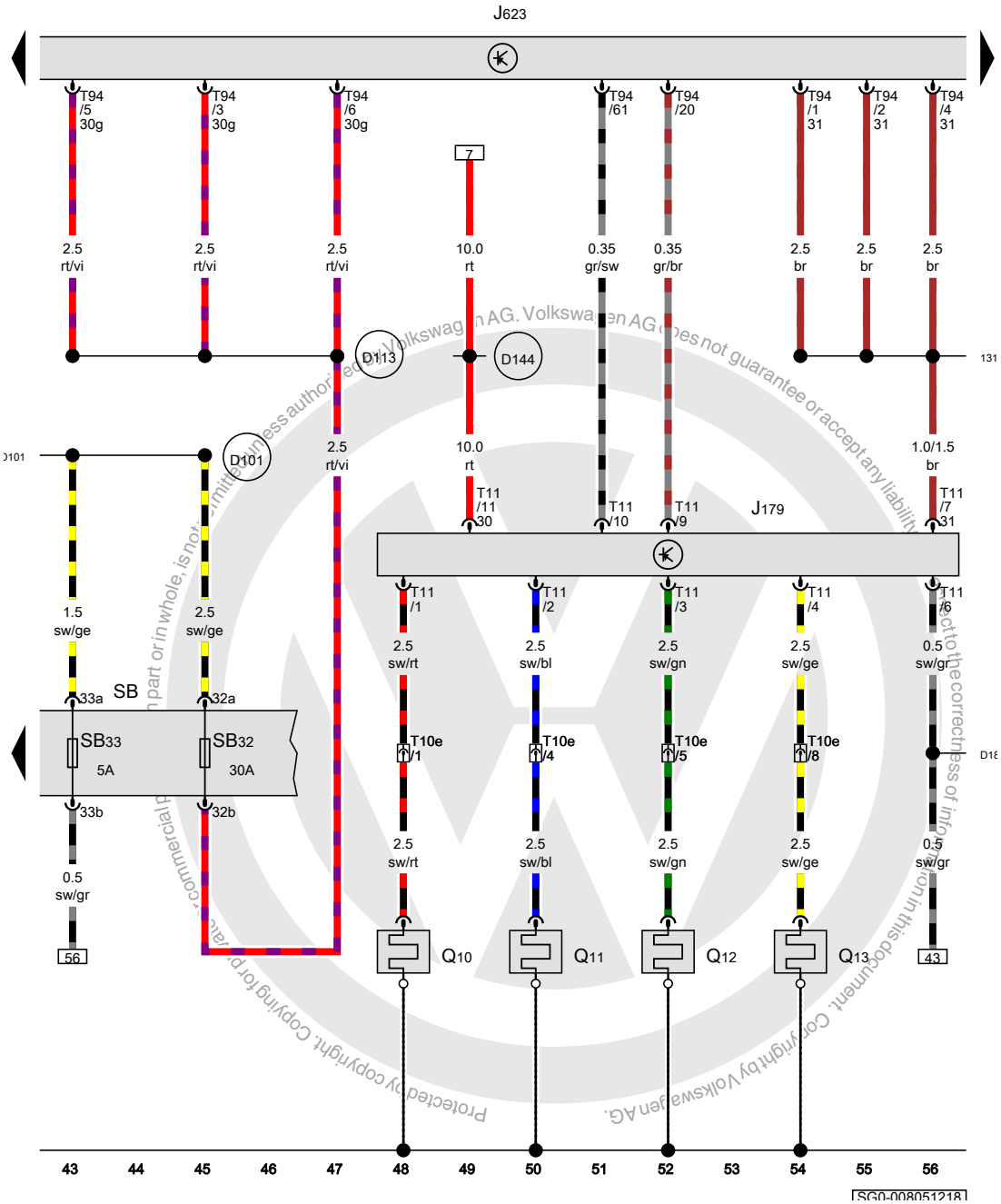

Automatic glow period control unit, Engine/motor control unit, Fuse holder B

J179	Automatic glow period control unit, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
SB	Fuse holder B, in E-box in engine compartment
SB32	Fuse 32 on fuse holder B
SB33	Fuse 33 on fuse holder B
T10e	10-pin connector, white, in E-box in engine compartment
T11	11-pin connector, black
T94	94-pin connector, black
131	Earth connection 2, in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness
D144	Positive connection 5 (30), in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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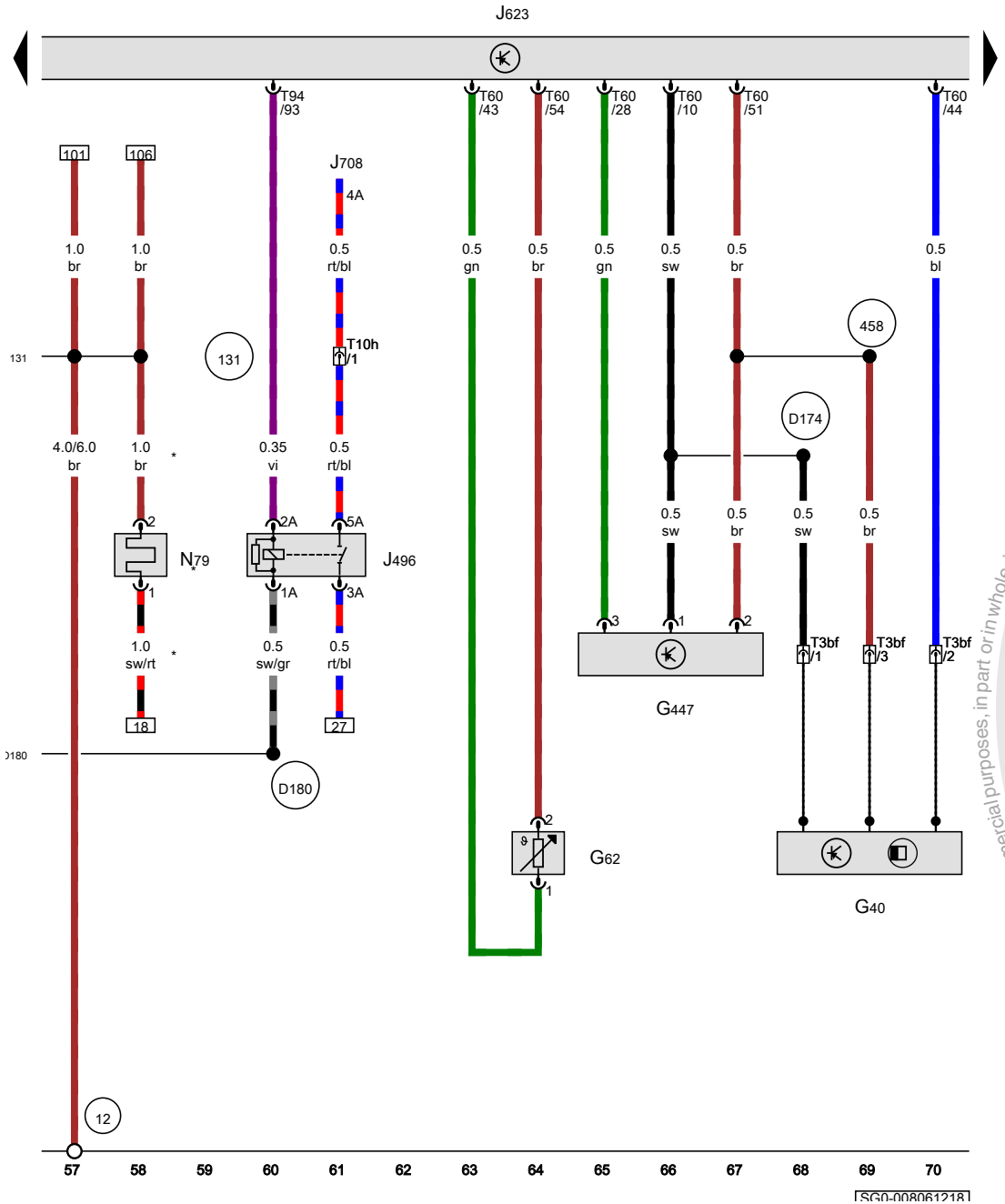

Hall sender, Coolant temperature sender, Charge pressure sender 2, Additional coolant pump relay, Engine/motor control unit, Heater element for crankcase breather

G40	Hall sender
G62	Coolant temperature sender
G447	Charge pressure sender 2
J496	Additional coolant pump relay, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
J708	Residual heat relay
N79	Heater element for crankcase breather
T3bf	3-pin connector, black, near alternator
T10h	10-pin connector, orange, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
458	Earth point 3, engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness
D180	Connection (87a), in engine compartment wiring harness
*	For models with crankcase breather heater element

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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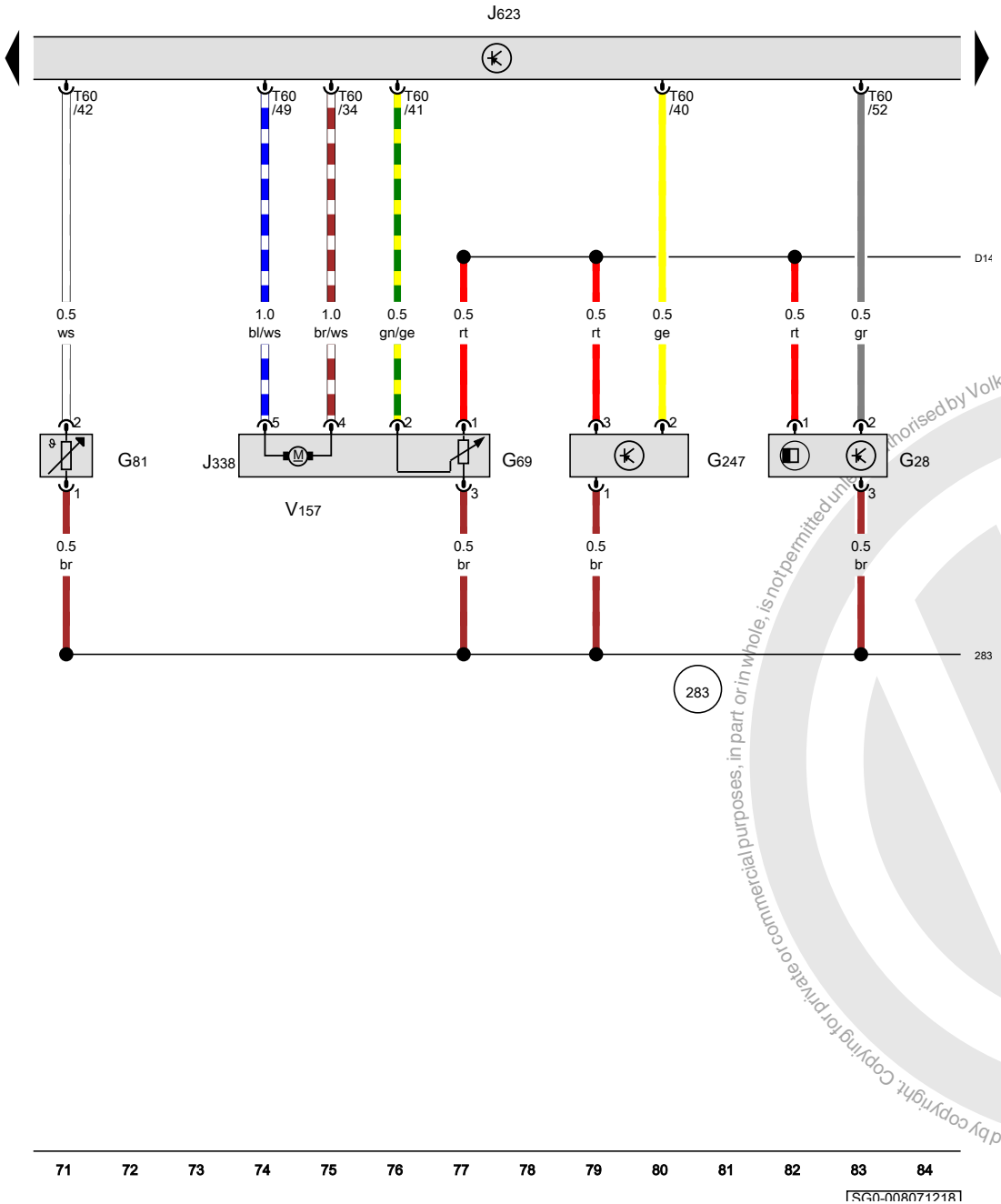
Engine speed sender, Throttle valve potentiometer, Fuel temperature sender, Fuel pressure sender, Throttle valve module, Engine/motor control unit, Intake manifold flap motor



G28	Engine speed sender
G69	Throttle valve potentiometer
G81	Fuel temperature sender
G247	Fuel pressure sender
J338	Throttle valve module
J623	Engine/motor control unit, in E-box in engine compartment
T60	60-pin connector, black
V157	Intake manifold flap motor
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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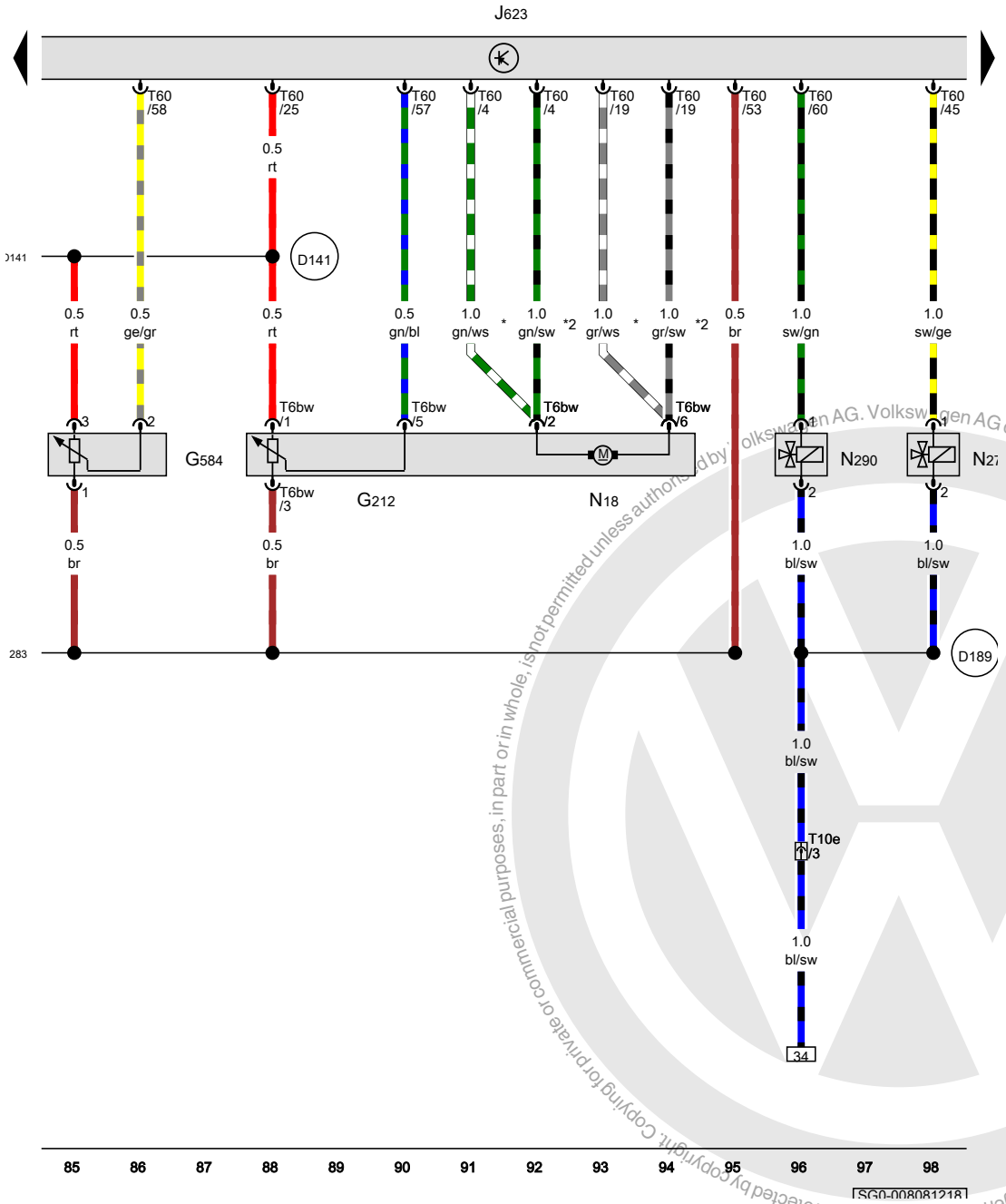

Exhaust gas recirculation potentiometer, Regulating flap potentiometer, Engine/motor control unit, Exhaust gas recirculation valve, Fuel pressure regulating valve, Fuel metering valve

G212	Exhaust gas recirculation potentiometer
G584	Regulating flap potentiometer
J623	Engine/motor control unit, in E-box in engine compartment
N18	Exhaust gas recirculation valve
N276	Fuel pressure regulating valve
N290	Fuel metering valve
T6bw	6-pin connector, grey
T10e	10-pin connector, white, in E-box in engine compartment
T60	60-pin connector, black
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness
D189	Connection (87a) in engine prewiring harness
*	Up to June 2016
*2	From June 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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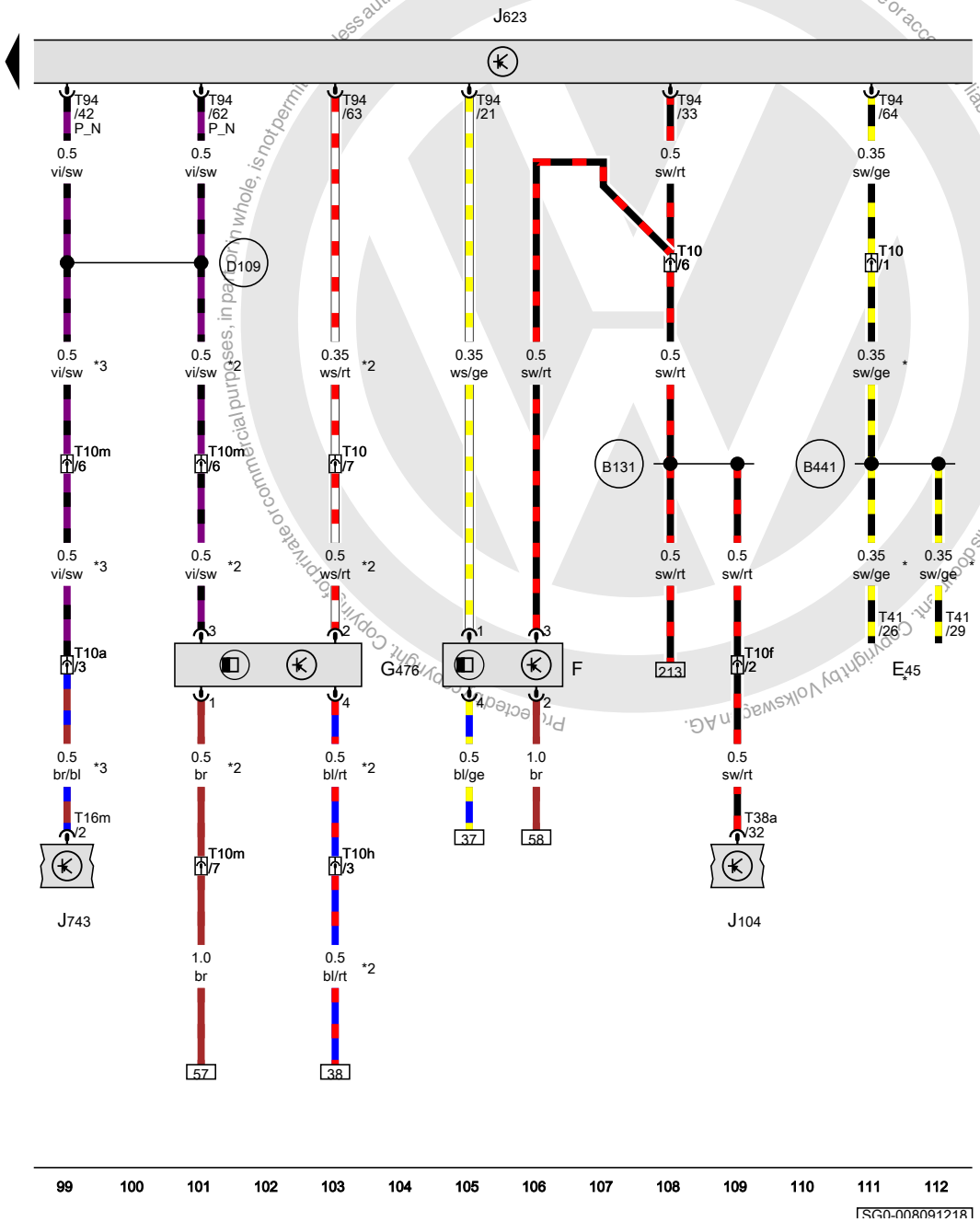

Cruise control system switch, Brake light switch, Clutch position sender, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

E45	Cruise control system switch
F	Brake light switch, on brake master cylinder
G476	Clutch position sender
J104	ABS control unit
J623	Engine/motor control unit, in E-box in engine compartment
J743	Mechatronic unit for dual clutch gearbox
T10	10-pin connector, black, in E-box in engine compartment
T10a	10-pin connector, brown, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T16m	16-pin connector, black
T38a	38-pin connector, black
T41	41-pin connector, grey
T94	94-pin connector, black
B131	Connection (54), in interior wiring harness
B441	Connection (CCS), in main wiring harness
D109	Connection 7 in engine compartment wiring harness
*	For models with cruise control system (CCS)
*2	For models with manual gearbox
*3	For models with dual clutch gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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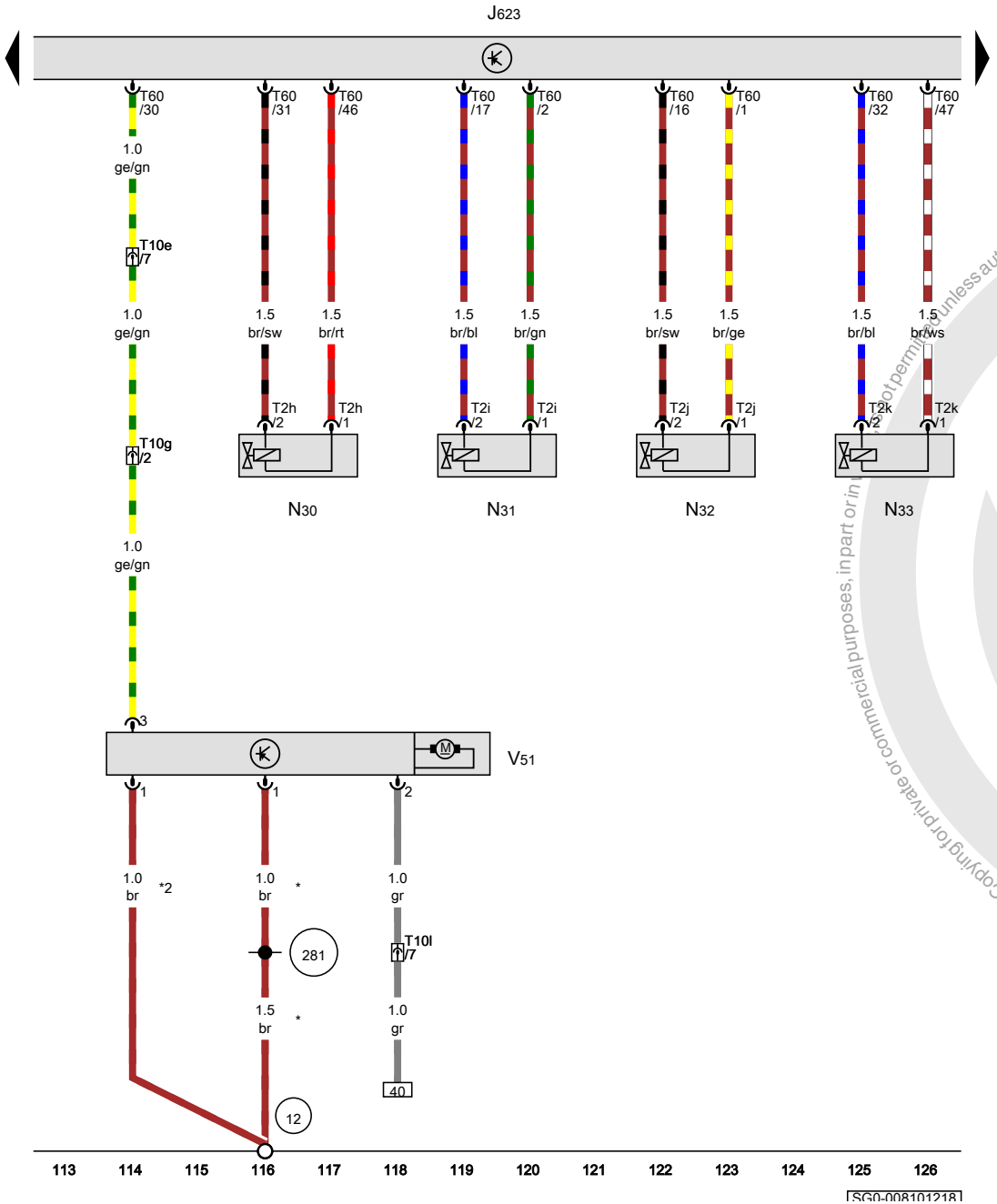

Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Continued coolant circulation pump

J623	Engine/motor control unit, in E-box in engine compartment
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2h	2-pin connector, black
T2i	2-pin connector, black
T2j	2-pin connector, black
T2k	2-pin connector, black
T10e	10-pin connector, white, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T60	60-pin connector, black
V51	Continued coolant circulation pump
12	Earth point, on left in engine compartment
281	Earth point 1, engine prewiring harness
*	For models with dual clutch gearbox (DSG)
*2	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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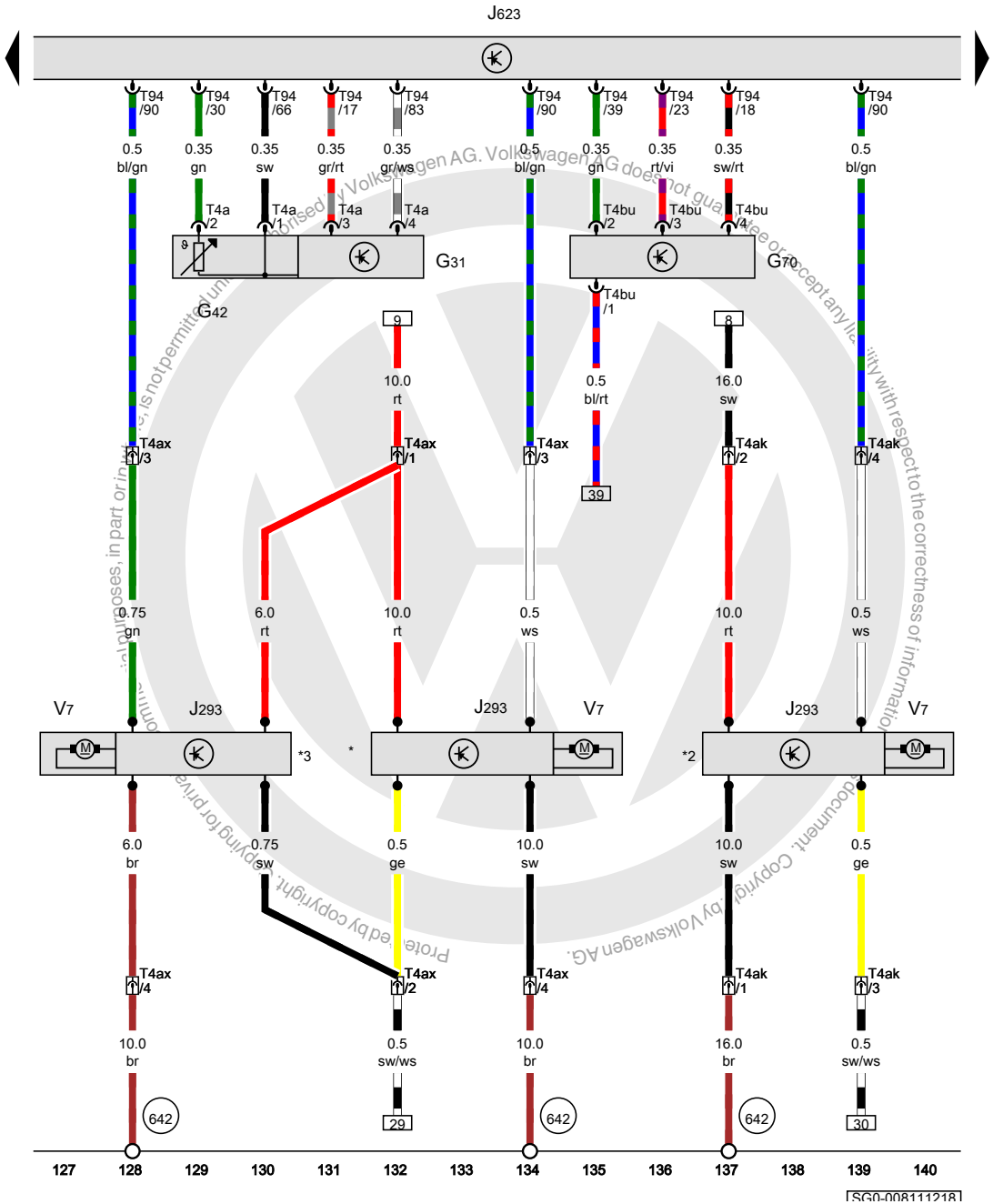

Charge pressure sender, Intake air temperature sender, Air mass meter, Radiator fan control unit, Engine/motor control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G70	Air mass meter
J293	Radiator fan control unit
J623	Engine/motor control unit, in E-box in engine compartment
T4a	4-pin connector, black
T4ak	4-pin connector, black, near radiator fan
T4ax	4-pin connector, black, near radiator fan
T4bu	4-pin connector, black
T94	94-pin connector, black
V7	Radiator fan
642	Earth point for electronically controlled fan
*	For models with medium fan output
*2	For models with increased fan output
*3	For models with low fan output

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
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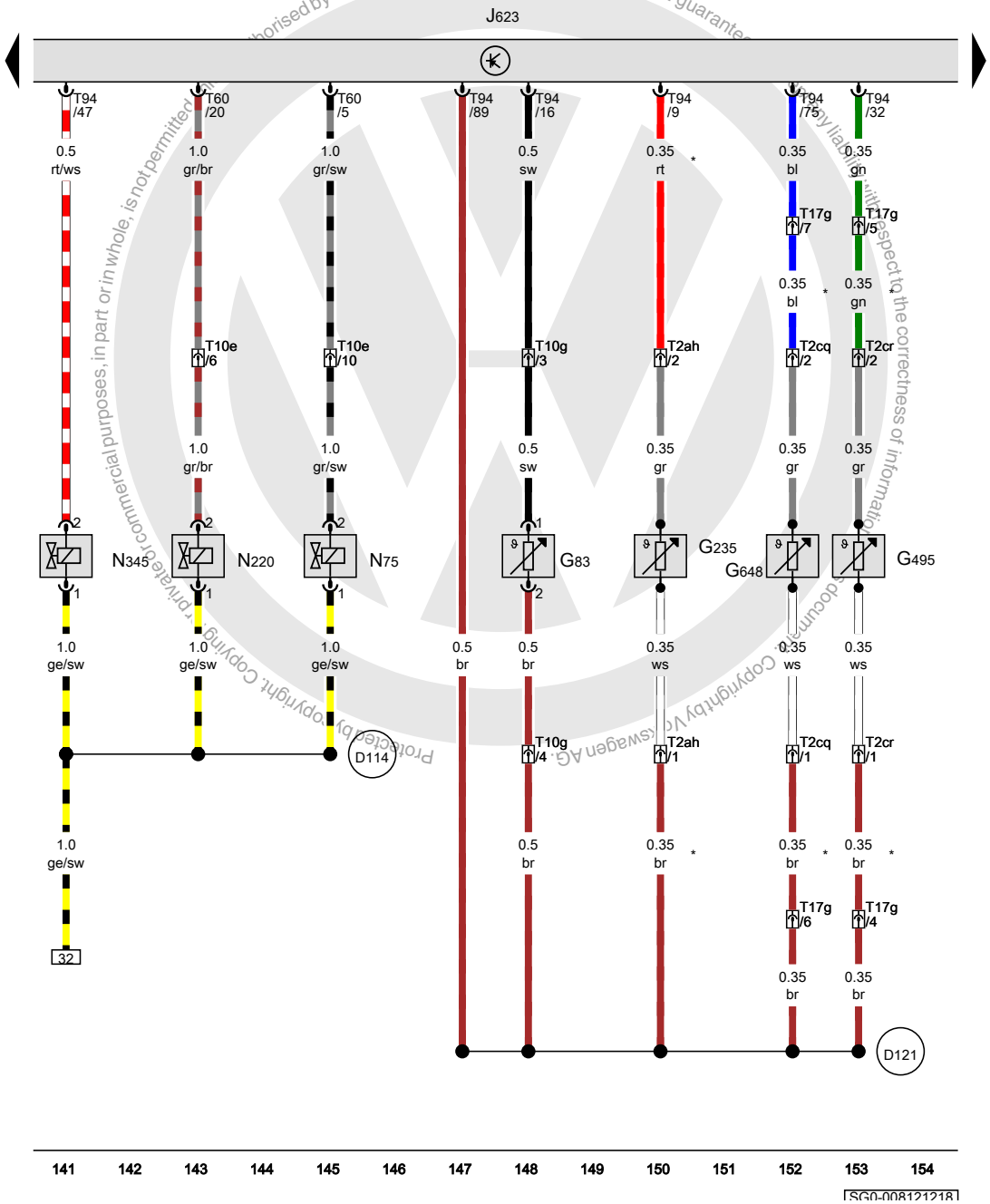

Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine/motor control unit, Charge pressure control solenoid valve, Exhaust flap valve, Exhaust gas recirculation cooler changeover valve

G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine/motor control unit, in E-box in engine compartment
N75	Charge pressure control solenoid valve
N220	Exhaust flap valve
N345	Exhaust gas recirculation cooler changeover valve
T2ah	2-pin connector, black, on right in engine compartment
T2cq	2-pin connector, light brown, on underbody, near cross panel
T2cr	2-pin connector, brown, on underbody, near cross panel
T10e	10-pin connector, white, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T17g	17-pin connector, black, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
D114	Connection 12 in engine compartment wiring harness
D121	Connection 19 in engine compartment wiring harness
*	For models with diesel particulate filter

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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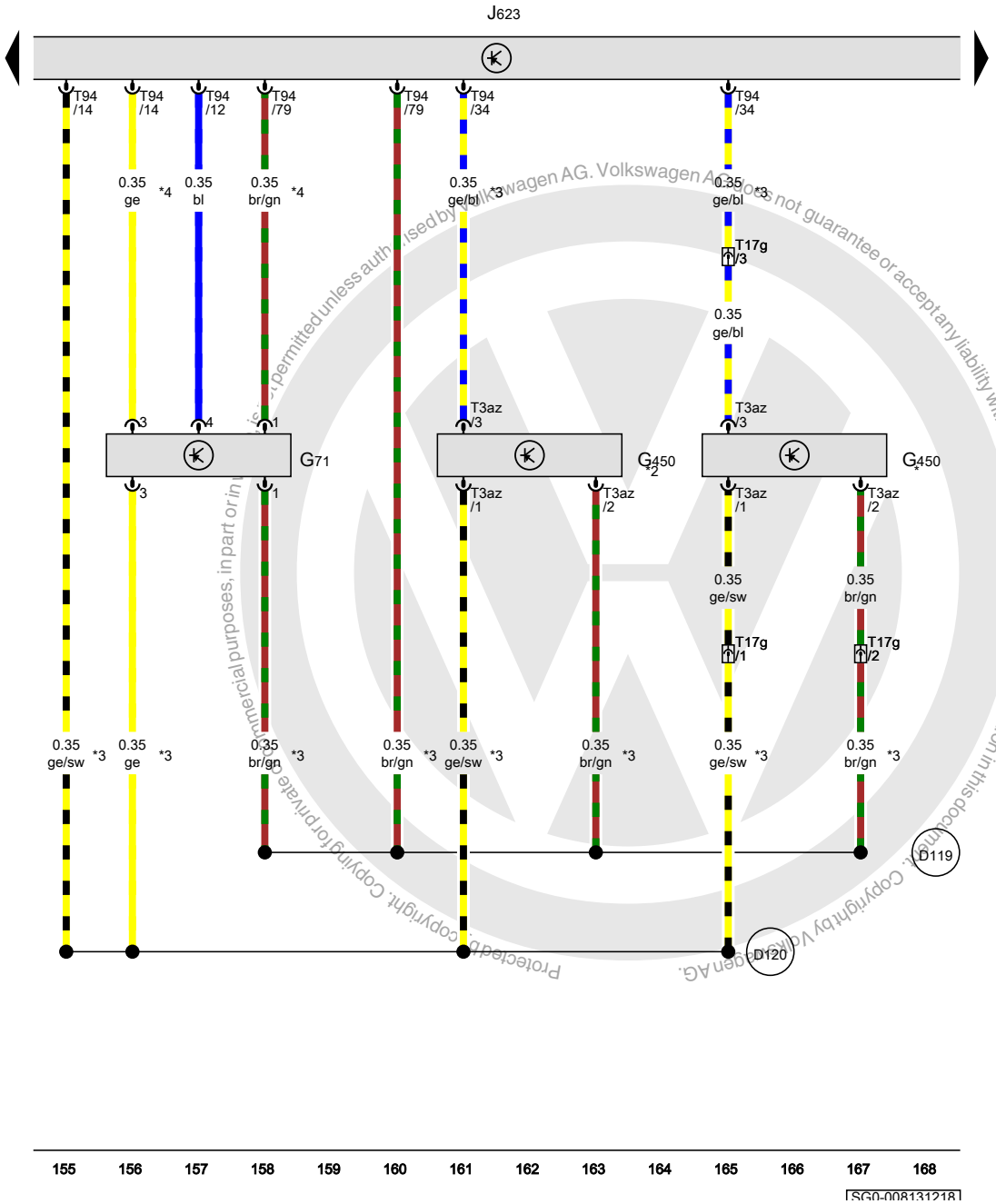

Intake manifold pressure sender, Exhaust gas pressure sensor 1, Engine/motor control unit

G71	Intake manifold pressure sender
G450	Exhaust gas pressure sensor 1
J623	Engine/motor control unit, in E-box in engine compartment
T3az	3-pin connector, black
T17g	17-pin connector, black, in E-box in engine compartment
T94	94-pin connector, black
D119	Connection 17 in engine compartment wiring harness
D120	Connection 18 in engine compartment wiring harness
*	For models with all-wheel drive
*2	For models with no all-wheel drive
*3	For models with diesel particulate filter
*4	For models with no diesel particulate filter or with no preparation for diesel particulate filter

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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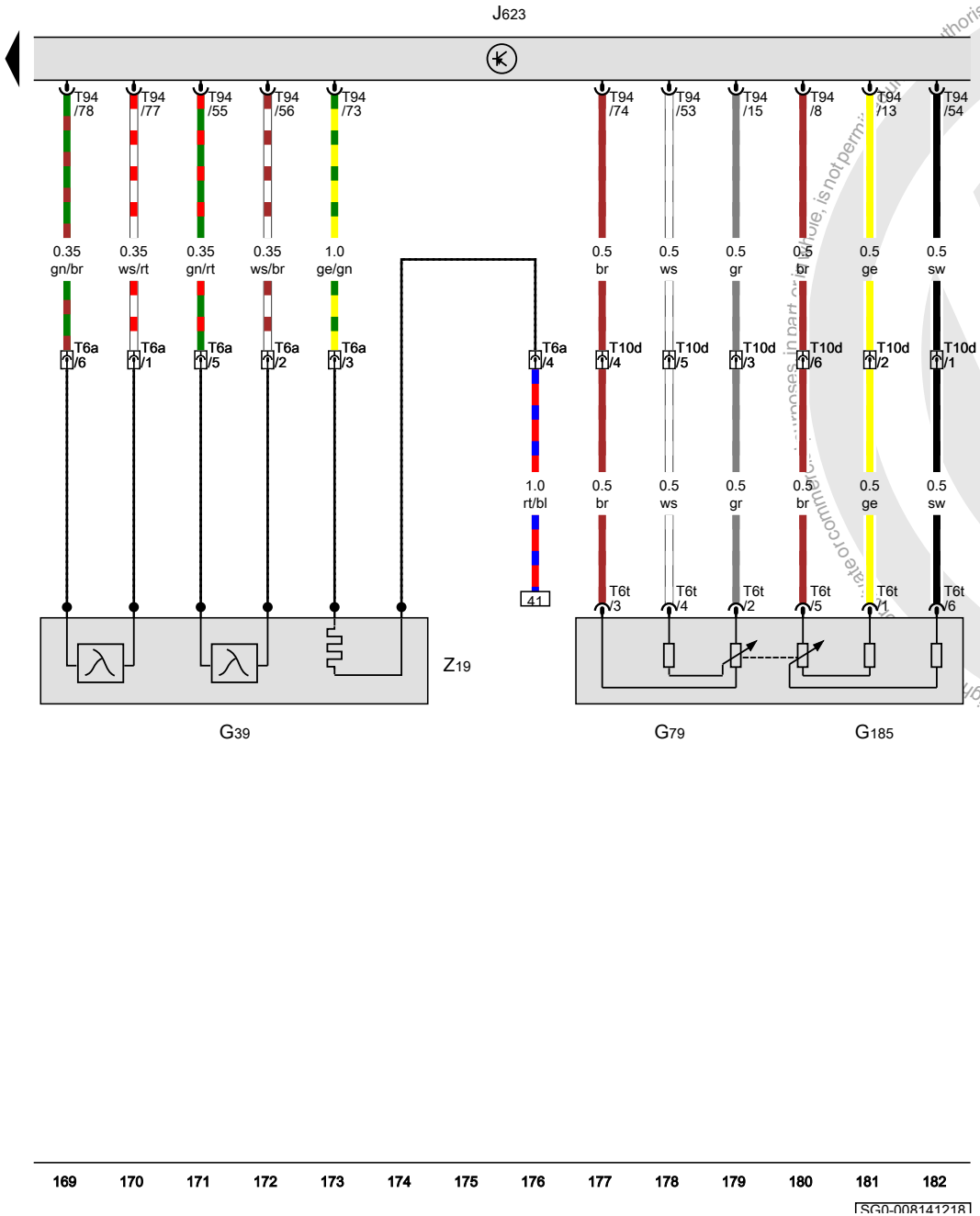
Lambda probe, Accelerator position sender, Accelerator position sender 2, Engine/motor control unit, Lambda probe heater

G39	Lambda probe
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit, in E-box in engine compartment
T6a	6-pin connector, black, on right in engine compartment
T6t	6-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T94	94-pin connector, black
Z19	Lambda probe heater



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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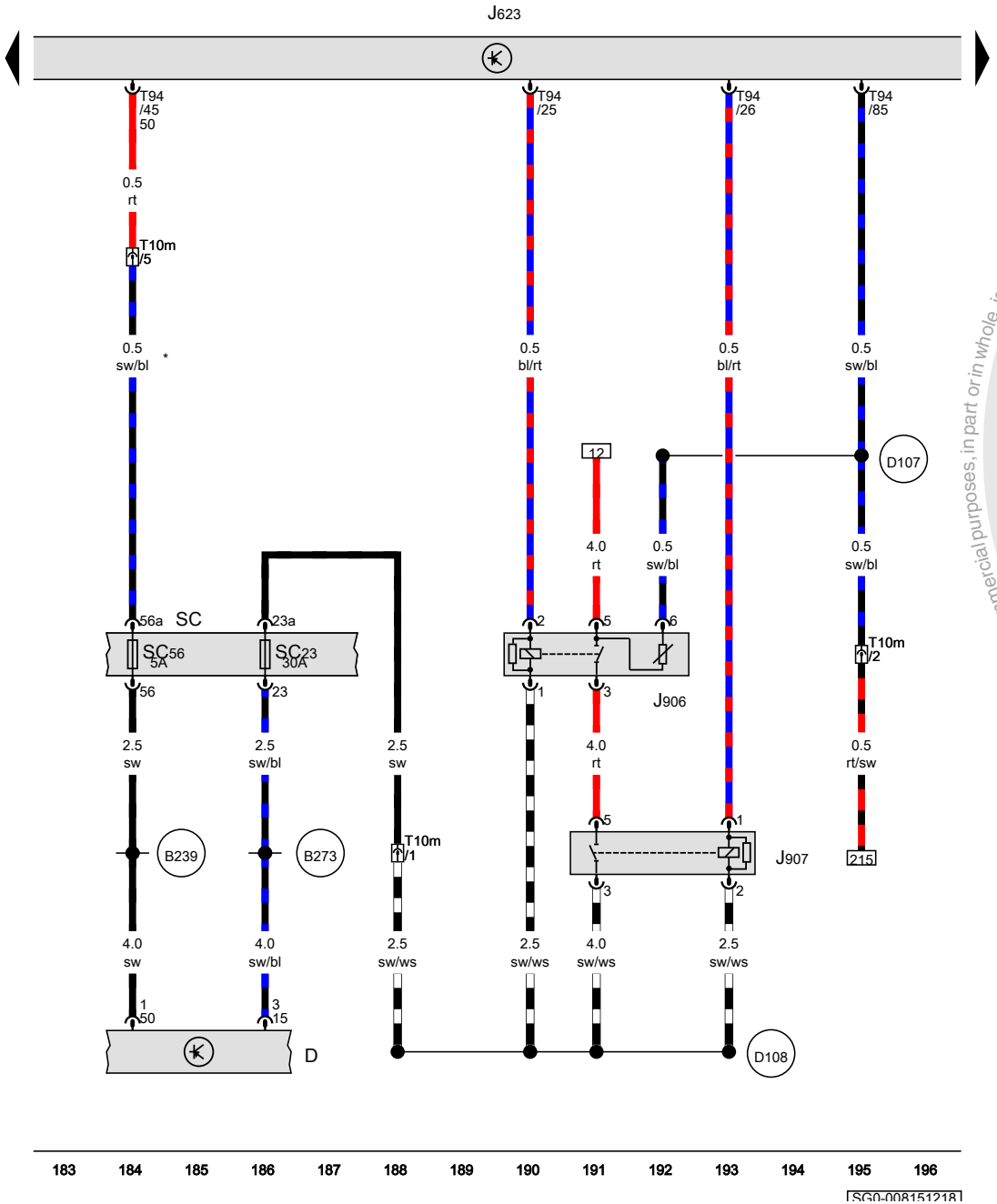
Ignition/starter switch, Engine/motor control unit, Starter relay 1, Starter relay 2, Fuse 23 on fuse holder C, Fuse 56 on fuse holder C



D	Ignition/starter switch
J623	Engine/motor control unit, in E-box in engine compartment
J906	Starter relay 1, in E-box in engine compartment
J907	Starter relay 2, in E-box in engine compartment
SC	Fuse holder C, in centre of dash panel
SC23	Fuse 23 on fuse holder C
SC56	Fuse 56 on fuse holder C
T10m	10-pin connector, light pink, in E-box in engine compartment
T94	94-pin connector, black
B239	Positive connection 1 (50), in interior wiring harness
B273	Positive connection (15), in main wiring harness
D107	Connection 5 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
*	For models with no electric interface

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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or	=	orange
rs	=	pink

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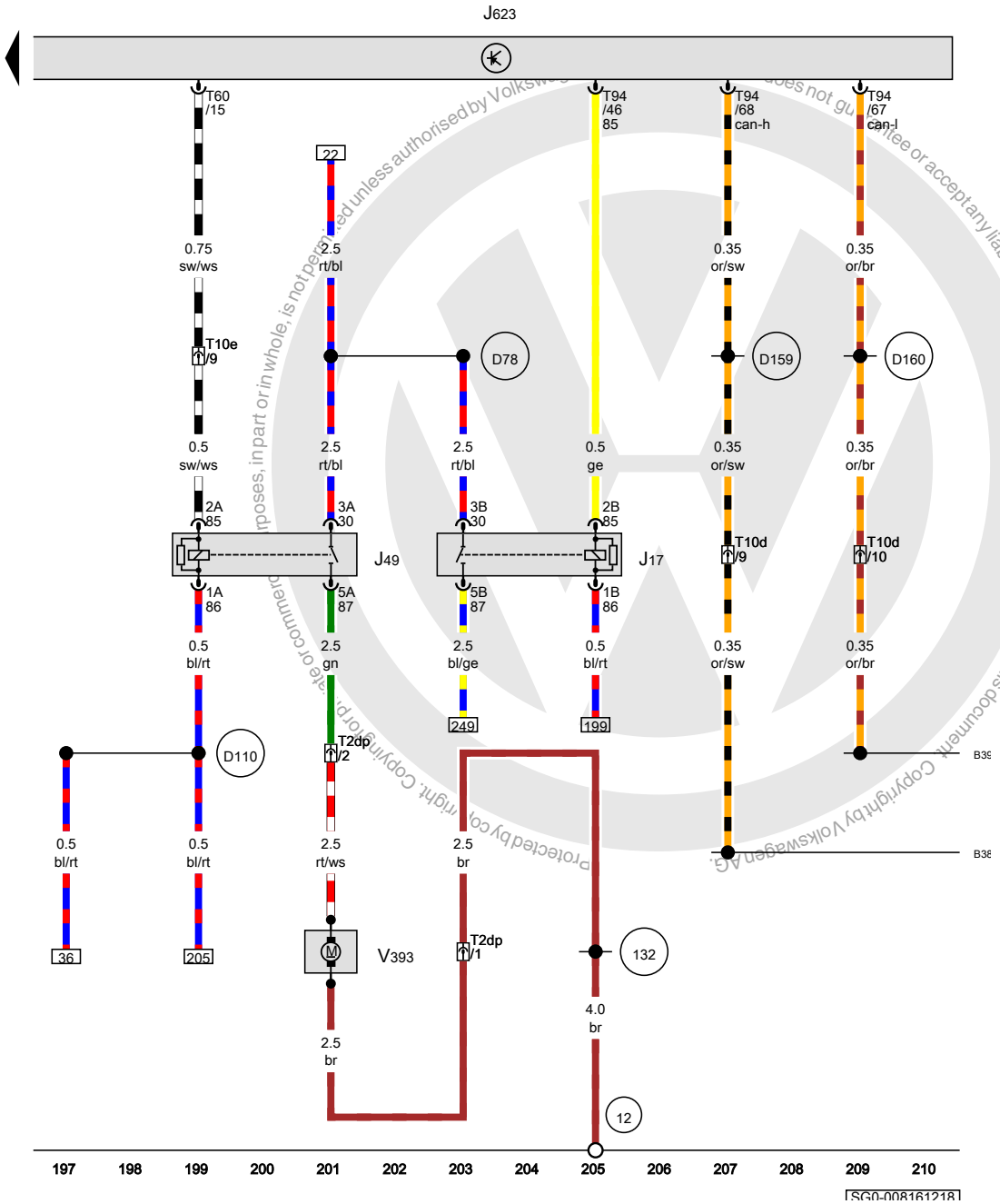

Fuel pump relay, Electric fuel pump 2 relay, Engine/motor control unit, Supplementary fuel pump

J17	Fuel pump relay, in E-box in engine compartment
J49	Electric fuel pump 2 relay, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
T2dp	2-pin connector, black, near fuel filter
T10d	10-pin connector, blue, in E-box in engine compartment
T10e	10-pin connector, white, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
V393	Supplementary fuel pump
12	Earth point, on left in engine compartment
132	Earth connection 3, in engine compartment wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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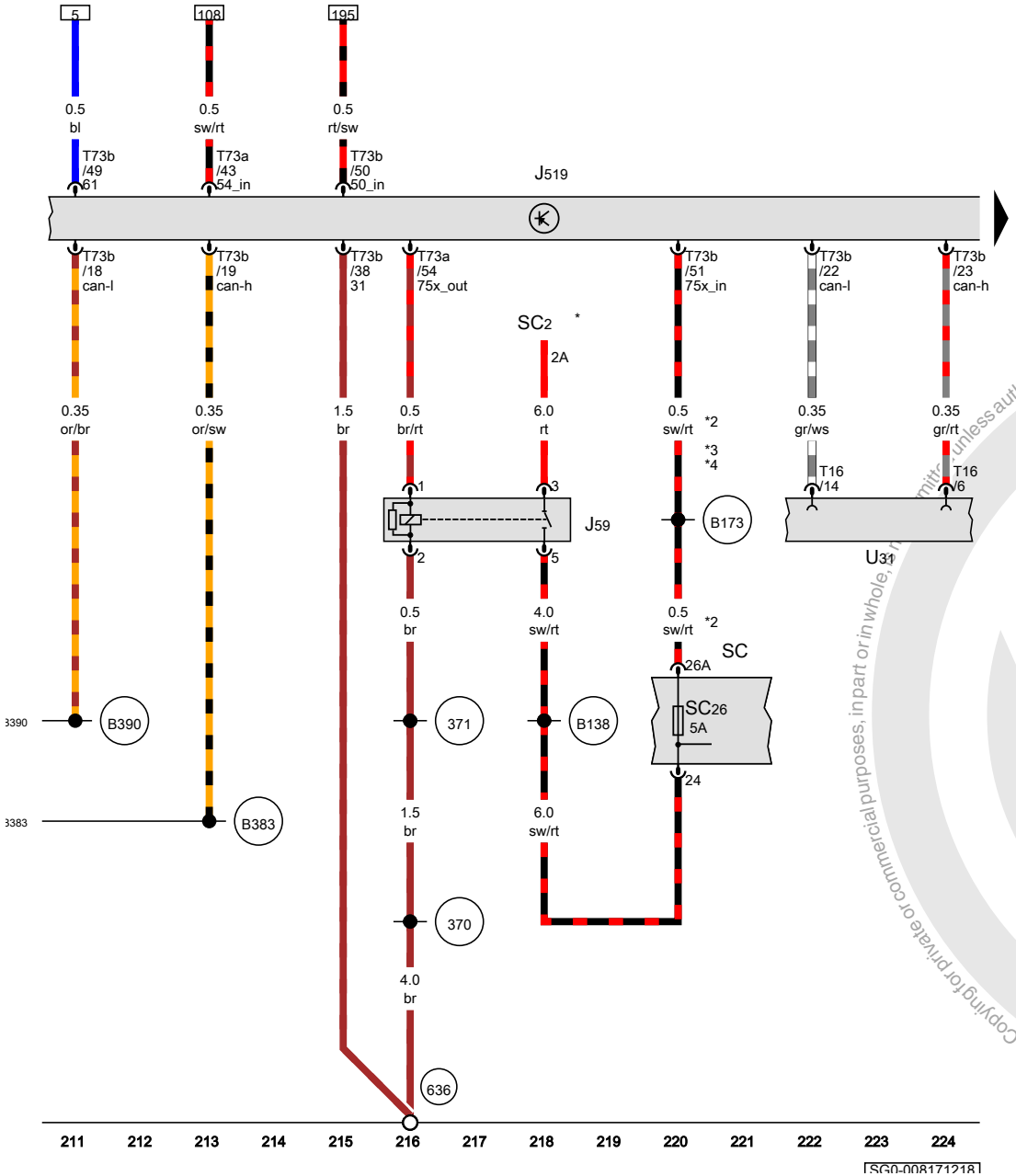
X-contact relief relay, Onboard supply control unit, Fuse 26 on fuse holder C, Diagnostic connection



J59	X-contact relief relay
J519	Onboard supply control unit
SC	Fuse holder C, in centre of dash panel
SC2	Fuse 2 on fuse holder C
SC26	Fuse 26 on fuse holder C
T16	16-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
U31	Diagnostic connection
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
636	Earth point, onboard supply control unit
B138	Positive connection (X), in interior wiring harness
B173	Positive connection 2 (X), in interior wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Up to June 2016
*3	From June 2016
*4	For models with special police equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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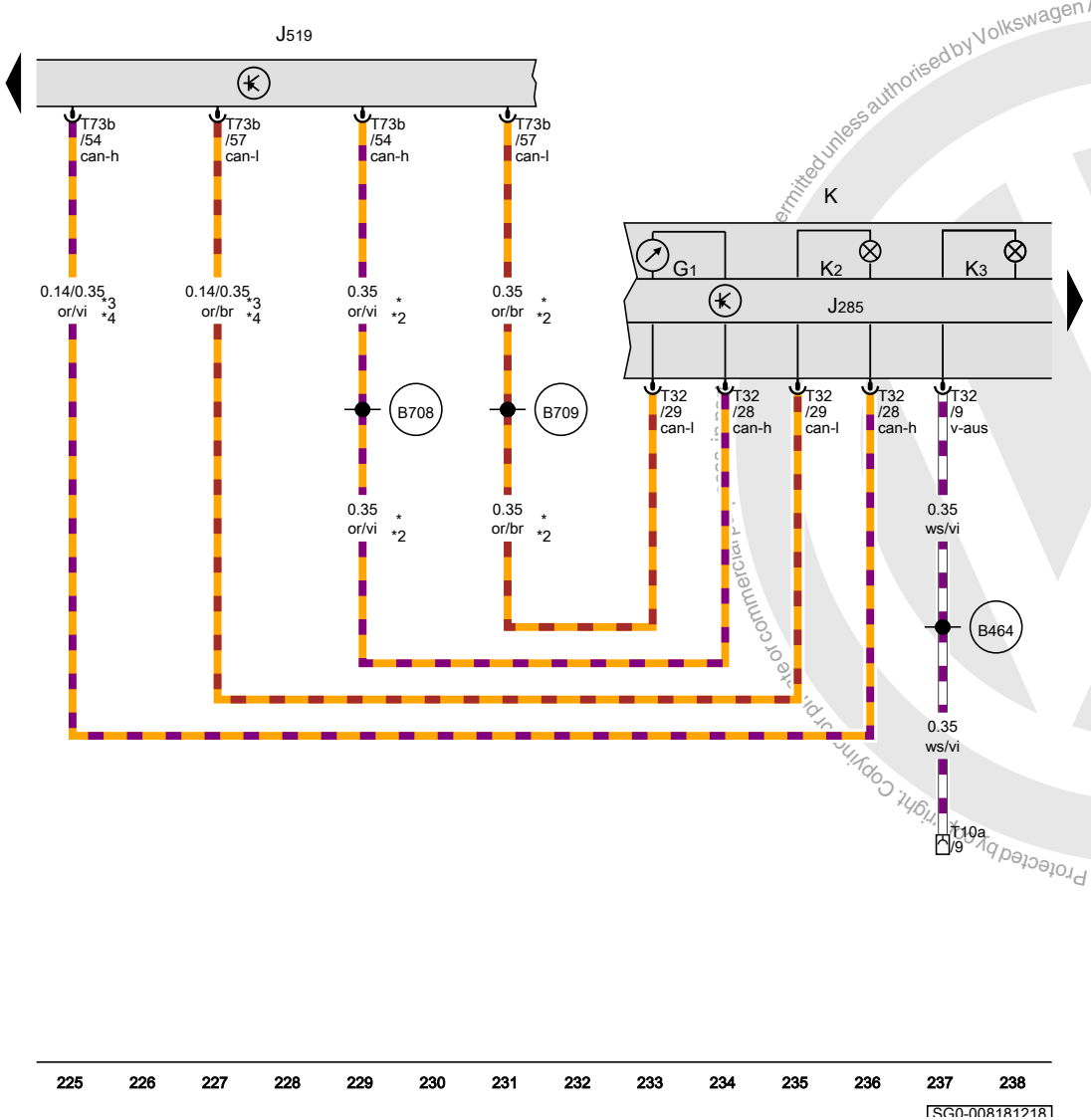
Fuel gauge, Onboard supply control unit, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp



G1	Fuel gauge
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
T10a	10-pin connector, brown, in E-box in engine compartment
T32	32-pin connector, blue
T73b	73-pin connector, white
B464	Connection (speed signal), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	For models with rain sensor
*2	For models with rain and light sensor
*3	For models with no tachograph
*4	For models with no rain and light sensor

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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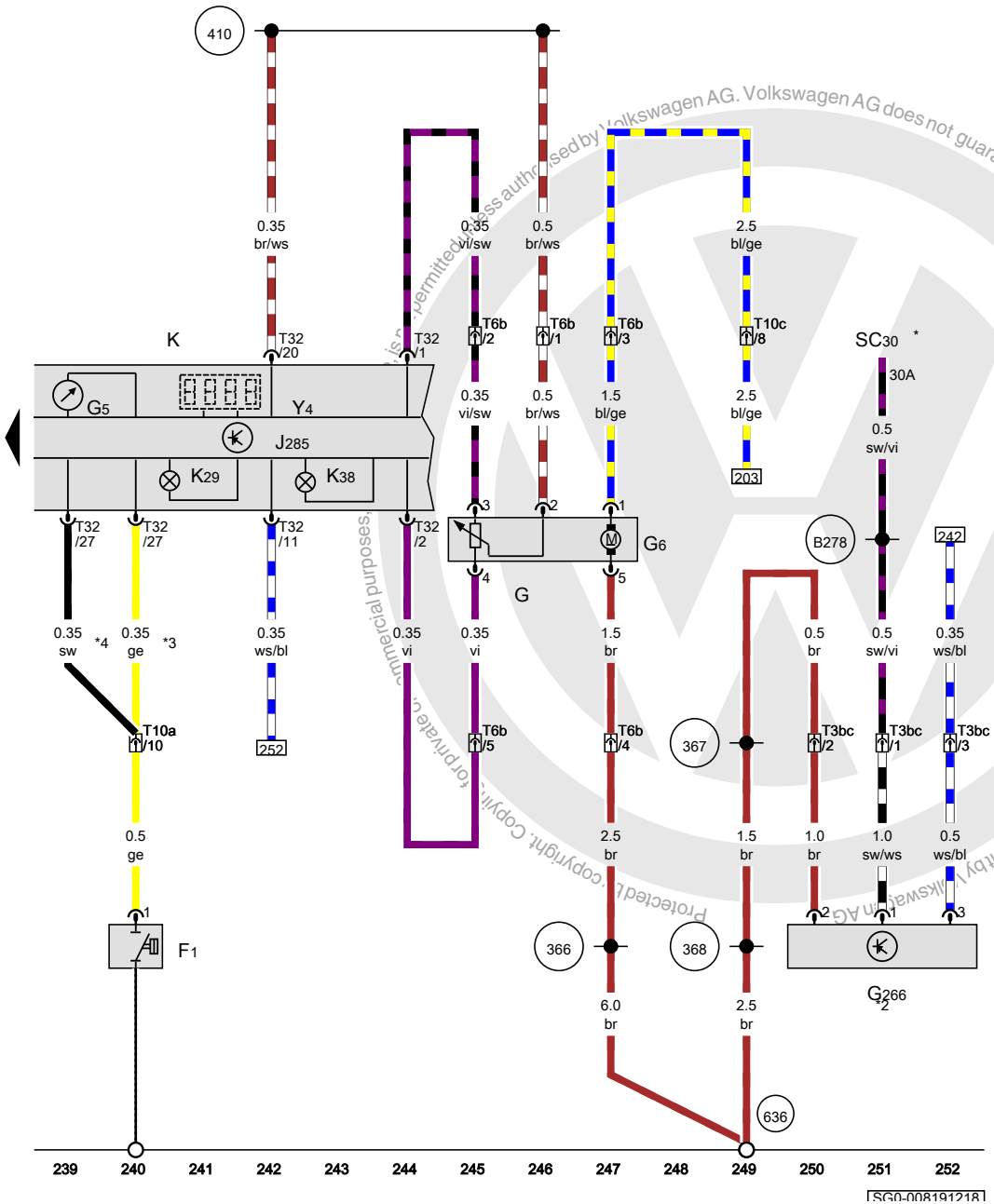
Oil pressure switch, Fuel gauge sender, Rev. counter, Fuel system pressurisation pump, Oil level and oil temperature sender, Dash panel insert, Glow period warning lamp, Oil level warning lamp



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

F1	Oil pressure switch
G	Fuel gauge sender
G5	Rev. counter
G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K	Dash panel insert
K29	Glow period warning lamp
K38	Oil level warning lamp
SC30	Fuse 30 on fuse holder C
T3bc	3-pin connector, black, on underbody, near cross panel
T6b	6-pin connector, black, on fuel tank
T10a	10-pin connector, brown, in E-box in engine compartment
T10c	10-pin connector, yellow, in E-box in engine compartment
T32	32-pin connector, blue
Y4	Trip counter
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
410	Earth connection 1 (sender earth) in main wiring harness
636	Earth point, onboard supply control unit
B278	Positive connection 2 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with extended service intervals (ESI)
*3	Up to June 2016
*4	From June 2016

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2.0l petrol engine , CJKA,CJKB,(7L3)

From June 2015

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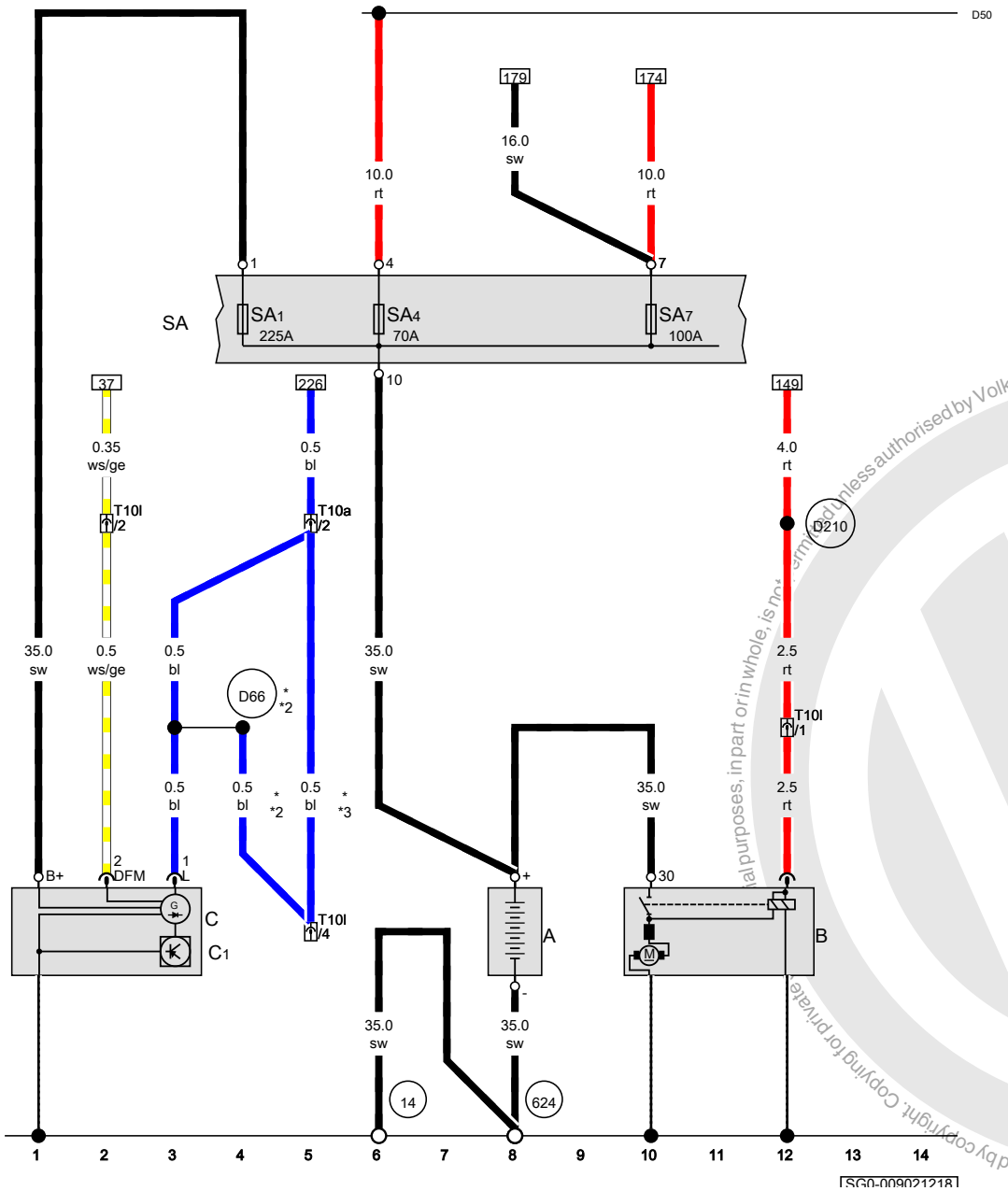
Battery, Starter, Alternator, Voltage regulator, Fuse holder A



A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA7	Fuse 7 on fuse holder A
T10a	10-pin connector, brown, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
14	Earth point, on gearbox
624	Earth point, starter battery
D50	Positive connection (30), in engine compartment wiring harness
D66	Positive connection (61), in engine compartment wiring harness
D210	Connection (50), in engine compartment wiring harness
*	For models with manual gearbox
*2	Up to June 2016
*3	From June 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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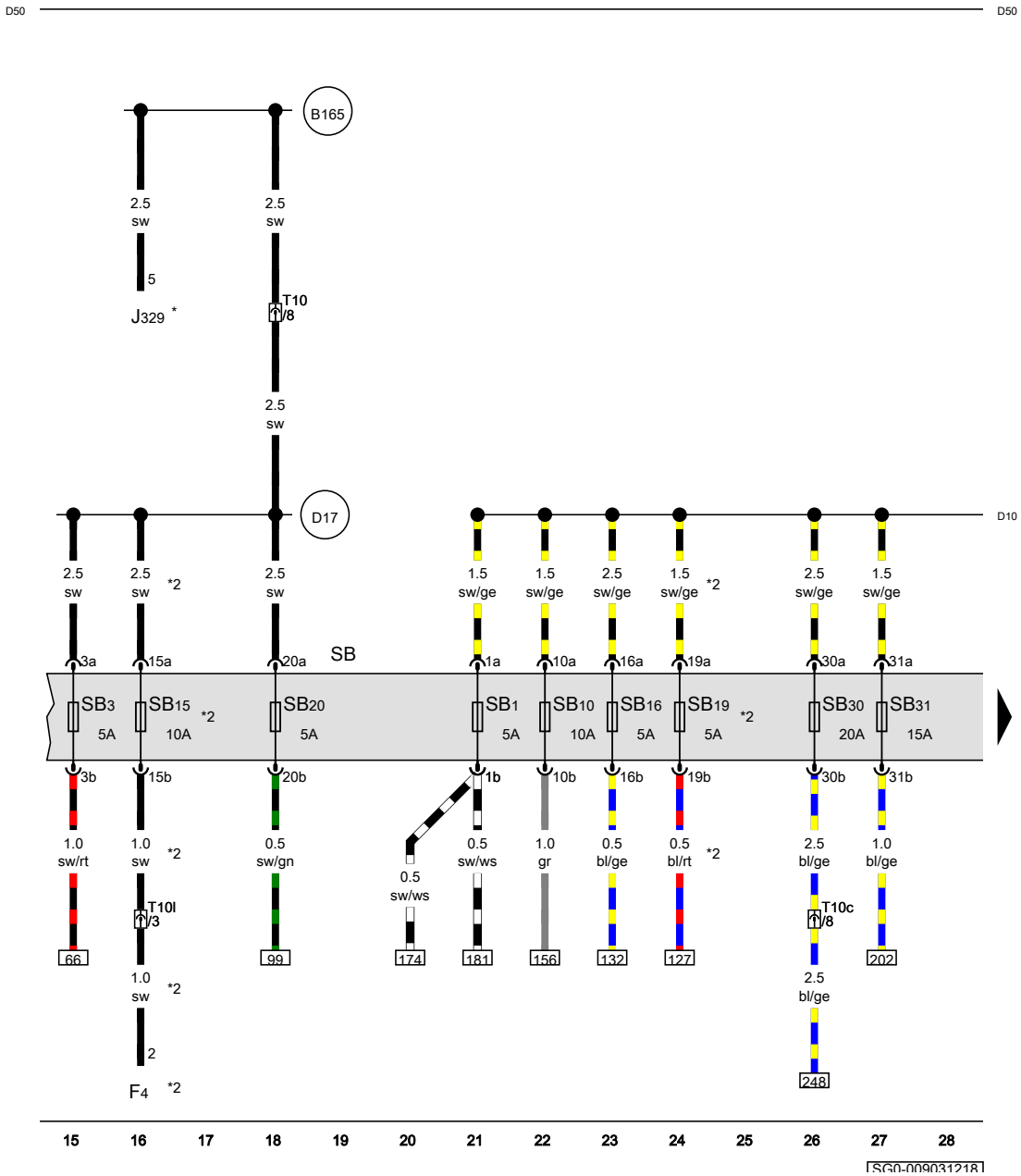

Fuse holder B

F4	Reversing light switch
J329	Terminal 15 voltage supply relay
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
SB3	Fuse 3 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB19	Fuse 19 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB30	Fuse 30 on fuse holder B
SB31	Fuse 31 on fuse holder B
T10	10-pin connector, black, in E-box in engine compartment
T10c	10-pin connector, yellow, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
B165	Positive connection 2 (15), in interior wiring harness
D17	Positive connection 1 (15), in engine harness
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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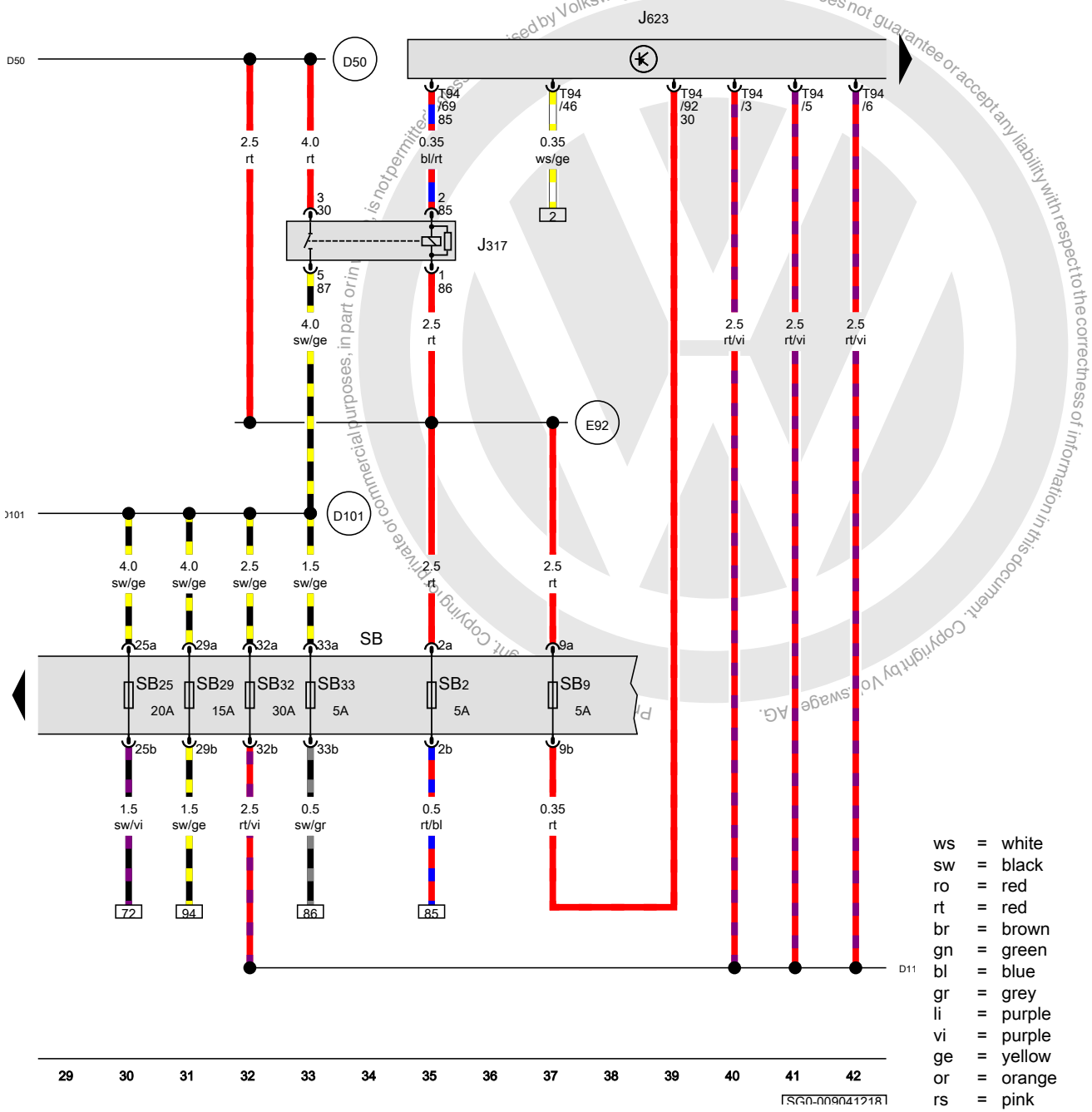

Terminal 30 voltage supply relay, Engine/motor control unit, Fuse holder B

J317	Terminal 30 voltage supply relay, in E-box
J623	Engine/motor control unit, in E-box
SB	Fuse holder B
SB2	Fuse 2 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB25	Fuse 25 on fuse holder B
SB29	Fuse 29 on fuse holder B
SB32	Fuse 32 on fuse holder B
SB33	Fuse 33 on fuse holder B
T94	94-pin connector, black
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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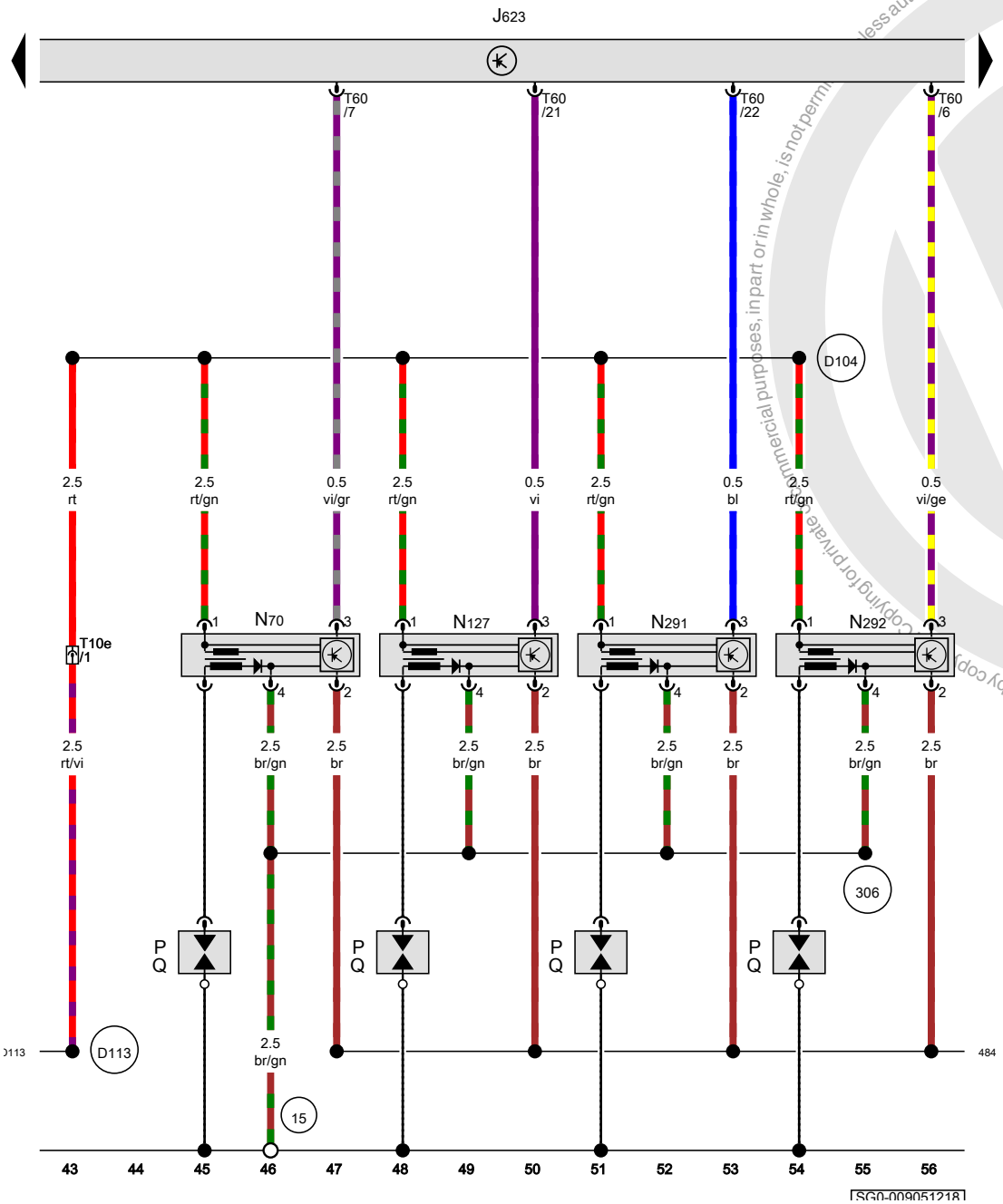

Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage, Spark plug connector, Spark plugs

J623	Engine/motor control unit, in E-box
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
P	Spark plug connector
Q	Spark plugs
T10e	10-pin connector, white, in E-box in engine compartment
T60	60-pin connector, black
15	Earth point, on cylinder head
306	Earth connection (ignition coils), in engine prewiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
D104	Positive connection 2 (30a), in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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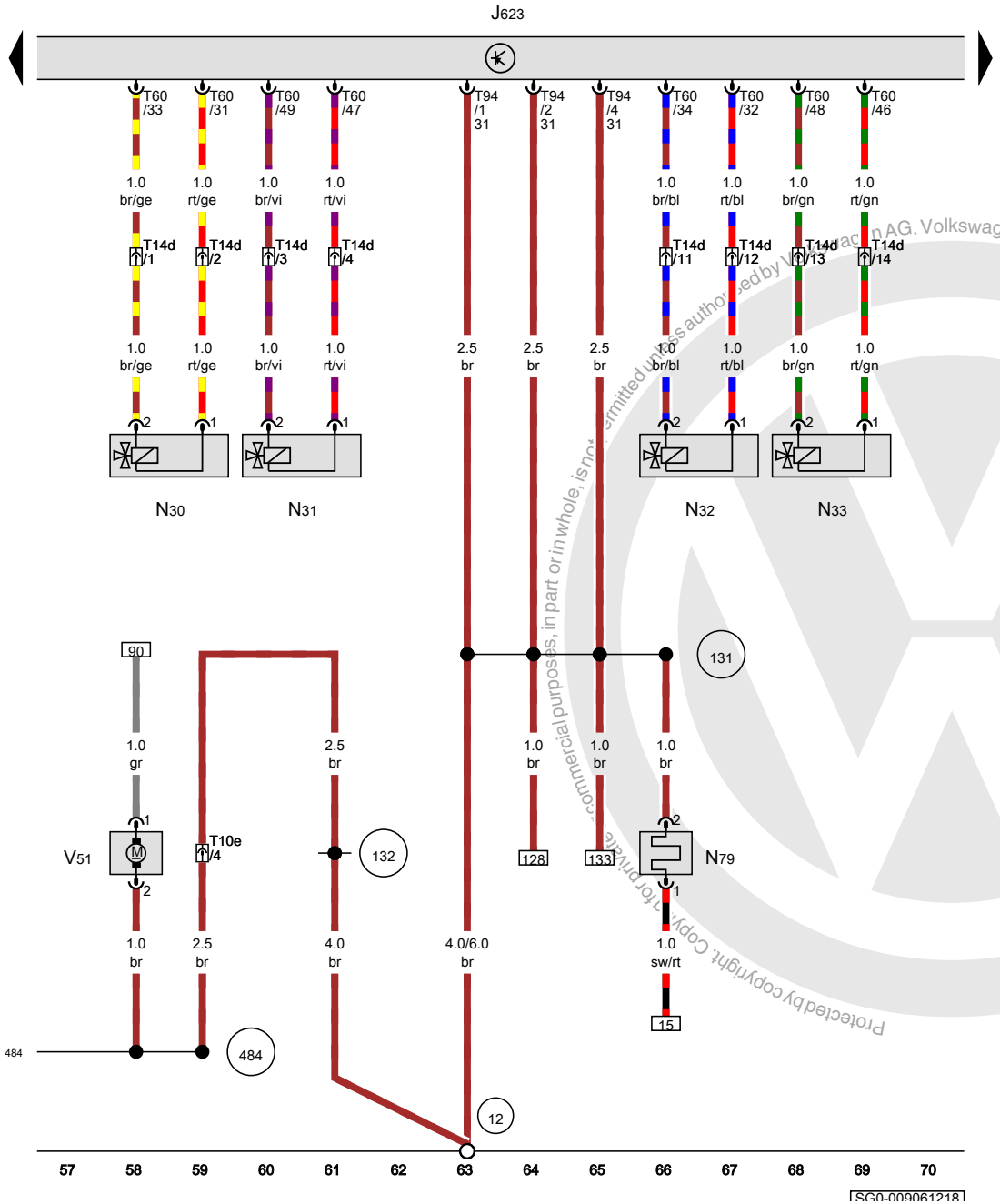

Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Heater element for crankcase breather, Continued coolant circulation pump

J623	Engine/motor control unit, in E-box
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N79	Heater element for crankcase breather
T10e	10-pin connector, white, in E-box in engine compartment
T14d	14-pin connector, black, on front of engine
T60	60-pin connector, black
T94	94-pin connector, black
V51	Continued coolant circulation pump
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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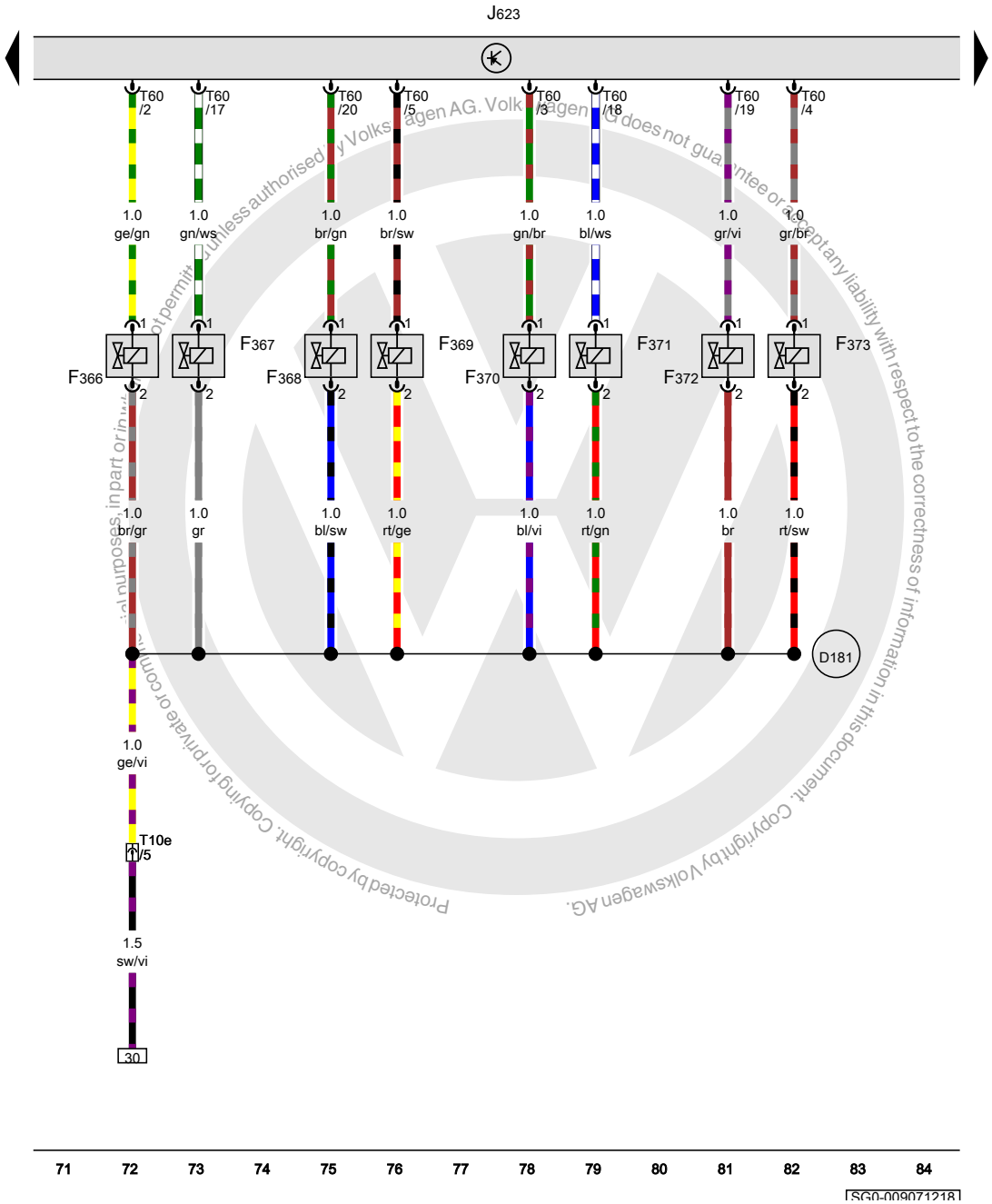

Cam adjustment actuator 1, Cam adjustment actuator 2, Cam adjustment actuator 3, Cam adjustment actuator 4, Cam adjustment actuator 5, Cam adjustment actuator 6, Cam adjustment actuator 7, Cam adjustment actuator 8, Engine/motor control unit

F366	Cam adjustment actuator 1
F367	Cam adjustment actuator 2
F368	Cam adjustment actuator 3
F369	Cam adjustment actuator 4
F370	Cam adjustment actuator 5
F371	Cam adjustment actuator 6
F372	Cam adjustment actuator 7
F373	Cam adjustment actuator 8
J623	Engine/motor control unit, in E-box
T10e	10-pin connector, white, in E-box in engine compartment
T60	60-pin connector, black
D181	Connection 2 (87a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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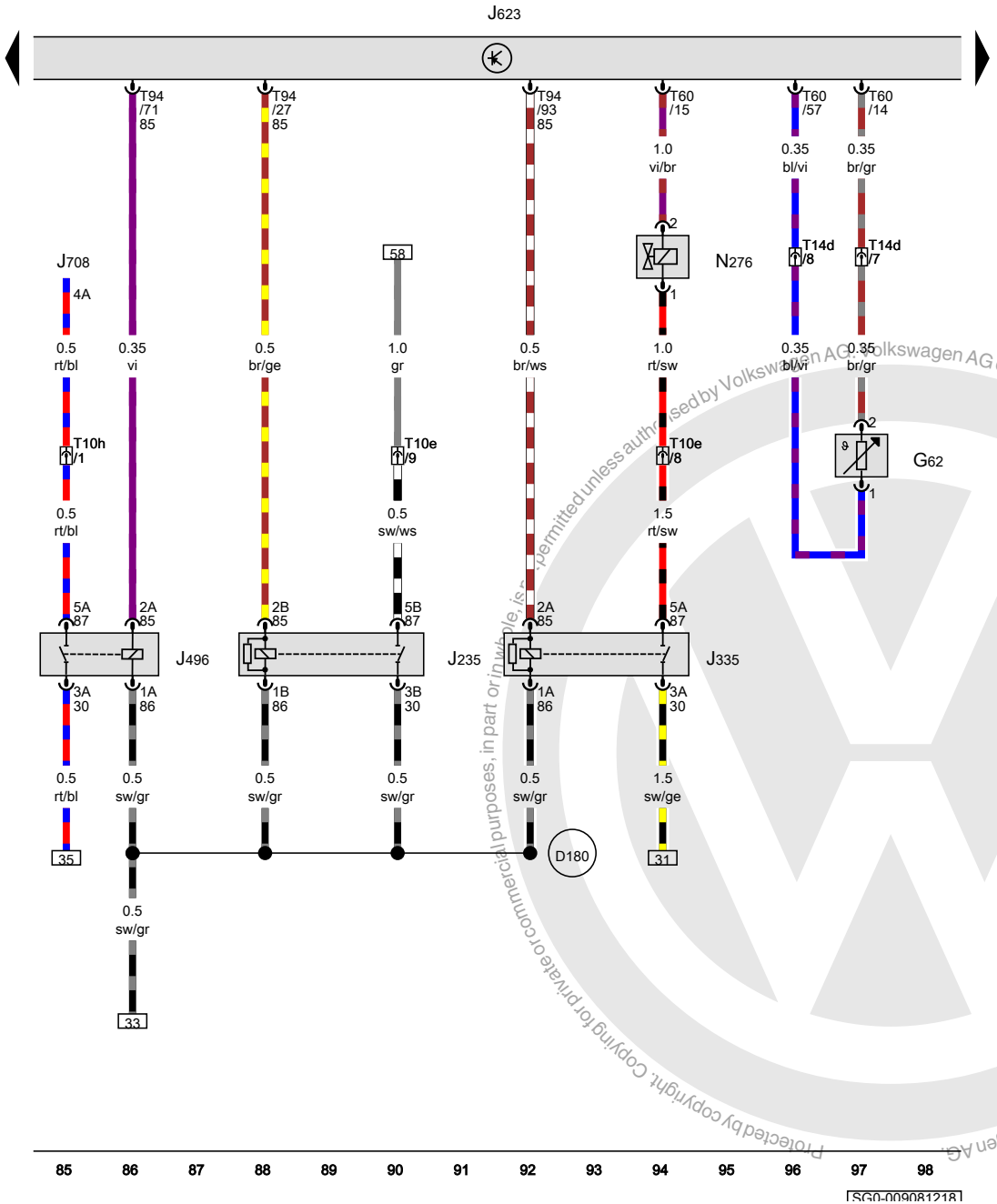

Coolant temperature sender, Coolant pump relay, Fuel shut-off valve switch-off relay, Additional coolant pump relay, Engine/motor control unit, Fuel pressure regulating valve

G62	Coolant temperature sender
J235	Coolant pump relay, in E-box
J335	Fuel shut-off valve switch-off relay, in E-box
J496	Additional coolant pump relay, in E-box
J623	Engine/motor control unit, in E-box
J708	Residual heat relay
N276	Fuel pressure regulating valve
T10e	10-pin connector, white, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T14d	14-pin connector, black, on front of engine
T60	60-pin connector, black
T94	94-pin connector, black
D180	Connection (87a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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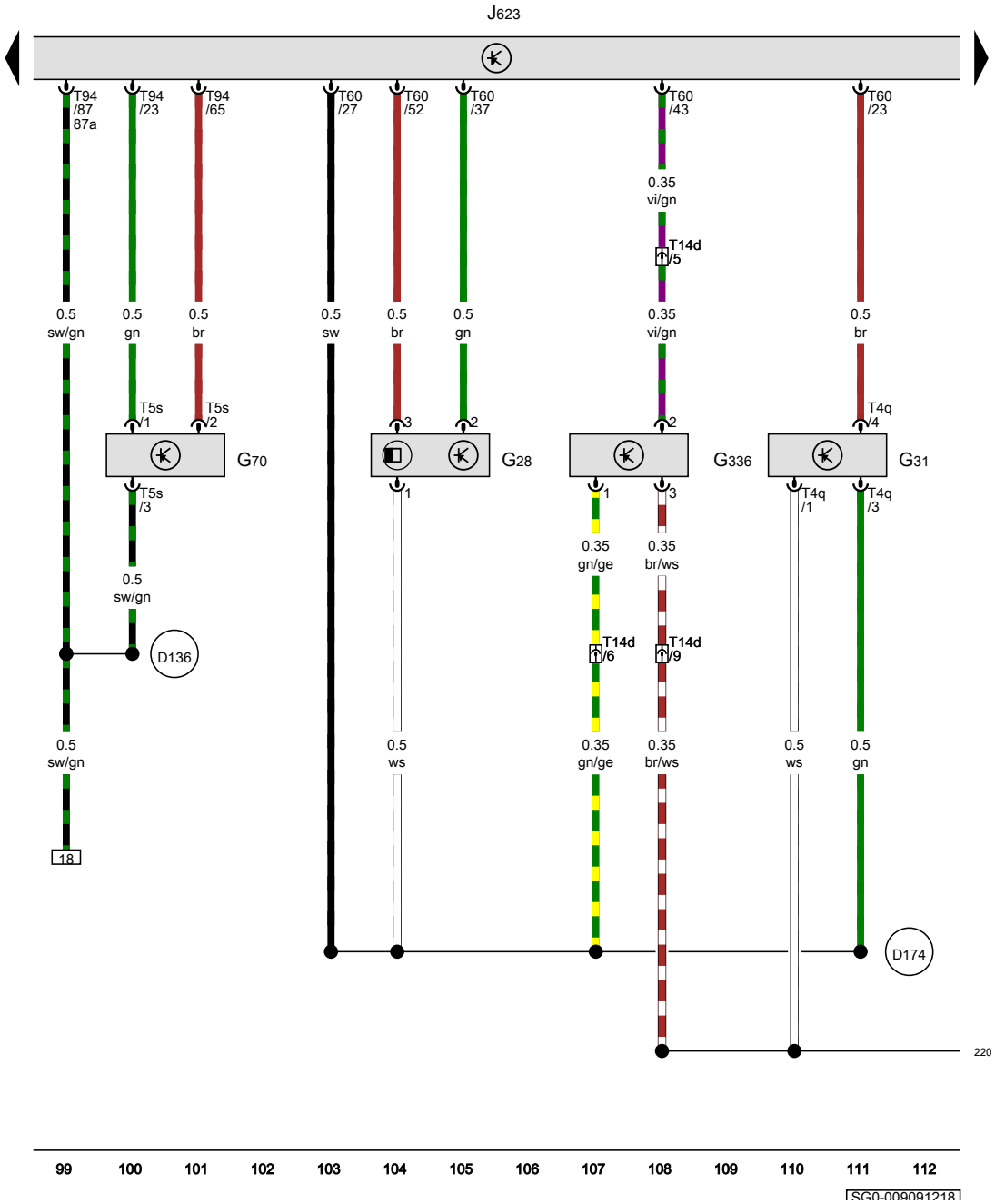

Engine speed sender, Charge pressure sender, Air mass meter, Intake manifold flap potentiometer, Engine/motor control unit

G28	Engine speed sender
G31	Charge pressure sender
G70	Air mass meter
G336	Intake manifold flap potentiometer
J623	Engine/motor control unit, in E-box
T4q	4-pin connector, brown
T5s	5-pin connector, black
T14d	14-pin connector, black, on front of engine
T60	60-pin connector, black
T94	94-pin connector, black
220	Earth connection (sender earth), in engine wiring harness
D136	Positive connection 2 (15a), in engine compartment wiring harness
D174	Connection 2 (5V) in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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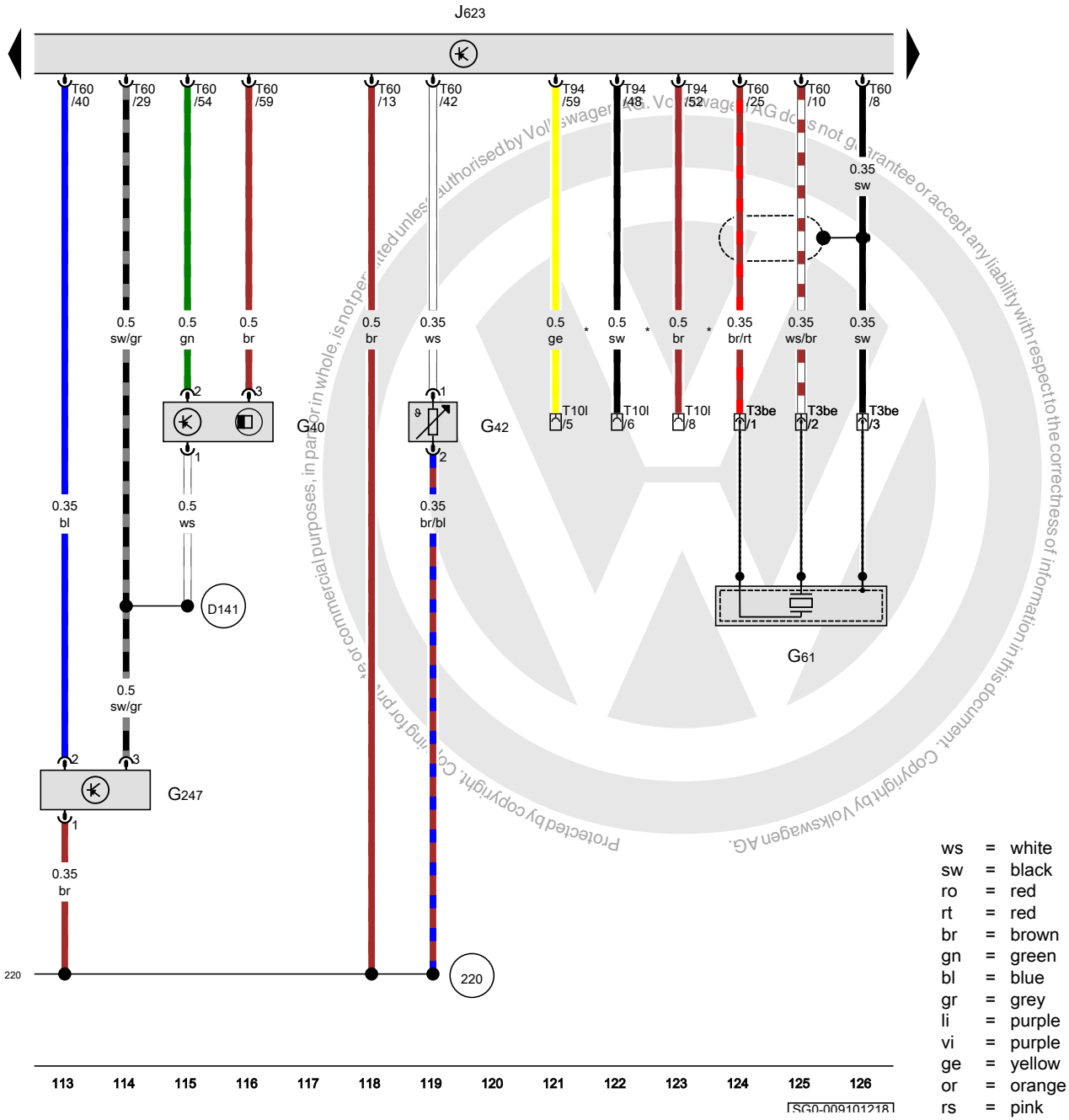
Hall sender, Intake air temperature sender, Knock sensor 1, Fuel pressure sender, Engine/motor control unit



G40	Hall sender
G42	Intake air temperature sender
G61	Knock sensor 1
G247	Fuel pressure sender
J623	Engine/motor control unit, in E-box
T3be	3-pin connector, green, on front of engine
T10l	10-pin connector, light green, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
220	Earth connection (sender earth), in engine wiring harness
D141	Connection (5V) in engine prewiring harness
*	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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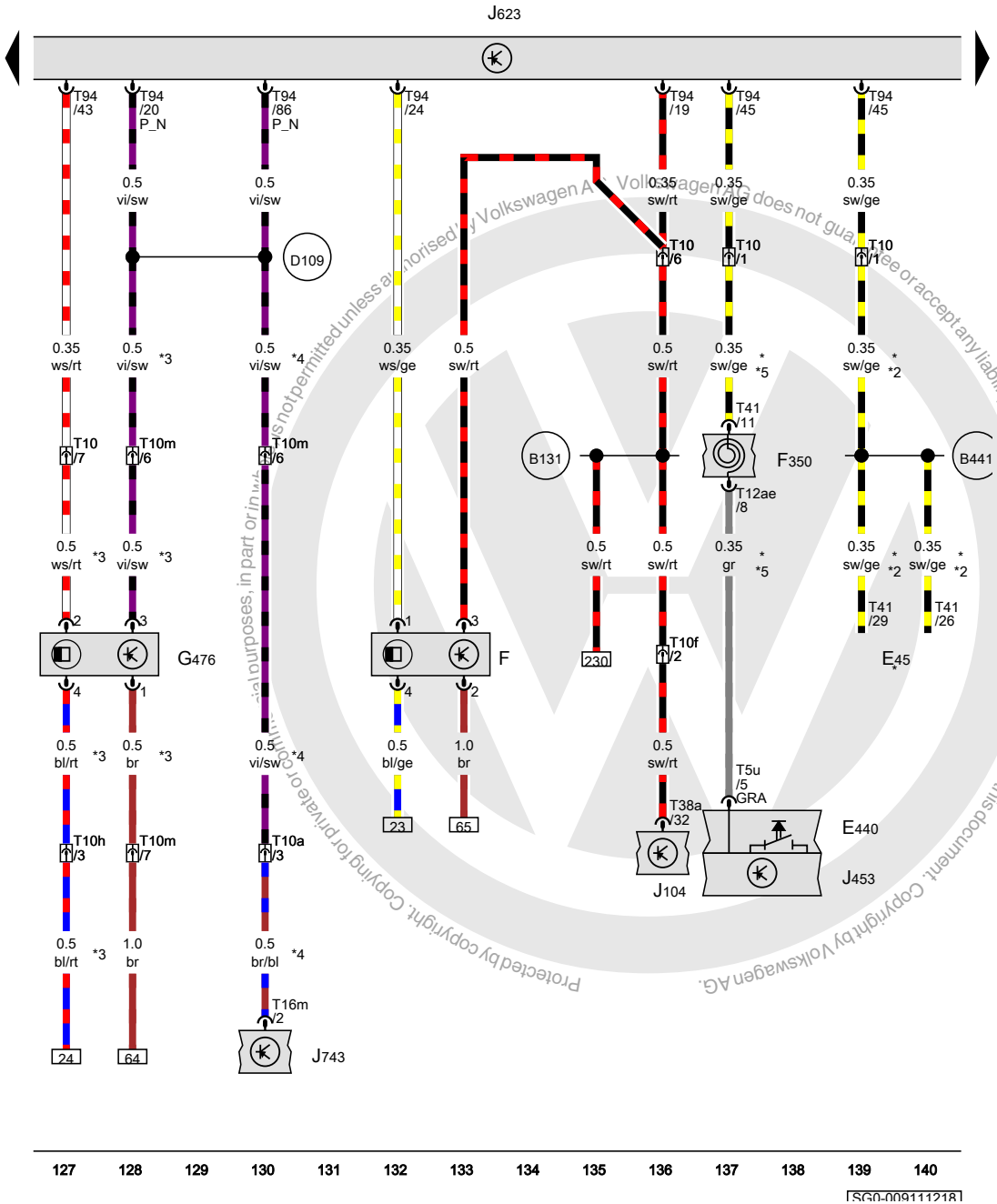

Cruise control system switch, Multifunction buttons on left in steering wheel, Brake light switch, Coil connector, Clutch position sender, Multifunction steering wheel control unit, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

E45	Cruise control system switch
E440	Multifunction buttons on left in steering wheel
F	Brake light switch, on brake master cylinder
F350	Coil connector, in steering wheel
G476	Clutch position sender
J104	ABS control unit
J453	Multifunction steering wheel control unit
J623	Engine/motor control unit, in E-box
J743	Mechatronic unit for dual clutch gearbox
T5u	5-pin connector, black
T10	10-pin connector, black, in E-box in engine compartment
T10a	10-pin connector, brown, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T12ae	12-pin connector, yellow
T16m	16-pin connector, black
T38a	38-pin connector, black
T41	41-pin connector, grey
T94	94-pin connector, black
B131	Connection (54), in interior wiring harness
B441	Connection (CCS), in main wiring harness
D109	Connection 7 in engine compartment wiring harness
*	For models with cruise control system
*2	For models with no multifunction steering wheel
*3	For models with manual gearbox
*4	For models with dual clutch gearbox
*5	For models with multifunction steering wheel

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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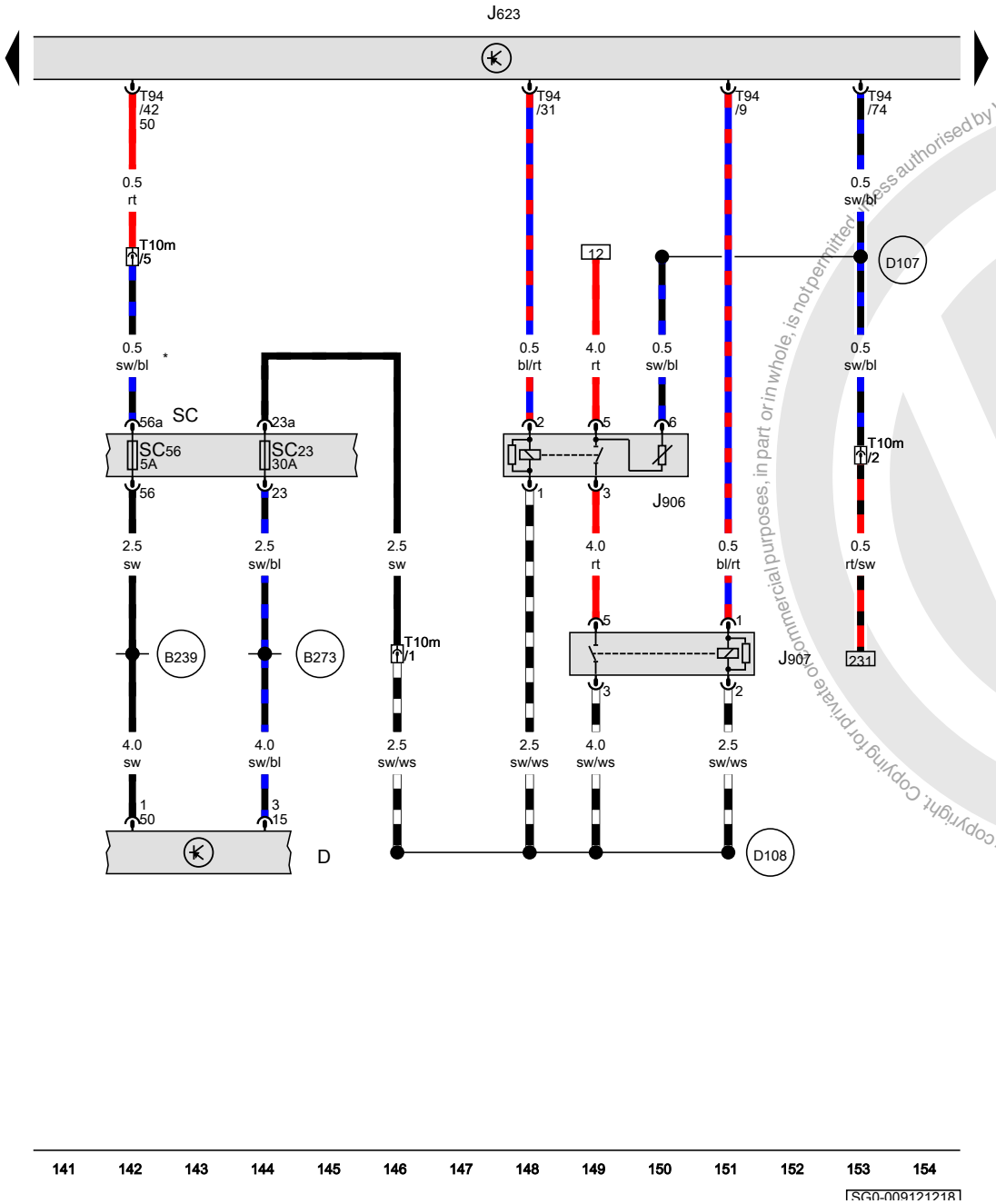
Engine/motor control unit, Starter relay 1, Starter relay 2, Fuse holder C, Fuse 23 on fuse holder C, Fuse 56 on fuse holder C



D	Ignition/starter switch
J623	Engine/motor control unit, in E-box
J906	Starter relay 1, in E-box
J907	Starter relay 2, in E-box
SC	Fuse holder C, in centre of dash panel
SC23	Fuse 23 on fuse holder C
SC56	Fuse 56 on fuse holder C
T10m	10-pin connector, light pink, in E-box in engine compartment
T94	94-pin connector, black
B239	Positive connection 1 (50), in interior wiring harness
B273	Positive connection (15), in main wiring harness
D107	Connection 5 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
*	For models with no electric interface

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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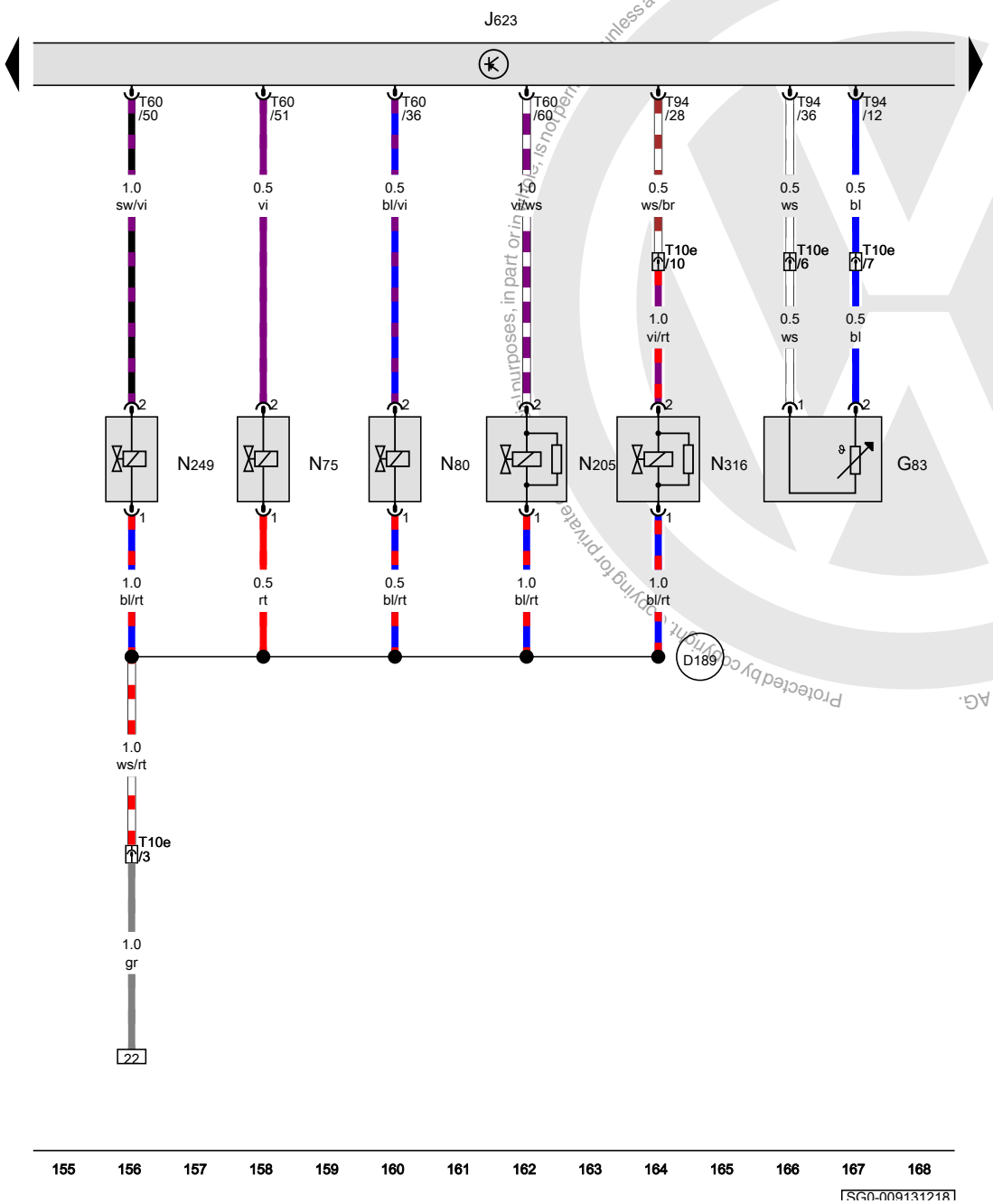

Radiator outlet coolant temperature sender, Engine/motor control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve, Intake manifold flap valve

G83	Radiator outlet coolant temperature sender
J623	Engine/motor control unit, in E-box
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
T10e	10-pin connector, white, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
D189	Connection (87a) in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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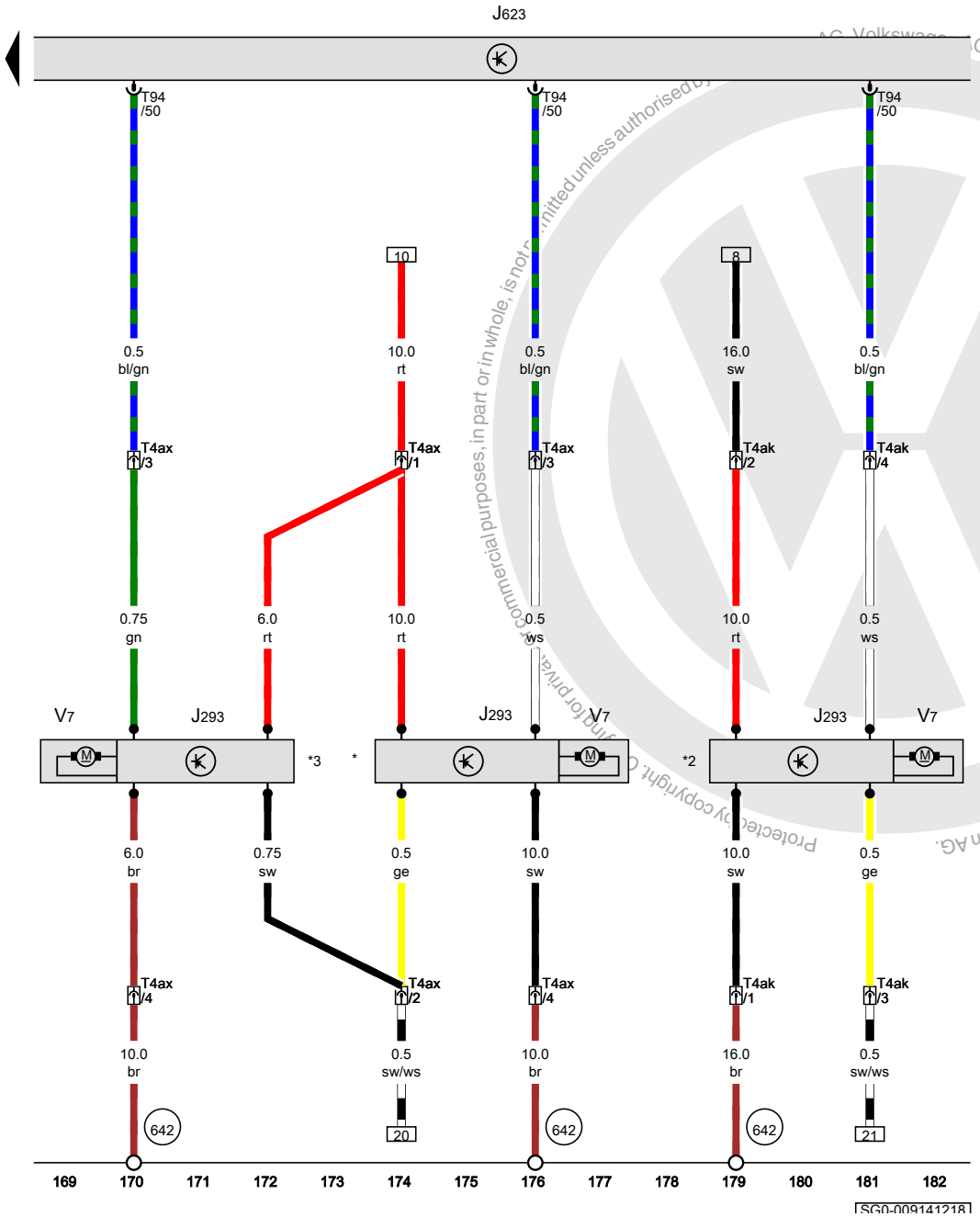
Radiator fan control unit, Engine/motor control unit



J293	Radiator fan control unit
J623	Engine/motor control unit, in E-box
T4ak	4-pin connector, black, near radiator fan
T4ax	4-pin connector, black, near radiator fan
T94	94-pin connector, black
V7	Radiator fan
642	Earth point for electronically controlled fan
*	For models with medium fan output
*2	For models with increased fan output
*3	For models with low fan output

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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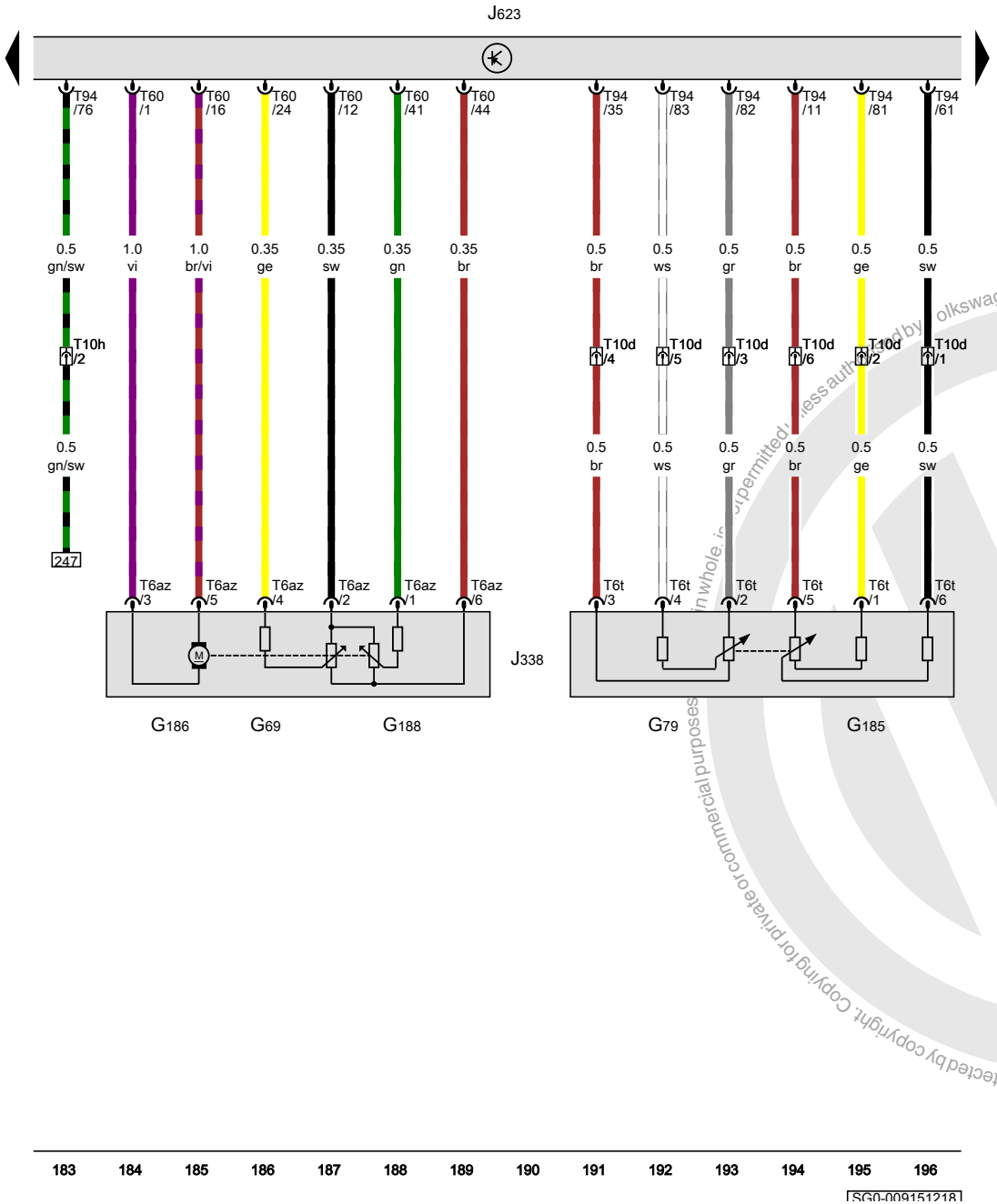
Accelerator position sender, Accelerator position sender 2, Throttle valve drive for electric throttle, Throttle valve module, Engine/motor control unit



G69	Throttle valve potentiometer
G79	Accelerator position sender
G185	Accelerator position sender 2
G186	Throttle valve drive for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J338	Throttle valve module
J623	Engine/motor control unit, in E-box
T6az	6-pin connector, black
T6t	6-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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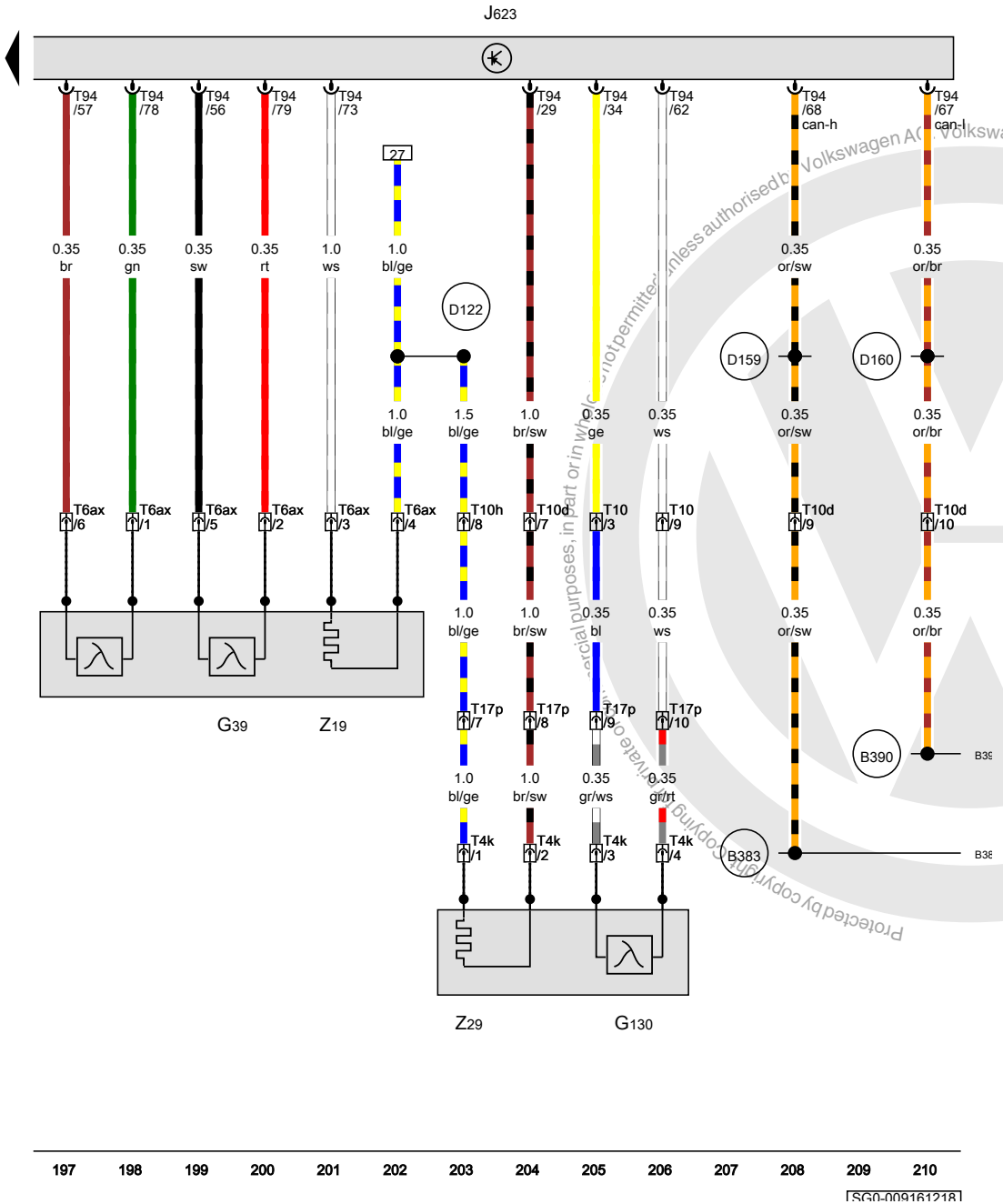

Lambda probe, Lambda probe after catalytic converter, Engine/motor control unit, Lambda probe heater, Lambda probe 1 heater after catalytic converter

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine/motor control unit, in E-box
T4k	4-pin connector, black, on underbody, next to auxiliary heater
T6ax	6-pin connector, black, on right in engine compartment
T10	10-pin connector, black, in E-box in engine compartment
T10d	10-pin connector, blue, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T17p	17-pin connector, red, under seat on front left
T94	94-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
D122	Connection 20 in engine compartment wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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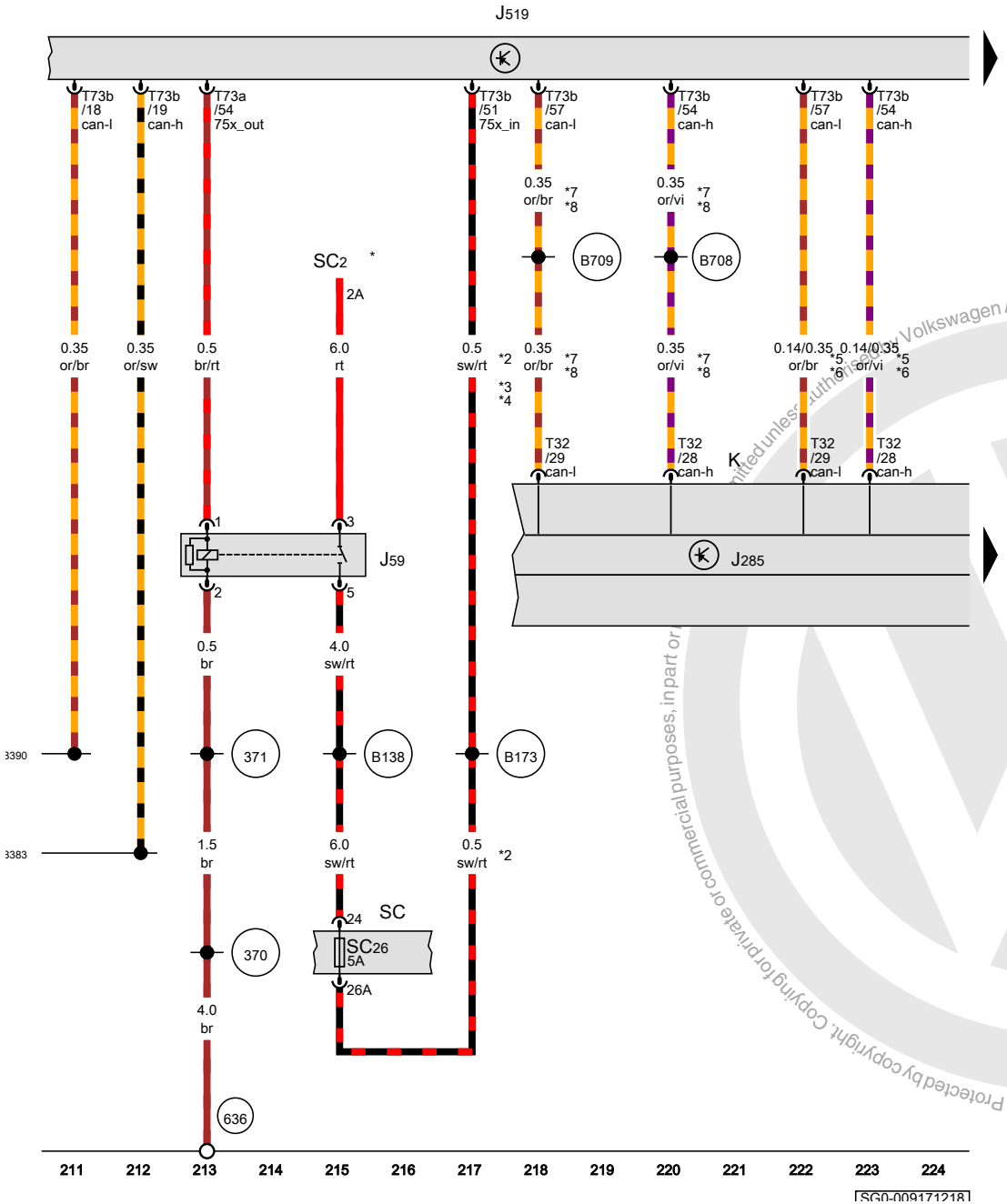

X-contact relief relay, Onboard supply control unit, Dash panel insert, Fuse holder C, Fuse 26 on fuse holder C

J59	X-contact relief relay
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
SC	Fuse holder C, in centre of dash panel
SC2	Fuse 2 on fuse holder C
SC26	Fuse 26 on fuse holder C
T32	32-pin connector, blue
T73a	73-pin connector, black
T73b	73-pin connector, white
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
636	Earth point, onboard supply control unit
B138	Positive connection (X), in interior wiring harness
B173	Positive connection 2 (X), in interior wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Up to June 2016
*3	From June 2016
*4	For models with special police equipment
*5	For models with no rain and light sensor
*6	For models with no tachograph
*7	For models with rain sensor
*8	For models with tachograph

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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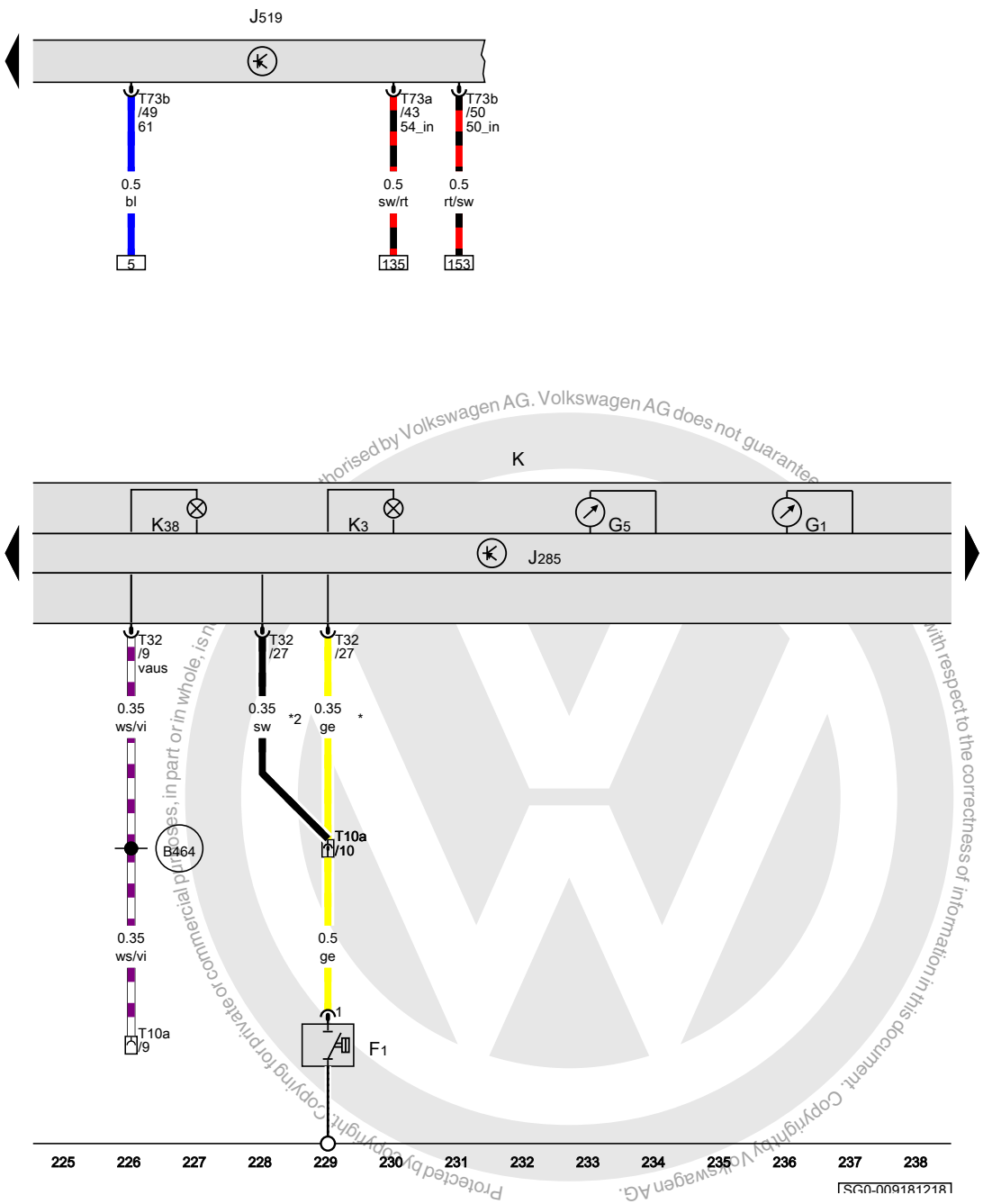
Oil pressure switch, Fuel gauge, Rev. counter, Onboard supply control unit, Dash panel insert, Oil pressure warning lamp, Oil level warning lamp



F1	Oil pressure switch
G1	Fuel gauge
G5	Rev. counter
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K3	Oil pressure warning lamp
K38	Oil level warning lamp
T10a	10-pin connector, brown, in E-box in engine compartment
T32	32-pin connector, blue
T73a	73-pin connector, black
T73b	73-pin connector, white
B464	Connection (speed signal), in main wiring harness
*	Up to June 2016
*2	From June 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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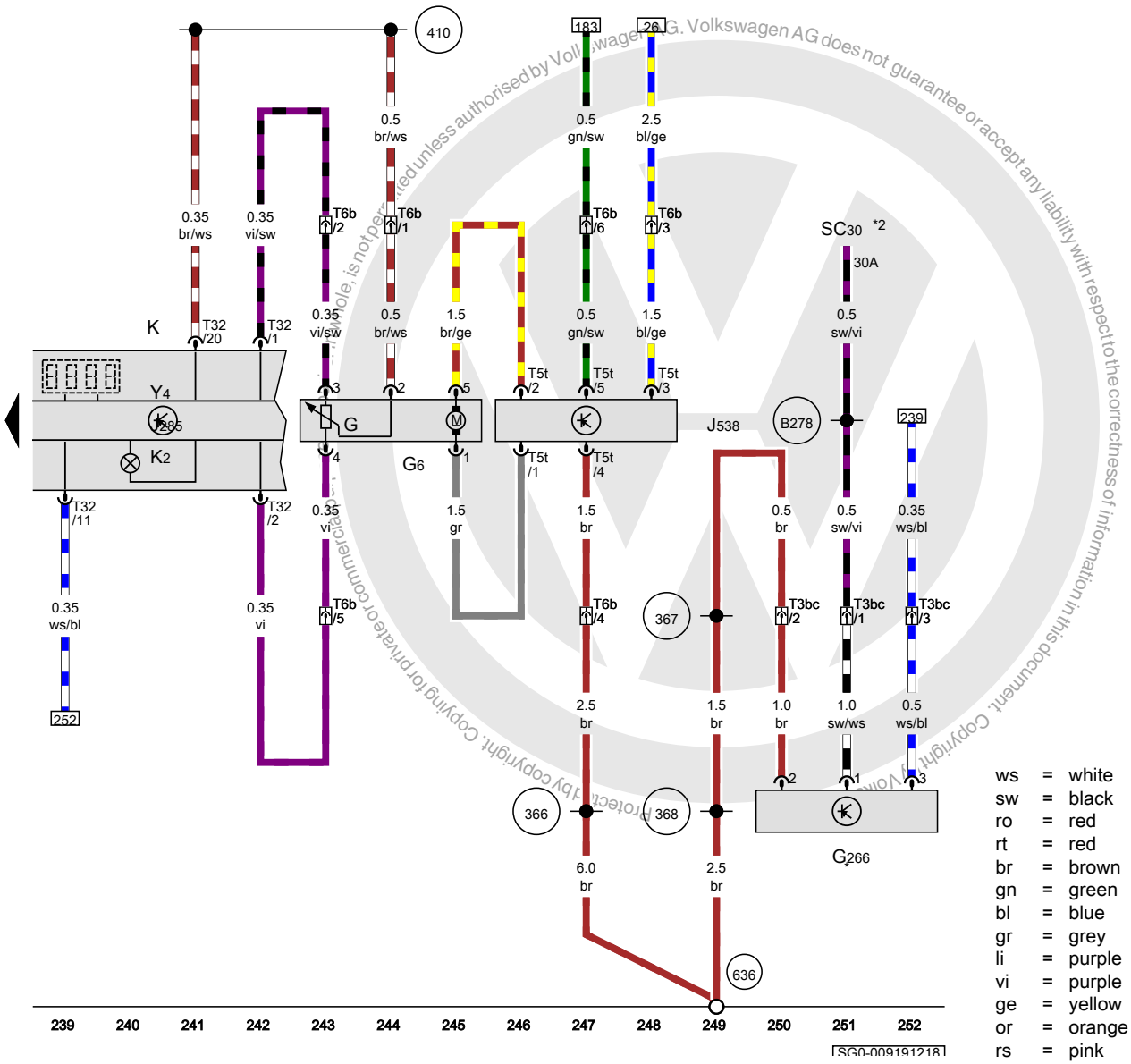
Fuel gauge sender, Fuel system pressurisation pump, Oil level and oil temperature sender, Fuel pump control unit, Dash panel insert, Alternator warning lamp, Trip counter



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

G	Fuel gauge sender
G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K	Dash panel insert
K2	Alternator warning lamp
SC30	Fuse 30 on fuse holder C
T3bc	3-pin connector, black, on underbody, near cross panel
T5t	5-pin connector, black
T6b	6-pin connector, black, on fuel tank
T32	32-pin connector, blue
Y4	Trip counter
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
410	Earth connection 1 (sender earth) in main wiring harness
636	Earth point, onboard supply control unit
B278	Positive connection 2 (15a) in main wiring harness
*	For models with extended service intervals (ESI)
*2	see applicable current flow diagram for fuse assignment

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2.0l petrol engine with start/stop system , CJKA,CJKB,(7L6)

From June 2015

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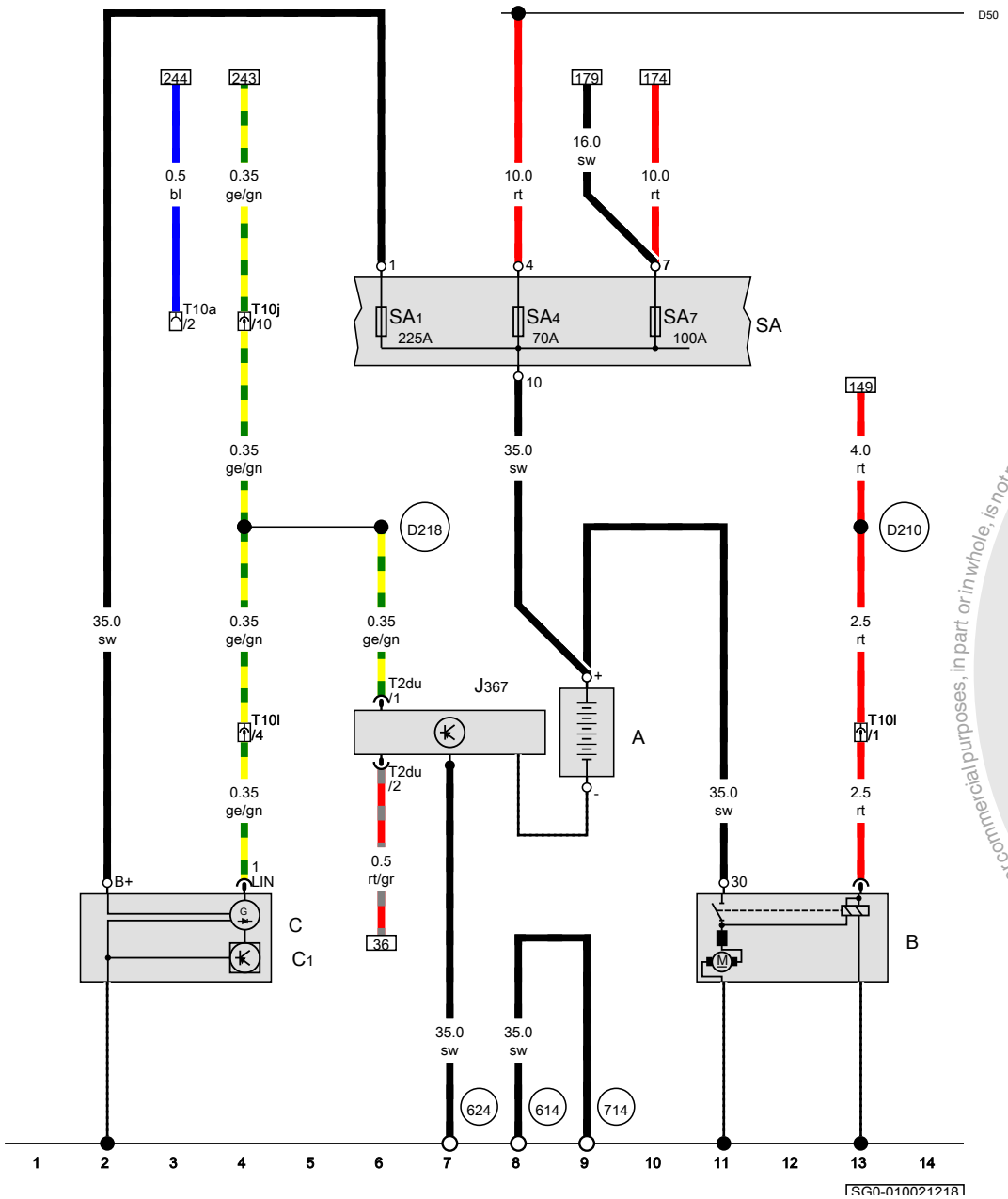
Battery, Starter, Alternator, Voltage regulator, Fuse holder A



A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J367	Battery monitor control unit
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA7	Fuse 7 on fuse holder A
T2du	2-pin connector, black
T10a	10-pin connector, brown, in E-box in engine compartment
T10j	10-pin connector, dark brown, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
614	Earth point 2, on right in engine compartment
624	Earth point, starter battery
714	Earth point on right of engine
D50	Positive connection (30), in engine compartment wiring harness
D210	Connection (50), in engine compartment wiring harness
D218	Connection 1 (LIN bus) in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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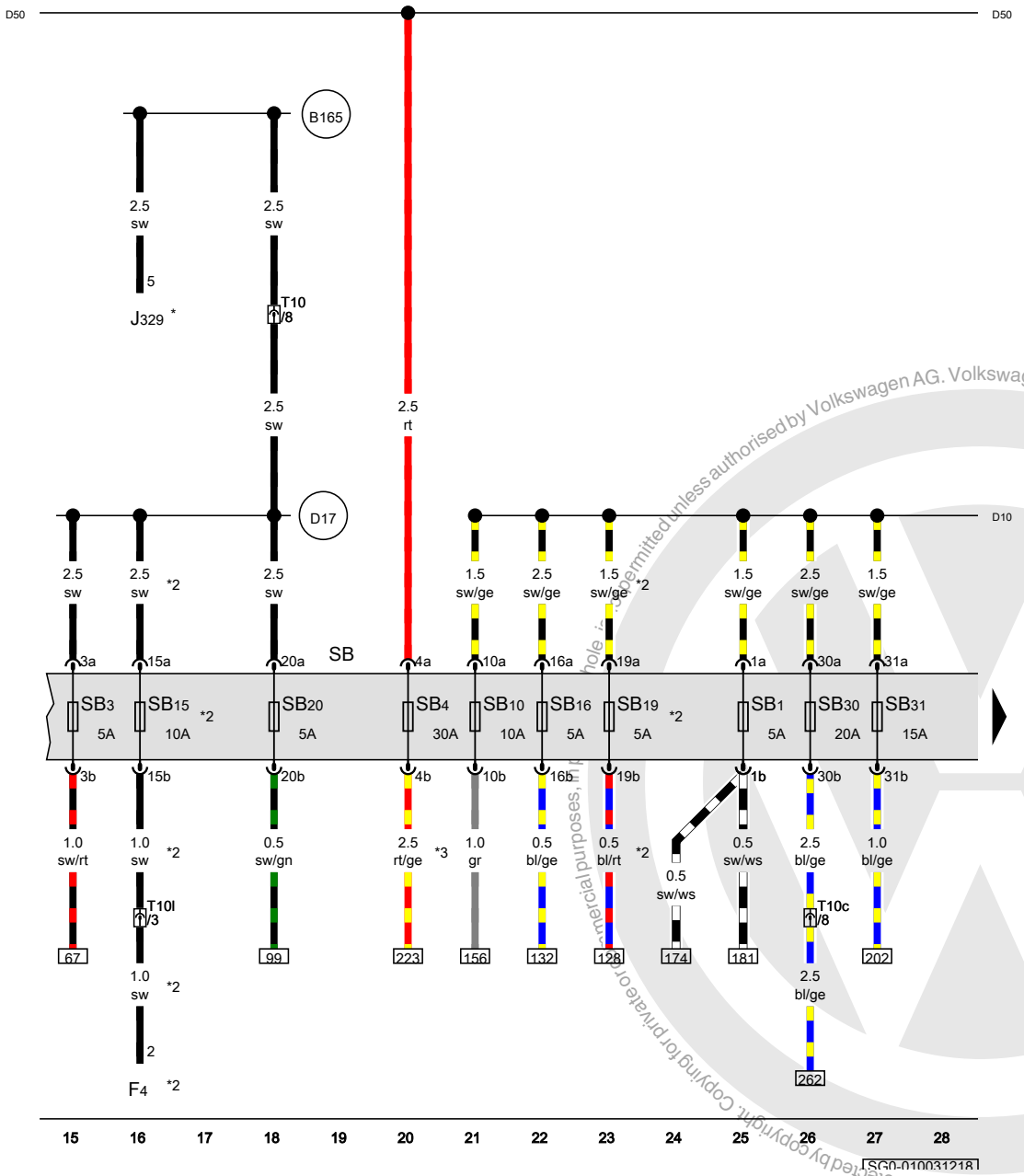

Fuse holder B

F4	Reversing light switch
J329	Terminal 15 voltage supply relay
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB19	Fuse 19 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB30	Fuse 30 on fuse holder B
SB31	Fuse 31 on fuse holder B
T10	10-pin connector, black, in E-box in engine compartment
T10c	10-pin connector, yellow, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
B165	Positive connection 2 (15), in interior wiring harness
D17	Positive connection 1 (15), in engine harness
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with manual gearbox
*3	Up to June 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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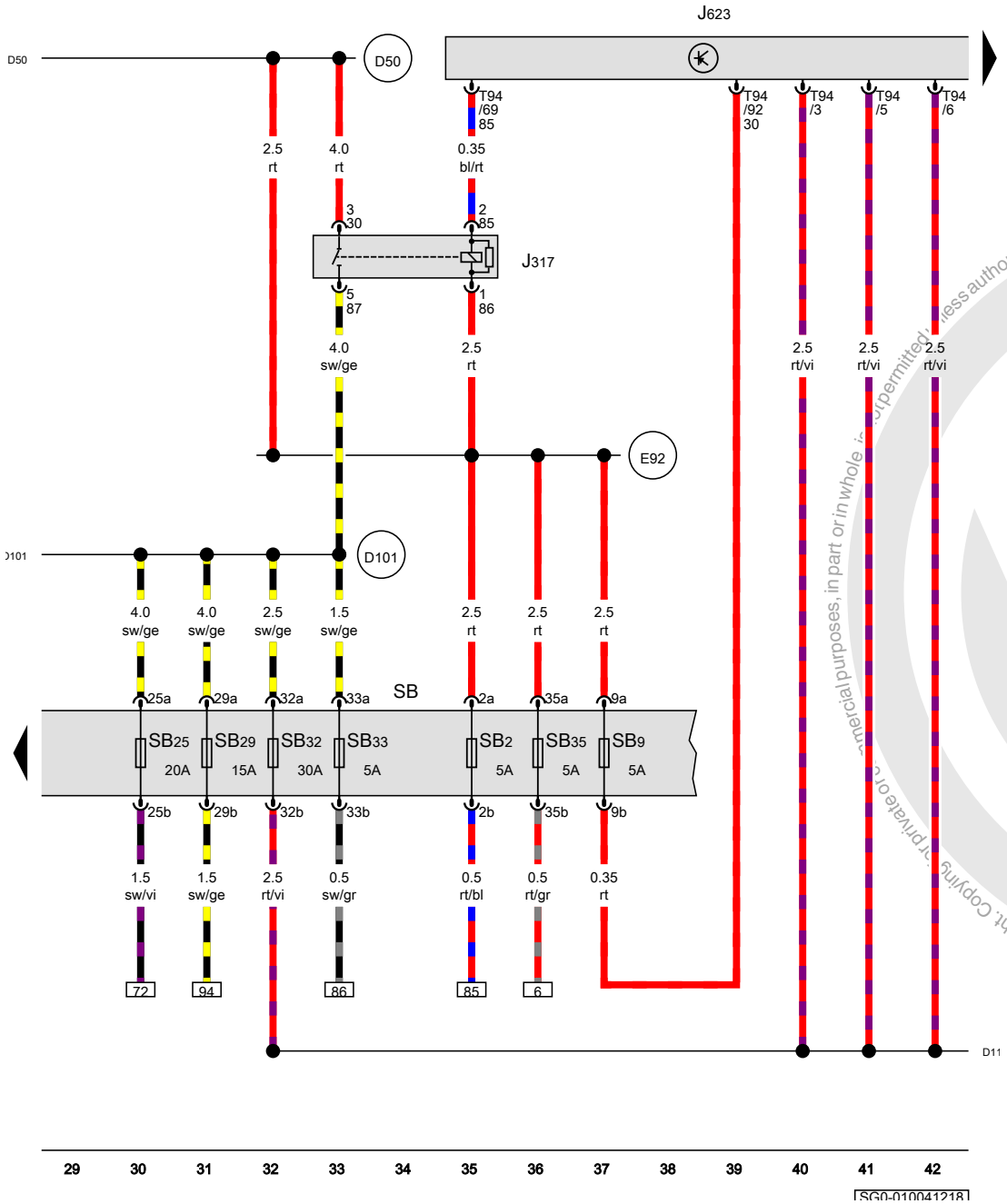
Terminal 30 voltage supply relay, Engine/motor control unit, Fuse holder B



J317	Terminal 30 voltage supply relay, in E-box
J623	Engine/motor control unit, in E-box
SB	Fuse holder B
SB2	Fuse 2 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB25	Fuse 25 on fuse holder B
SB29	Fuse 29 on fuse holder B
SB32	Fuse 32 on fuse holder B
SB33	Fuse 33 on fuse holder B
SB35	Fuse 35 on fuse holder B
T94	94-pin connector, black
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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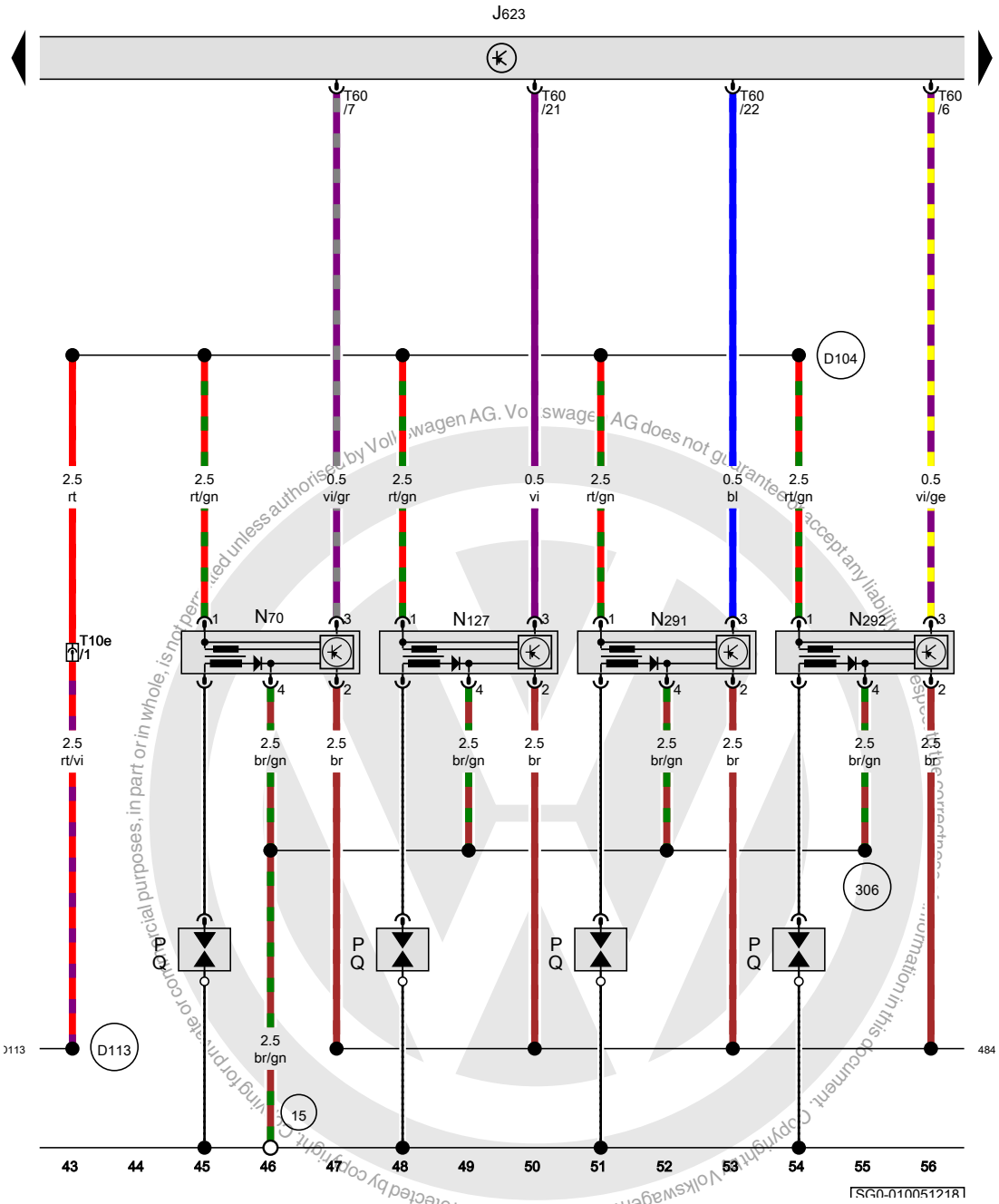

Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage, Spark plug connector, Spark plugs

J623	Engine/motor control unit, in E-box
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
P	Spark plug connector
Q	Spark plugs
T10e	10-pin connector, white, in E-box in engine compartment
T60	60-pin connector, black
15	Earth point, on cylinder head
306	Earth connection (ignition coils), in engine prewiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
D104	Positive connection 2 (30a), in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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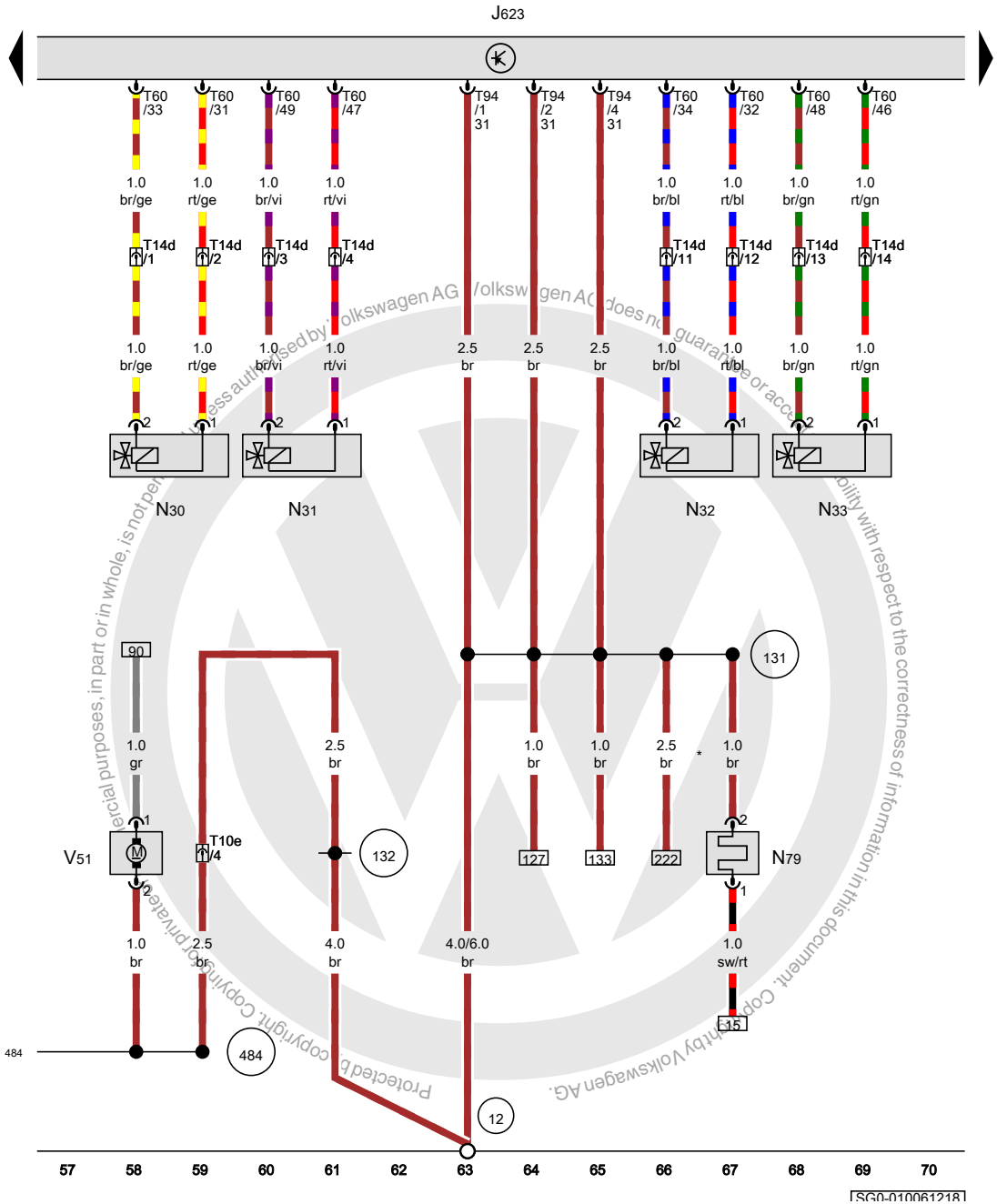

Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Heater element for crankcase breather, Continued coolant circulation pump

J623	Engine/motor control unit, in E-box
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N79	Heater element for crankcase breather
T10e	10-pin connector, white, in E-box in engine compartment
T14d	14-pin connector, black, on front of engine
T60	60-pin connector, black
T94	94-pin connector, black
V51	Continued coolant circulation pump
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
*	Up to June 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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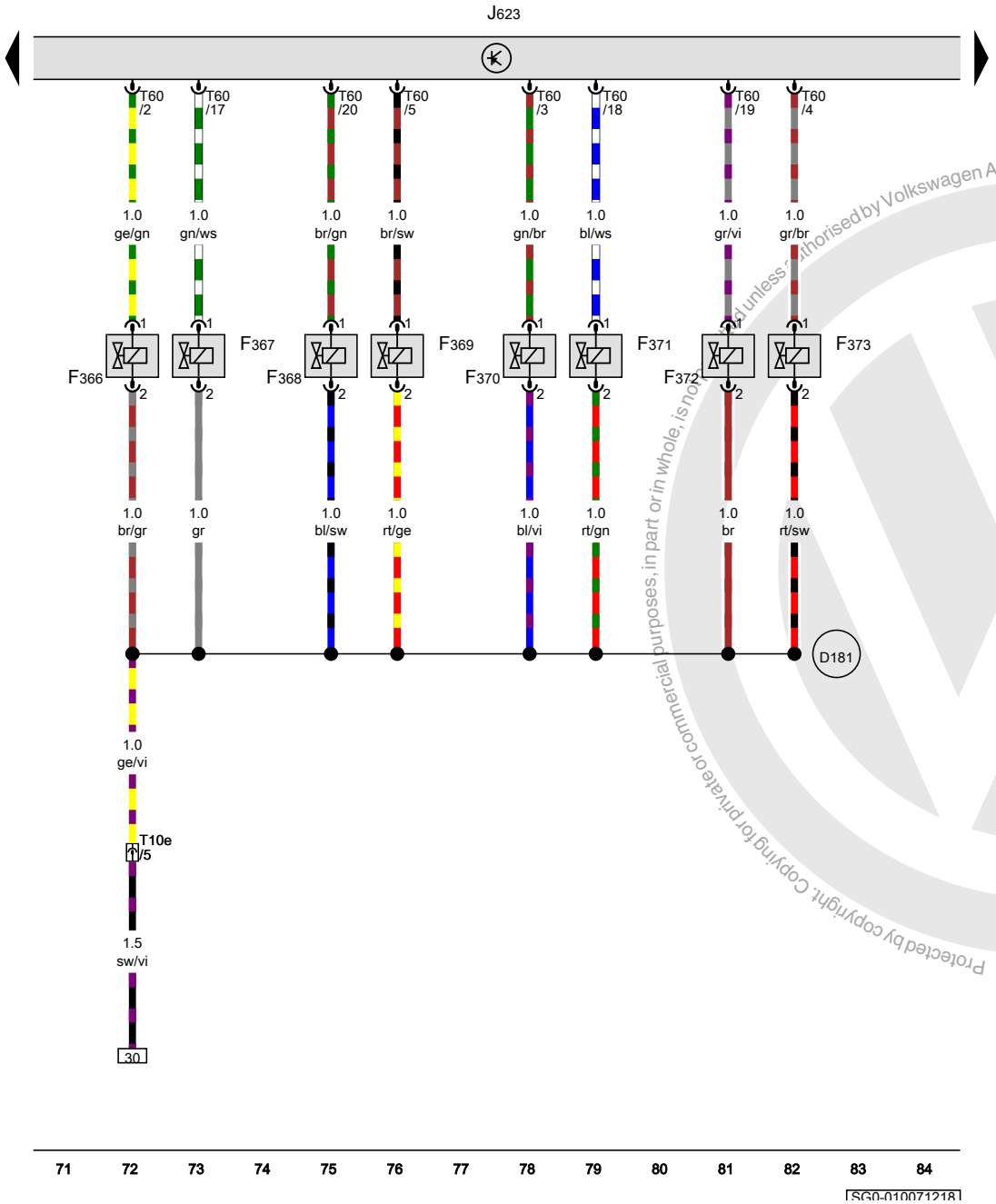

Cam adjustment actuator 1, Cam adjustment actuator 2, Cam adjustment actuator 3, Cam adjustment actuator 4, Cam adjustment actuator 5, Cam adjustment actuator 6, Cam adjustment actuator 7, Cam adjustment actuator 8, Engine/motor control unit

F366	Cam adjustment actuator 1
F367	Cam adjustment actuator 2
F368	Cam adjustment actuator 3
F369	Cam adjustment actuator 4
F370	Cam adjustment actuator 5
F371	Cam adjustment actuator 6
F372	Cam adjustment actuator 7
F373	Cam adjustment actuator 8
J623	Engine/motor control unit, in E-box
T10e	10-pin connector, white, in E-box in engine compartment
T60	60-pin connector, black
D181	Connection 2 (87a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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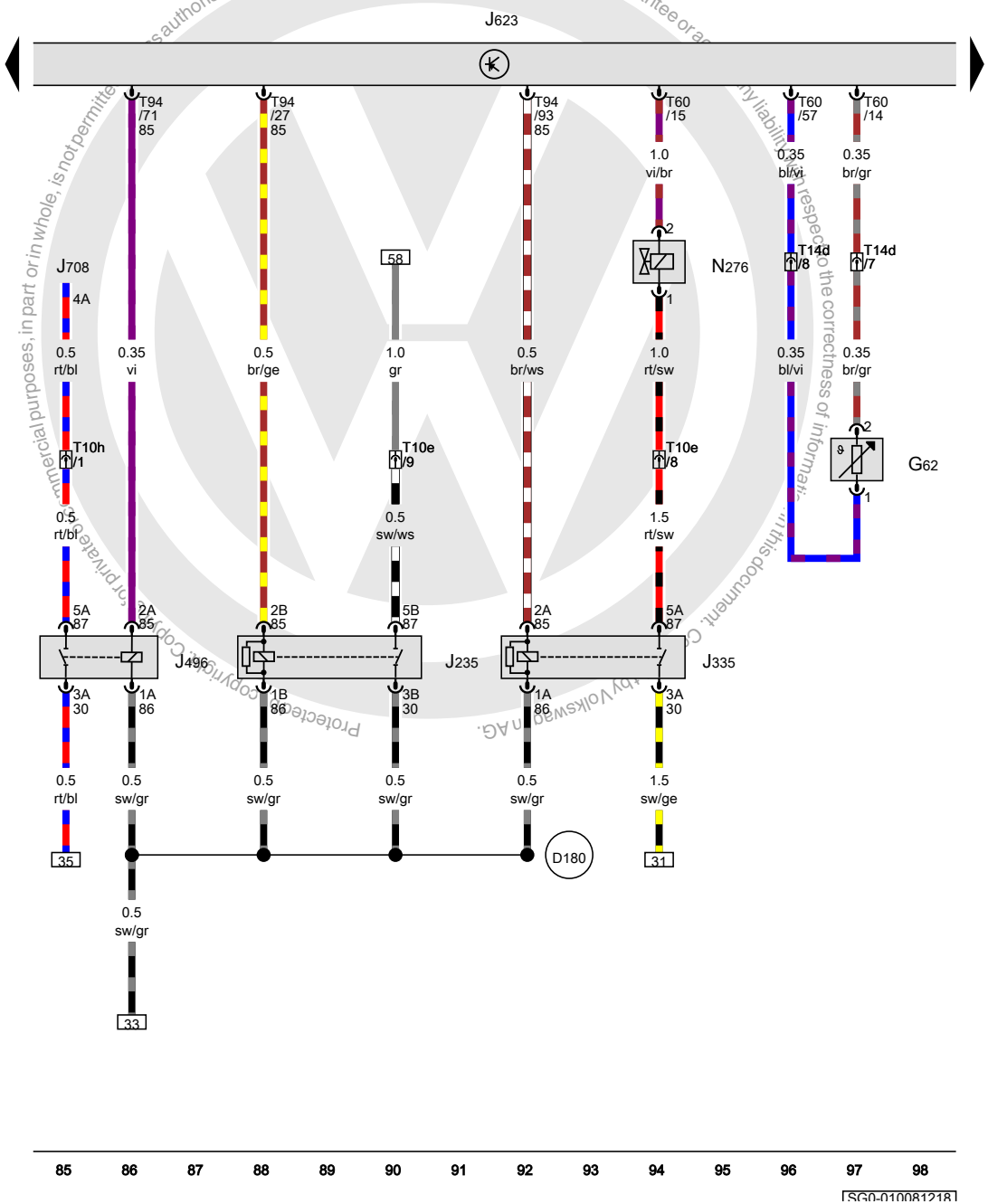

Coolant temperature sender, Coolant pump relay, Fuel shut-off valve switch-off relay, Additional coolant pump relay, Engine/motor control unit, Fuel pressure regulating valve

G62	Coolant temperature sender
J235	Coolant pump relay, in E-box
J335	Fuel shut-off valve switch-off relay, in E-box
J496	Additional coolant pump relay, in E-box
J623	Engine/motor control unit, in E-box
J708	Residual heat relay
N276	Fuel pressure regulating valve
T10e	10-pin connector, white, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T14d	14-pin connector, black, on front of engine
T60	60-pin connector, black
T94	94-pin connector, black
D180	Connection (87a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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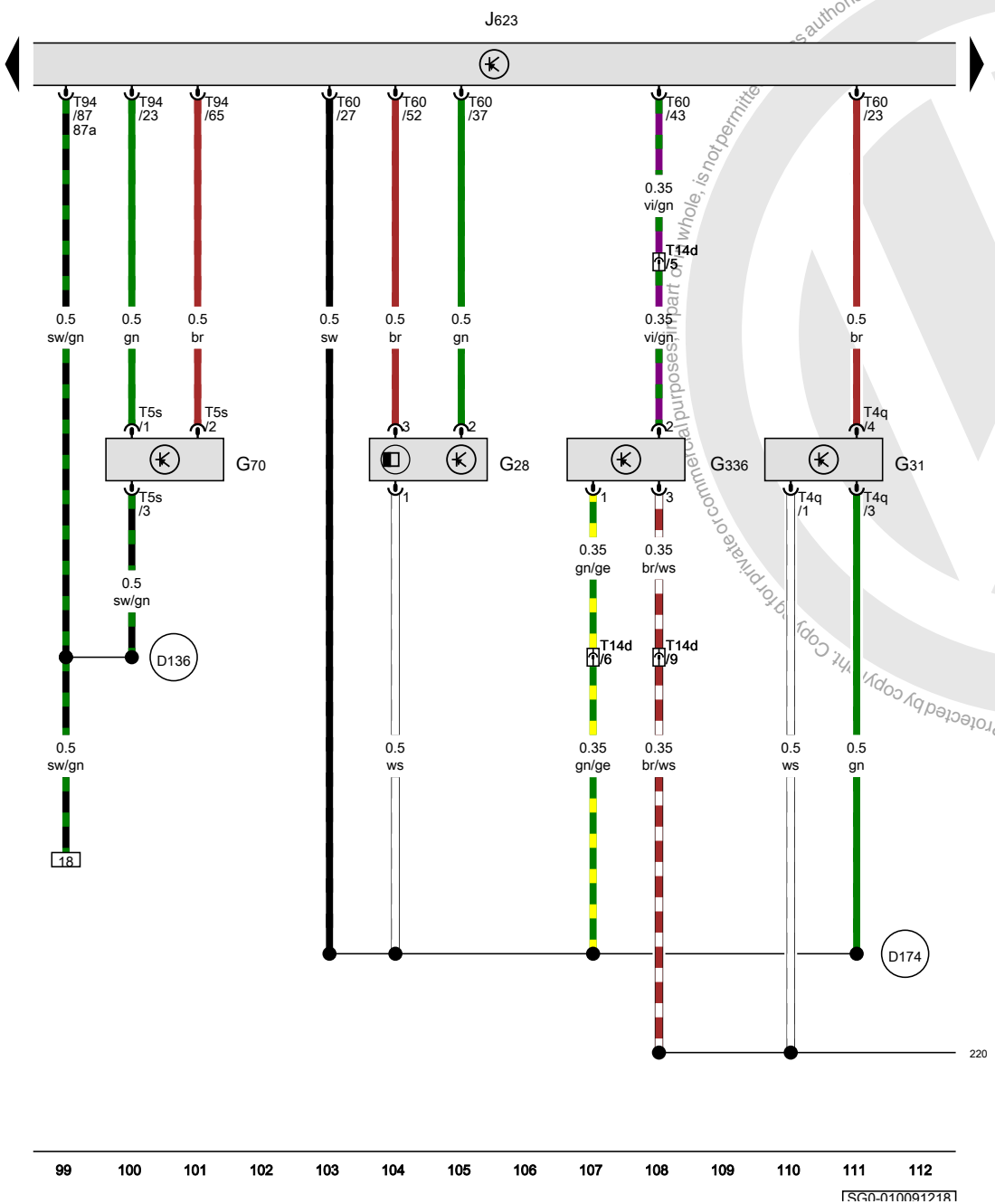

Engine speed sender, Charge pressure sender, Air mass meter, Intake manifold flap potentiometer, Engine/motor control unit

G28	Engine speed sender
G31	Charge pressure sender
G70	Air mass meter
G336	Intake manifold flap potentiometer
J623	Engine/motor control unit, in E-box
T4q	4-pin connector, brown
T5s	5-pin connector, black
T14d	14-pin connector, black, on front of engine
T60	60-pin connector, black
T94	94-pin connector, black
220	Earth connection (sender earth), in engine wiring harness
D136	Positive connection 2 (15a), in engine compartment wiring harness
D174	Connection 2 (5V) in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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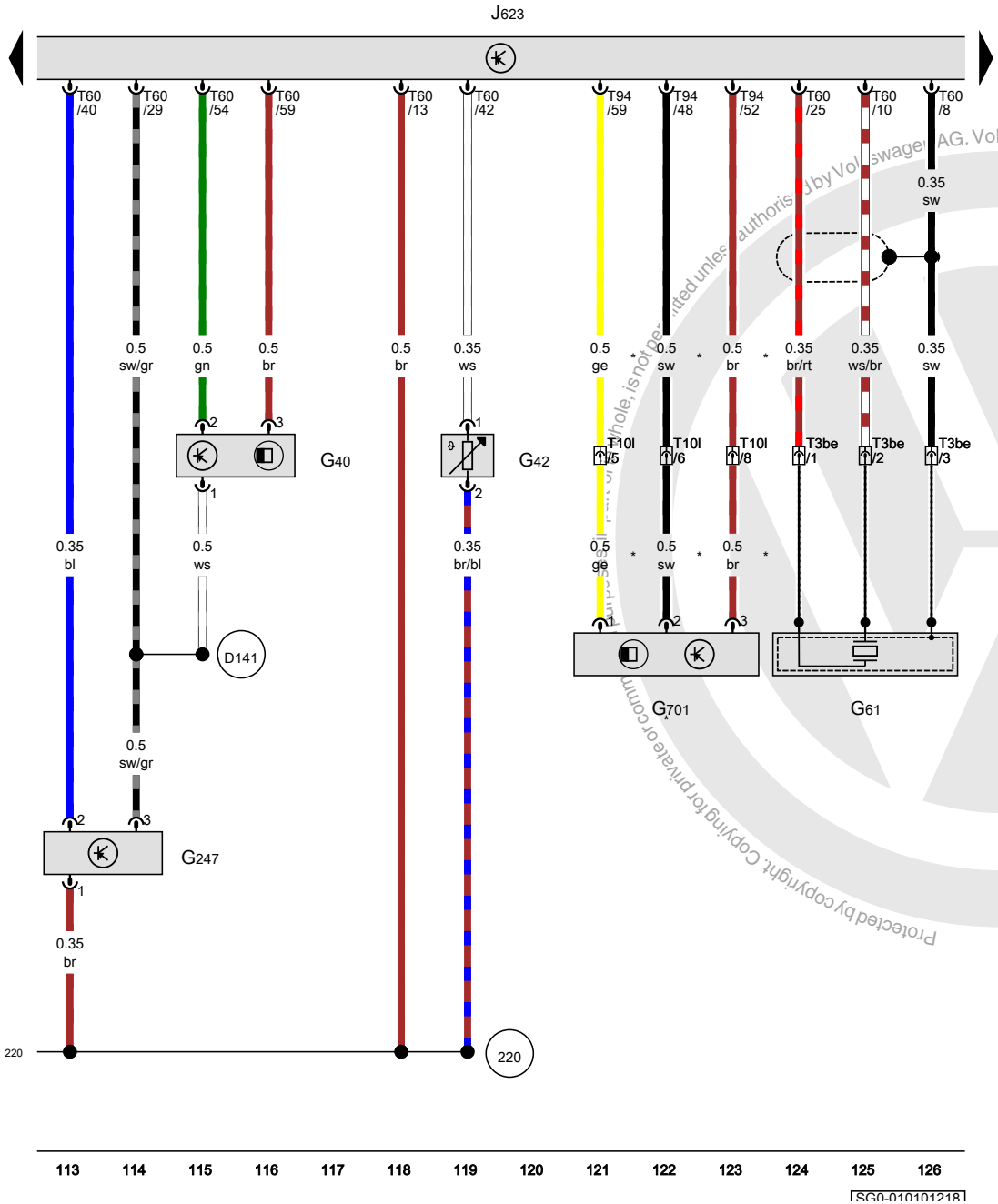
Hall sender, Intake air temperature sender, Knock sensor 1, Fuel pressure sender, Gearbox neutral position sender, Engine/motor control unit



G40	Hall sender
G42	Intake air temperature sender
G61	Knock sensor 1
G247	Fuel pressure sender
G701	Gearbox neutral position sender
J623	Engine/motor control unit, in E-box
T3be	3-pin connector, green, on front of engine
T10l	10-pin connector, light green, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
220	Earth connection (sender earth), in engine wiring harness
D141	Connection (5V) in engine prewiring harness
*	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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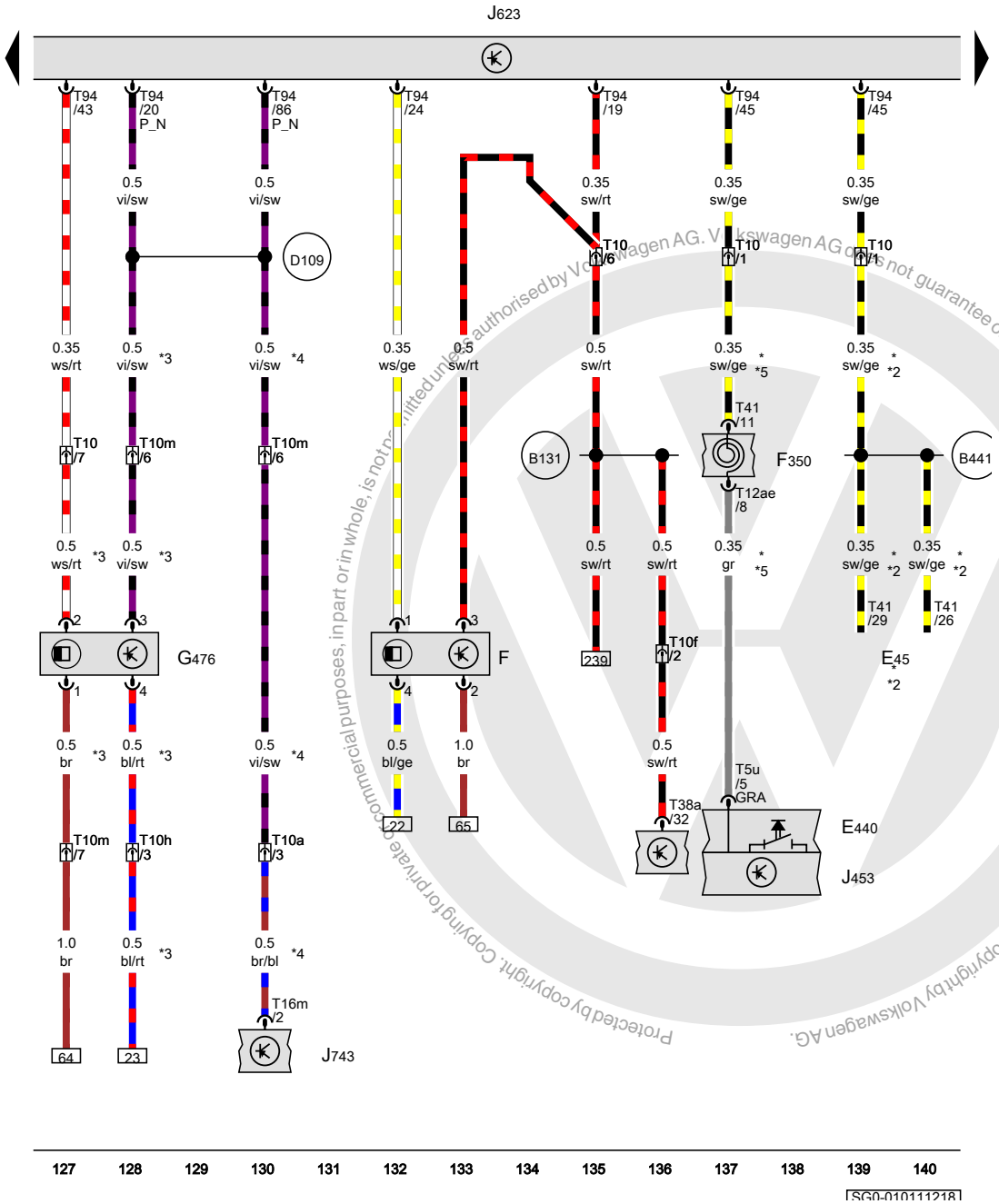

Cruise control system switch, Multifunction buttons on left in steering wheel, Brake light switch, Coil connector, Clutch position sender, Multifunction steering wheel control unit, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

E45	Cruise control system switch
E440	Multifunction buttons on left in steering wheel
F	Brake light switch, on brake master cylinder
F350	Coil connector, in steering wheel
G476	Clutch position sender
J104	ABS control unit
J453	Multifunction steering wheel control unit
J623	Engine/motor control unit, in E-box
J743	Mechatronic unit for dual clutch gearbox
T5u	5-pin connector, black
T10	10-pin connector, black, in E-box in engine compartment
T10a	10-pin connector, brown, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T12ae	12-pin connector, yellow
T16m	16-pin connector, black
T38a	38-pin connector, black
T41	41-pin connector, grey
T94	94-pin connector, black
B131	Connection (54), in interior wiring harness
B441	Connection (CCS), in main wiring harness
D109	Connection 7 in engine compartment wiring harness
*	For models with cruise control system
*2	For models with no multifunction steering wheel
*3	For models with manual gearbox
*4	For models with dual clutch gearbox
*5	For models with multifunction steering wheel

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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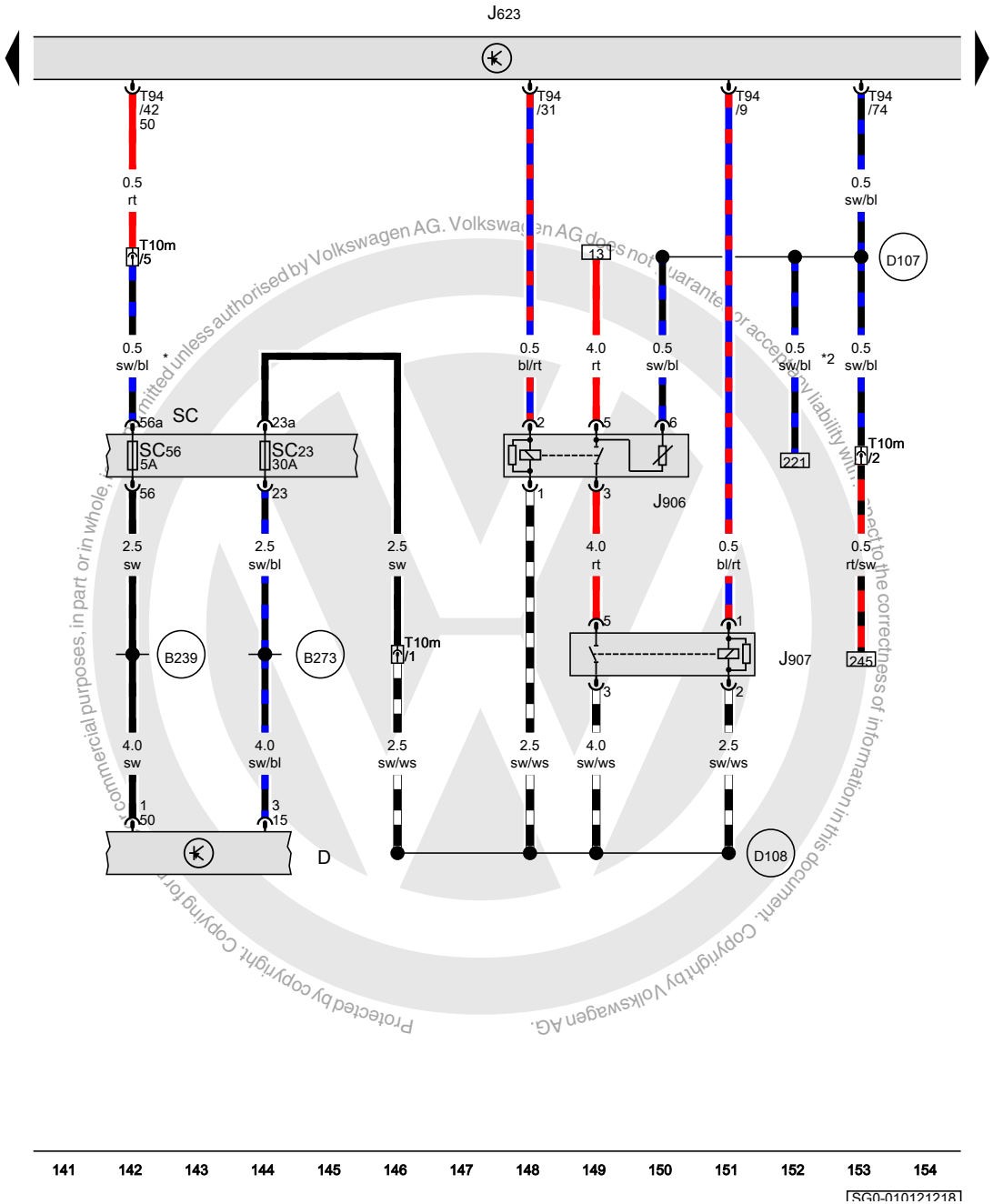

Engine/motor control unit, Starter relay 1, Starter relay 2, Fuse holder C, Fuse 23 on fuse holder C, Fuse 56 on fuse holder C

D	Ignition/starter switch
J623	Engine/motor control unit, in E-box
J906	Starter relay 1, in E-box
J907	Starter relay 2, in E-box
SC	Fuse holder C, in centre of dash panel
SC23	Fuse 23 on fuse holder C
SC56	Fuse 56 on fuse holder C
T10m	10-pin connector, light pink, in E-box in engine compartment
T94	94-pin connector, black
B239	Positive connection 1 (50), in interior wiring harness
B273	Positive connection (15), in main wiring harness
D107	Connection 5 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
*	For models with no electric interface
*2	Up to June 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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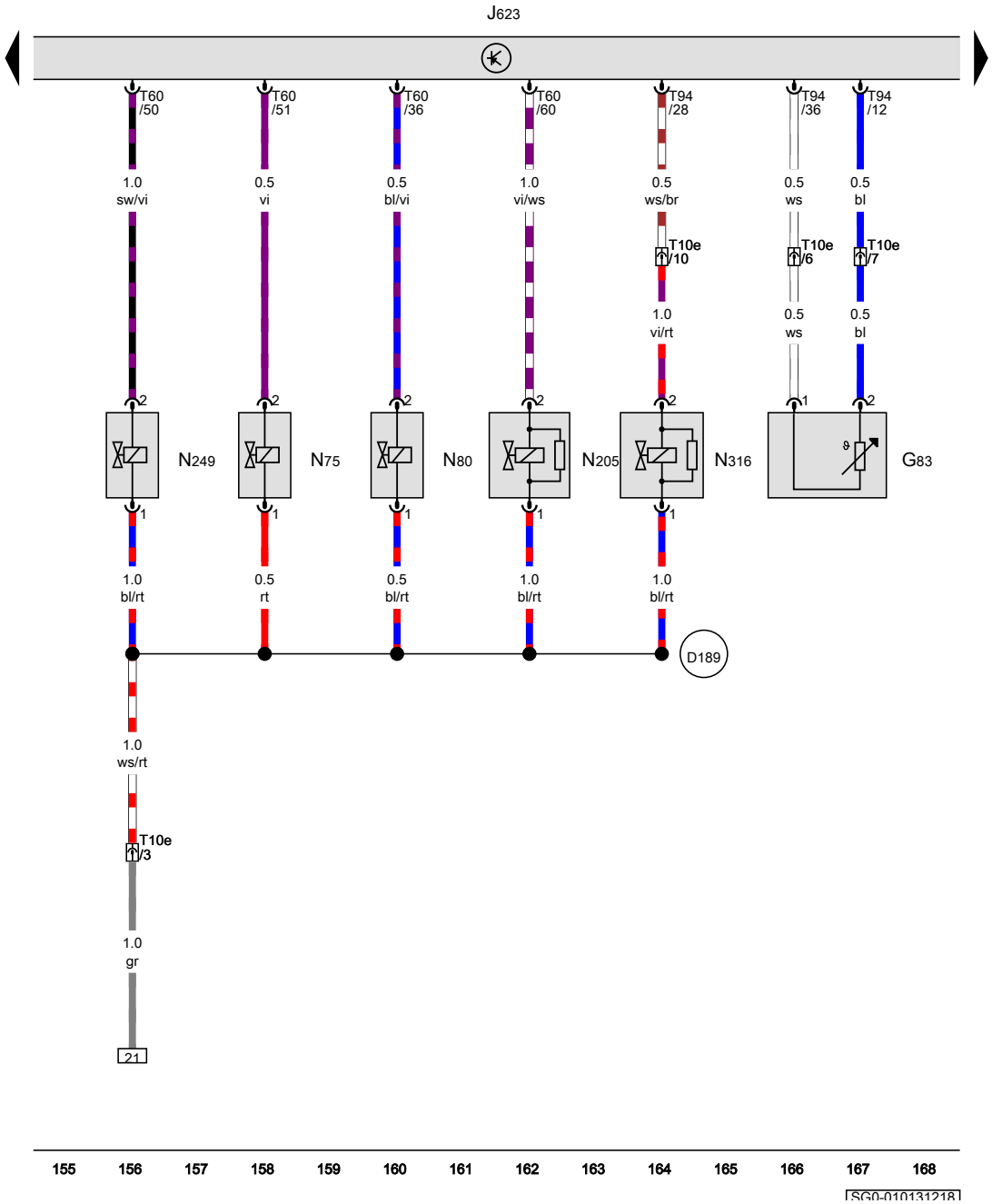

Radiator outlet coolant temperature sender, Engine/motor control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve, Intake manifold flap valve

G83	Radiator outlet coolant temperature sender
J623	Engine/motor control unit, in E-box
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
T10e	10-pin connector, white, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
D189	Connection (87a) in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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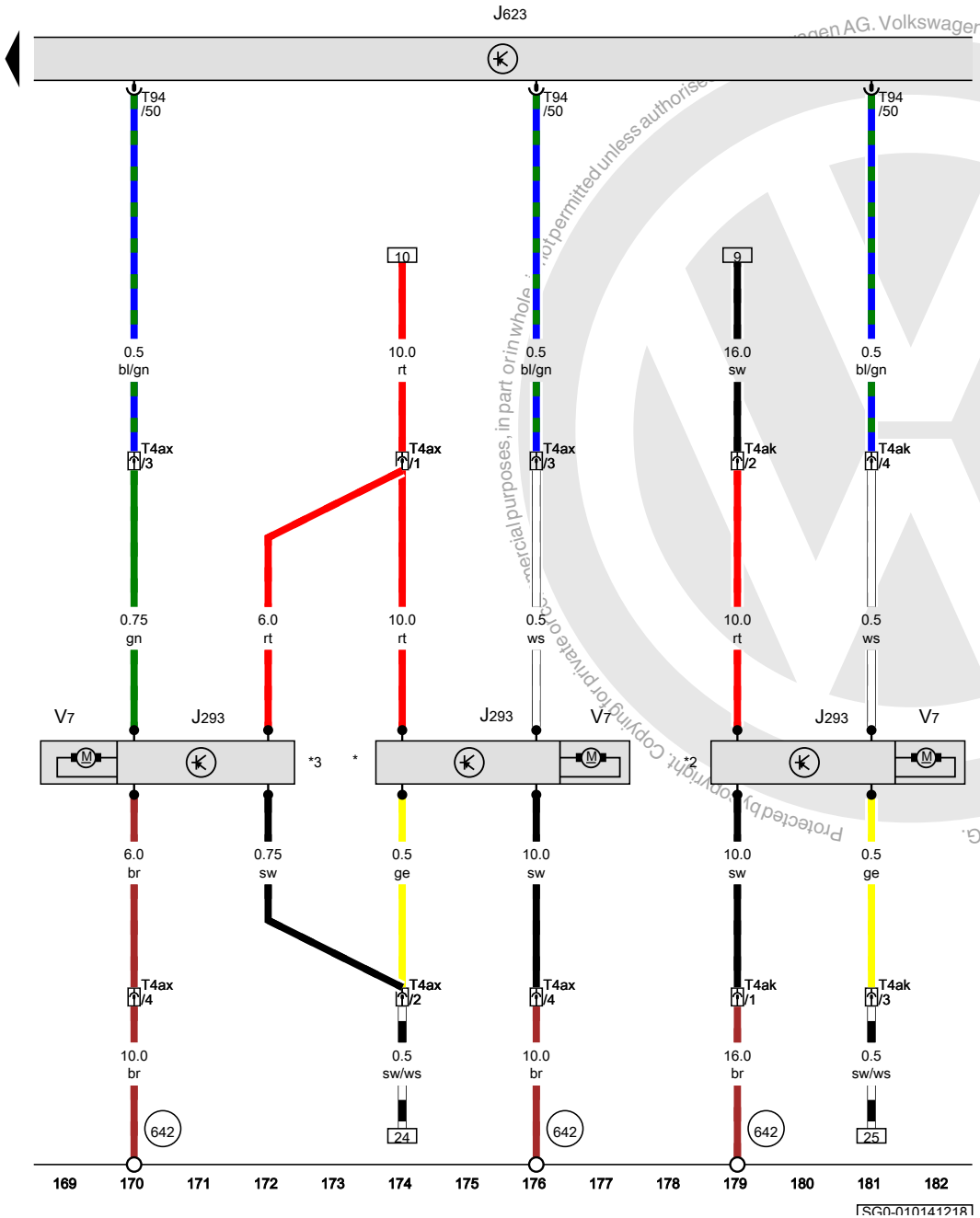
Radiator fan control unit, Engine/motor control unit



J293	Radiator fan control unit
J623	Engine/motor control unit, in E-box
T4ak	4-pin connector, black, near radiator fan
T4ax	4-pin connector, black, near radiator fan
T94	94-pin connector, black
V7	Radiator fan
642	Earth point for electronically controlled fan
*	For models with medium fan output
*2	For models with increased fan output
*3	For models with low fan output

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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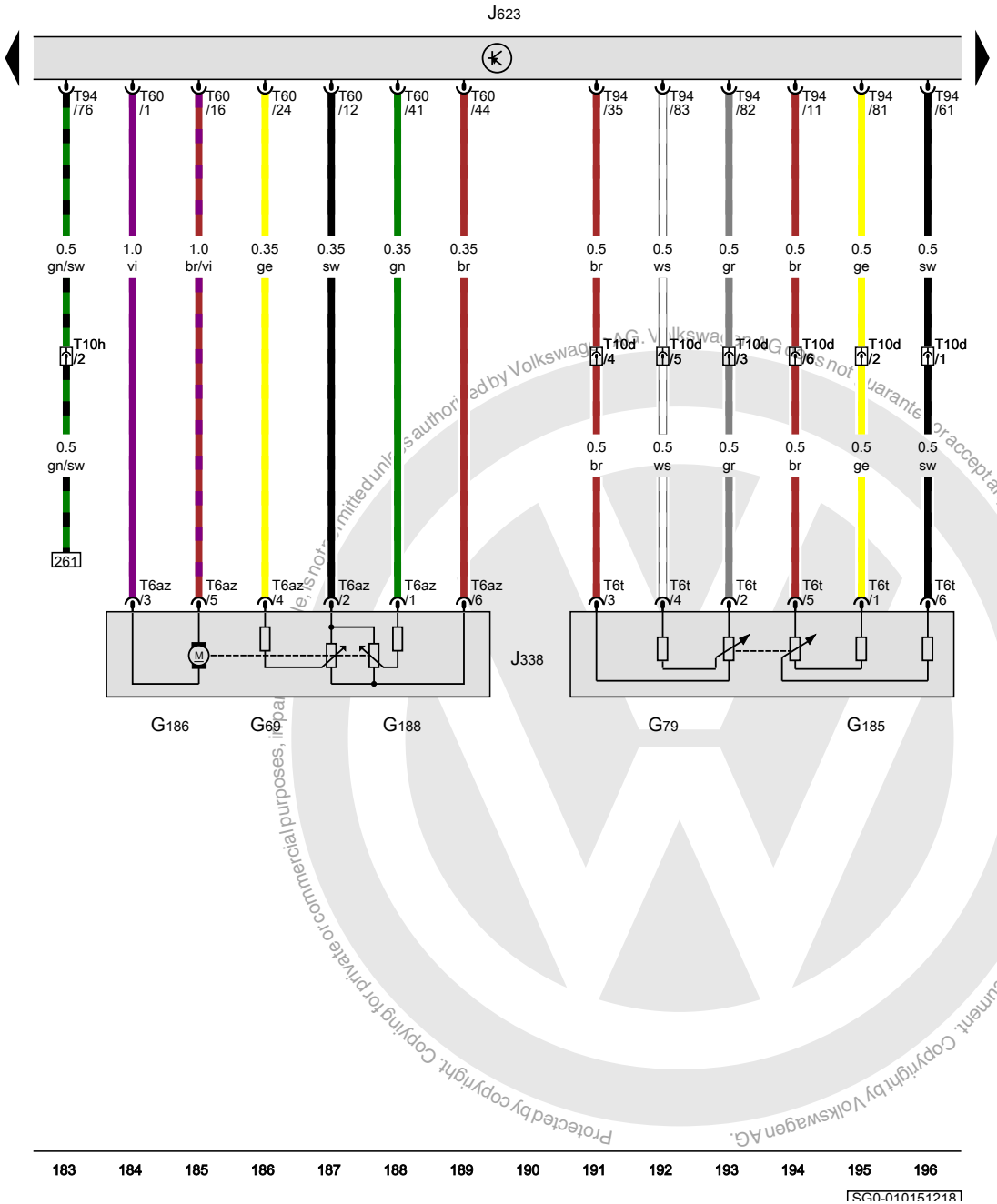

Accelerator position sender, Accelerator position sender 2, Throttle valve drive for electric throttle, Throttle valve module, Engine/motor control unit

G69	Throttle valve potentiometer
G79	Accelerator position sender
G185	Accelerator position sender 2
G186	Throttle valve drive for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J338	Throttle valve module
J623	Engine/motor control unit, in E-box
T6az	6-pin connector, black
T6t	6-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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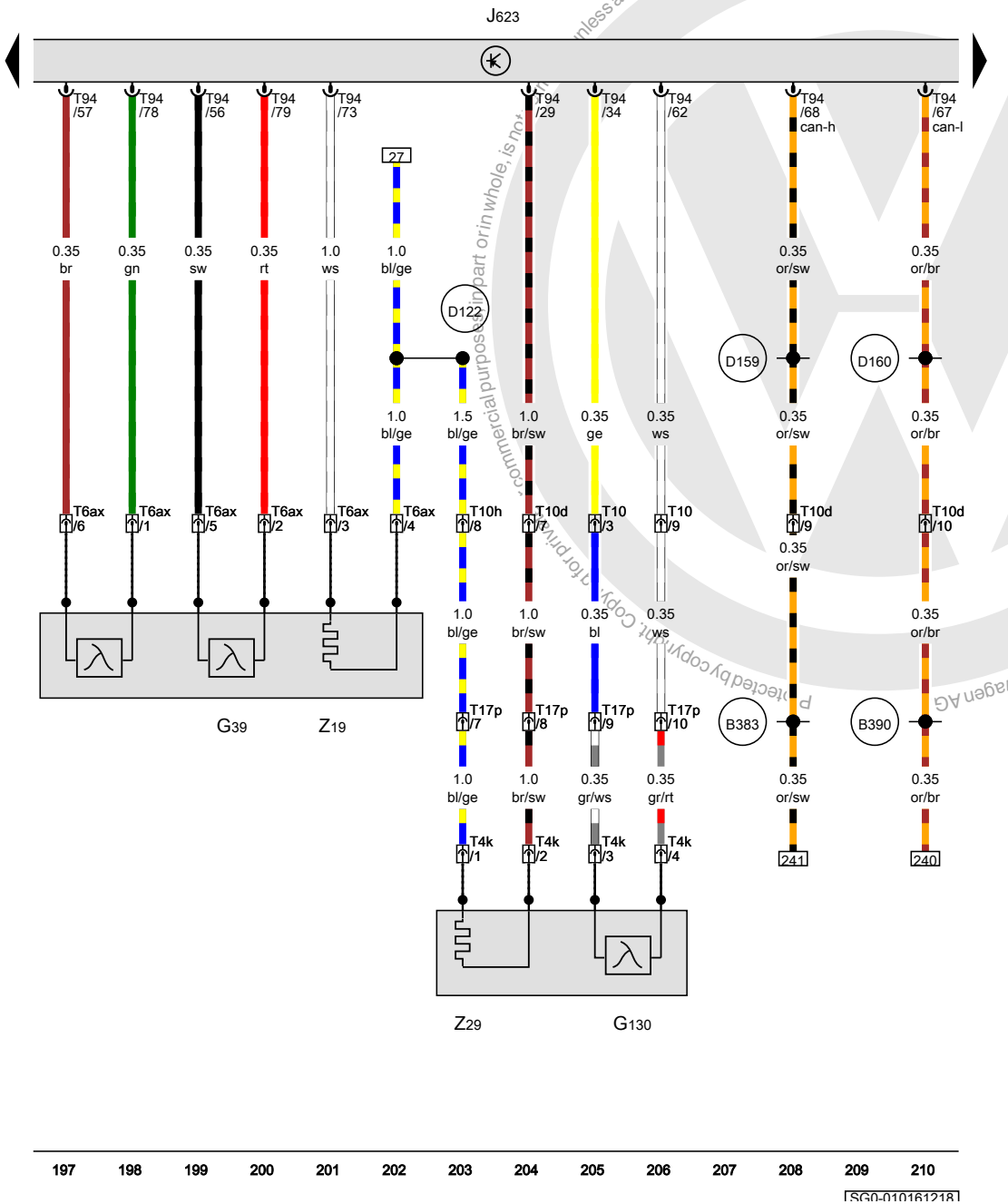

Lambda probe, Lambda probe after catalytic converter, Engine/motor control unit, Lambda probe heater, Lambda probe 1 heater after catalytic converter

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine/motor control unit, in E-box
T4k	4-pin connector, black, on underbody, next to auxiliary heater
T6ax	6-pin connector, black, on right in engine compartment
T10	10-pin connector, black, in E-box in engine compartment
T10d	10-pin connector, blue, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T17p	17-pin connector, red, under seat on front left
T94	94-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
D122	Connection 20 in engine compartment wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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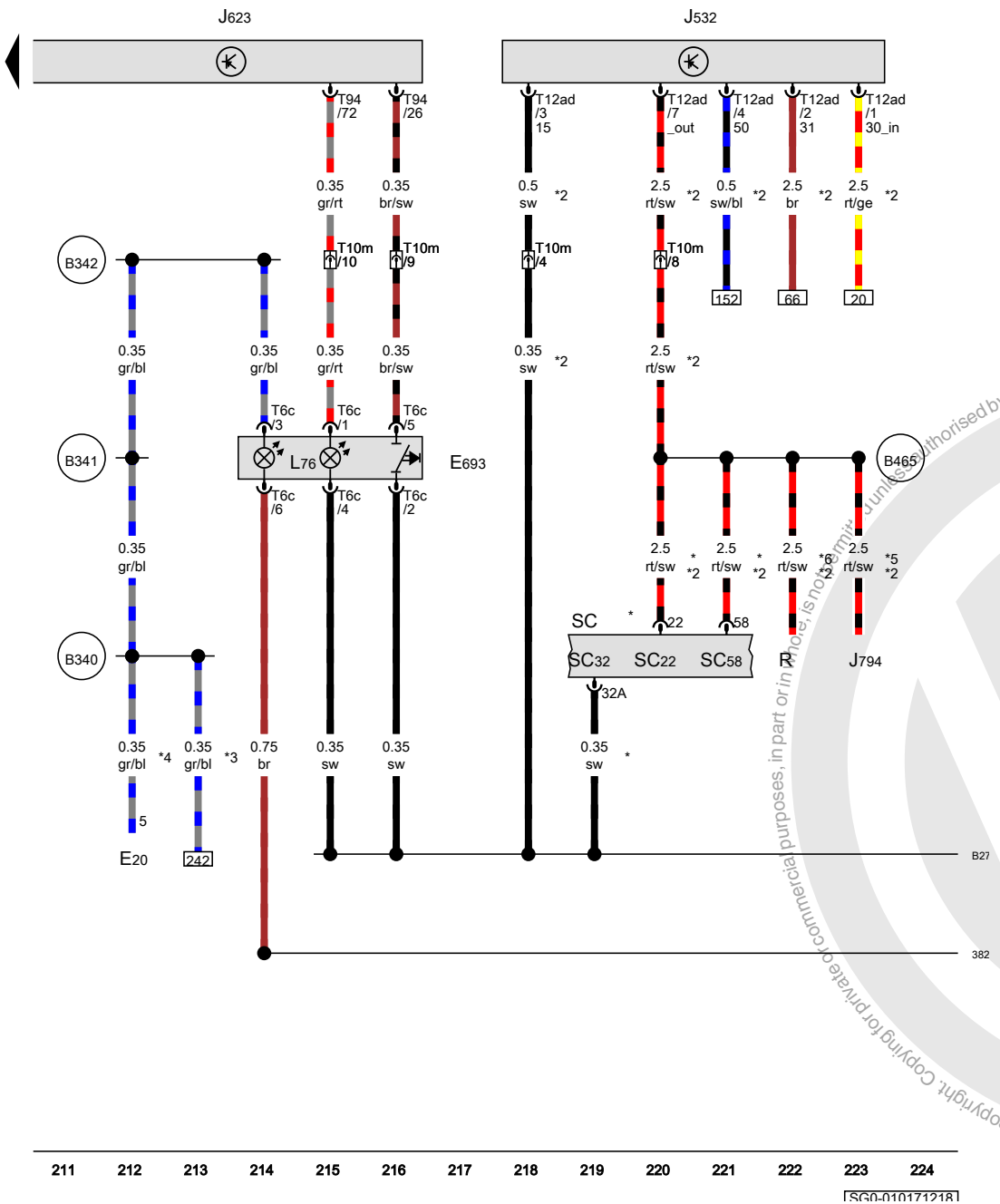

Start/Stop operation button, Voltage stabiliser, Engine/ motor control unit, Fuse holder C

E20	Switch and instrument illumination regulator
E693	Start/Stop operation button
J532	Voltage stabiliser, in E-box in engine compartment
J623	Engine/motor control unit, in E-box
J794	Control unit 1 for information electronics
L76	Button illumination bulb
R	Radio
SC	Fuse holder C, in centre of dash panel
SC22	Fuse 22 on fuse holder C
SC32	Fuse 32 on fuse holder C
SC58	Fuse 58 on fuse holder C
T6c	6-pin connector, white
T10m	10-pin connector, light pink, in E-box in engine compartment
T12ad	12-pin connector, black
T94	94-pin connector, black
382	Earth connection 17, in main wiring harness
B277	Positive connection 1 (15a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B342	Connection 3 (58d), in main wiring harness
B465	Connection 1, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Up to June 2016
*3	For models with no dimmable instrument illumination
*4	For models with dimmable instrument illumination
*5	see applicable current flow diagram for radio/ radio navigation system
*6	For models with preparation for radio

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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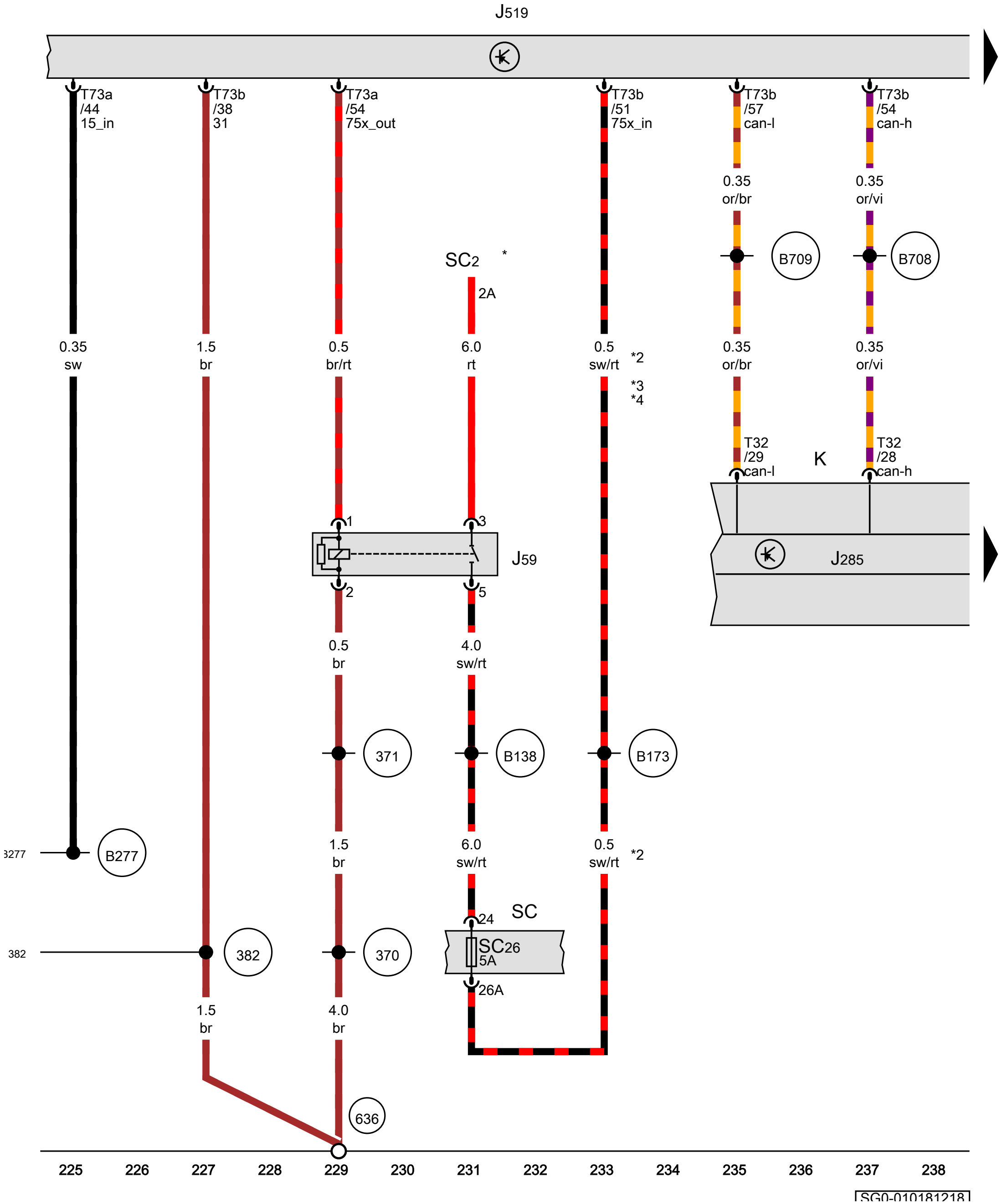
X-contact relief relay, Onboard supply control unit, Dash panel insert, Fuse holder C, Fuse 26 on fuse holder C



J59	X-contact relief relay
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
SC	Fuse holder C, in centre of dash panel
SC2	Fuse 2 on fuse holder C
SC26	Fuse 26 on fuse holder C
T32	32-pin connector, blue
T73a	73-pin connector, black
T73b	73-pin connector, white
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
382	Earth connection 17, in main wiring harness
636	Earth point, onboard supply control unit
B138	Positive connection (X), in interior wiring harness
B173	Positive connection 2 (X), in interior wiring harness
B277	Positive connection 1 (15a) in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Up to June 2016
*3	From June 2016
*4	For models with special police equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
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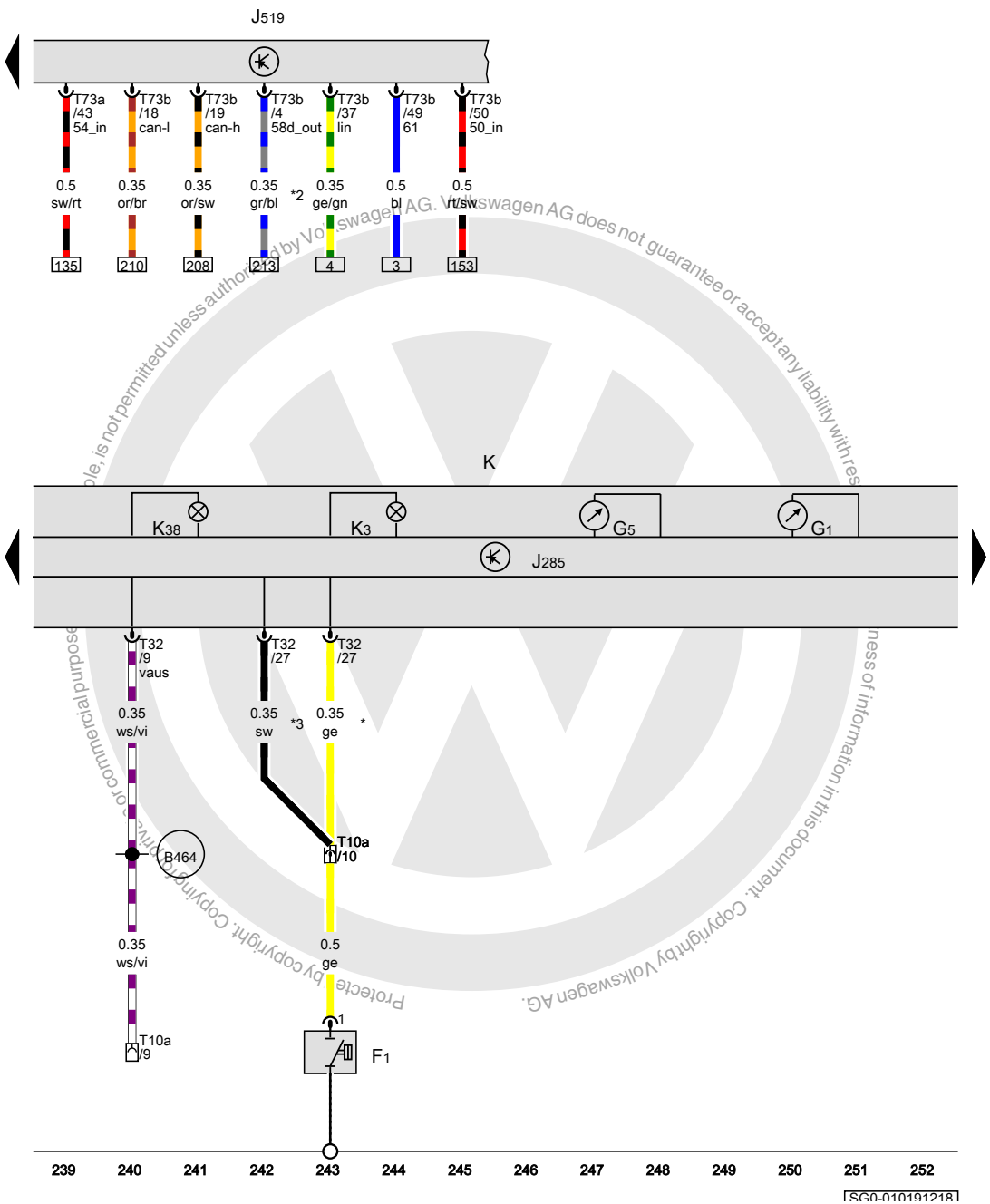

Oil pressure switch, Fuel gauge, Rev. counter, Onboard supply control unit, Dash panel insert, Oil pressure warning lamp, Oil level warning lamp

F1	Oil pressure switch
G1	Fuel gauge
G5	Rev. counter
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K3	Oil pressure warning lamp
K38	Oil level warning lamp
T10a	10-pin connector, brown, in E-box in engine compartment
T32	32-pin connector, blue
T73a	73-pin connector, black
T73b	73-pin connector, white
B464	Connection (speed signal), in main wiring harness
*	Up to June 2016
*2	For models with no dimmable instrument illumination
*3	From June 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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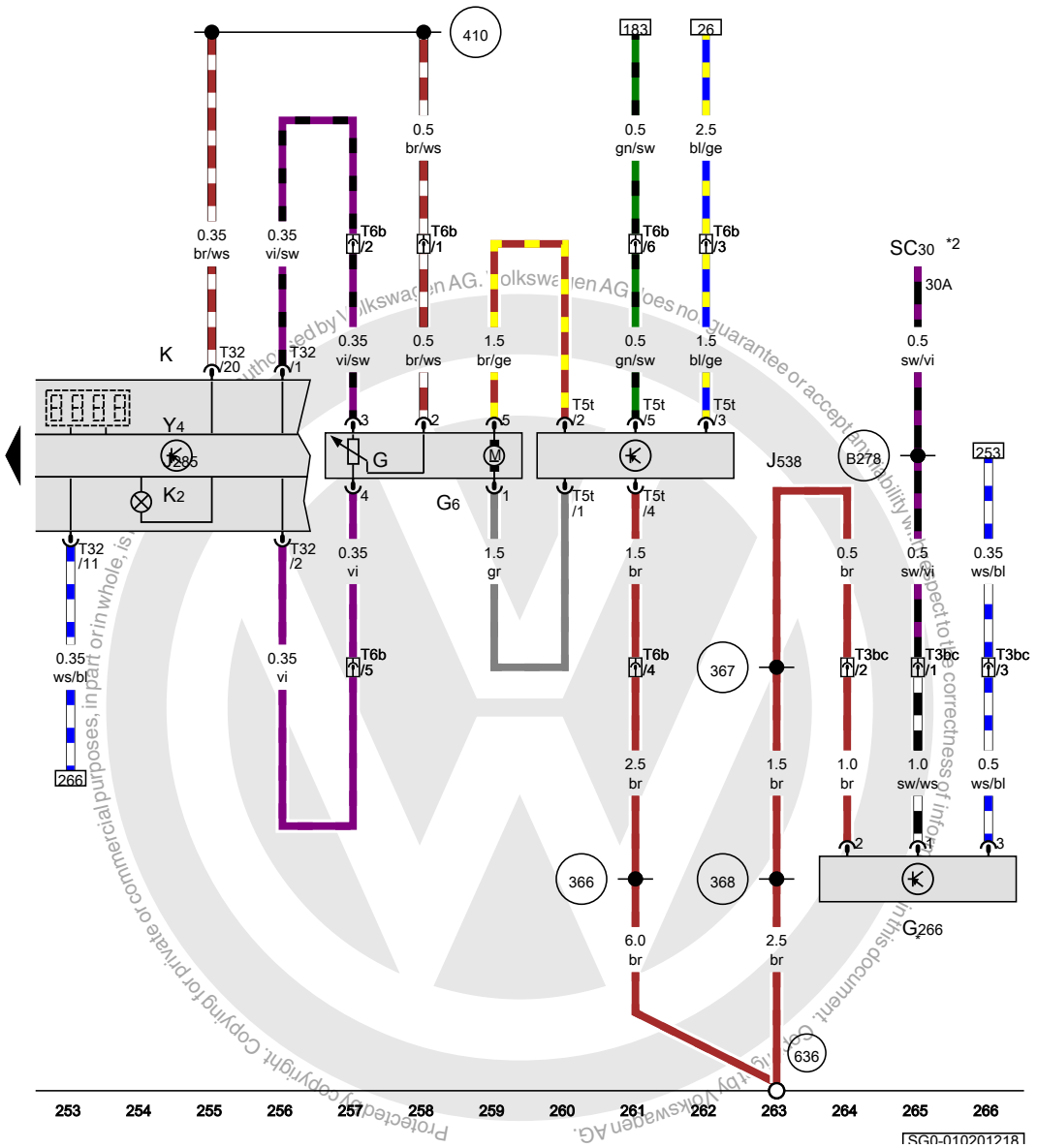
Fuel gauge sender, Fuel system pressurisation pump, Oil level and oil temperature sender, Fuel pump control unit, Dash panel insert, Alternator warning lamp, Trip counter



G	Fuel gauge sender
G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K	Dash panel insert
K2	Alternator warning lamp
SC30	Fuse 30 on fuse holder C
T3bc	3-pin connector, black, on underbody, near cross panel
T5t	5-pin connector, black
T6b	6-pin connector, black, on fuel tank
T32	32-pin connector, blue
Y4	Trip counter
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
410	Earth connection 1 (sender earth) in main wiring harness
636	Earth point, onboard supply control unit
B278	Positive connection 2 (15a) in main wiring harness
*	For models with extended service intervals (ESI)
*2	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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2.0l diesel engine with start/stop system , CXFA,CXGA,CXGB,CXHA,CXHB,(7L6)

From June 2015

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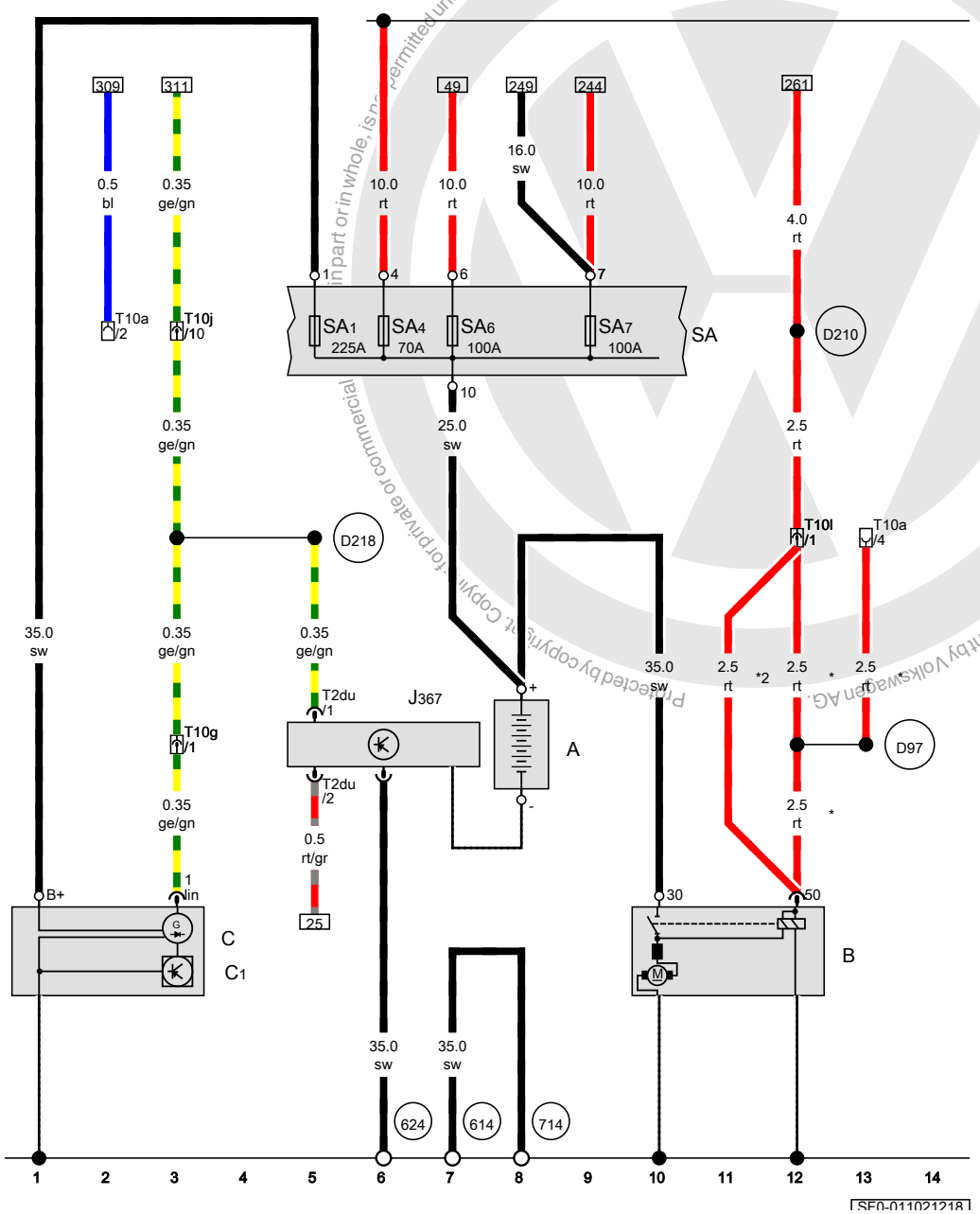

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Battery, Starter, Alternator, Voltage regulator, Fuse holder A

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J367	Battery monitor control unit
SA	Fuse holder A, in E-box in engine compartment
SA1	Fuse 1 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
T2du	2-pin connector, black
T10a	10-pin connector, brown, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T10j	10-pin connector, dark brown, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
614	Earth point 2, on right in engine compartment
624	Earth point, starter battery
714	Earth point on right of engine
D50	Positive connection (30), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D210	Connection (50), in engine compartment wiring harness
D218	Connection 1 (LIN bus) in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox (DSG)

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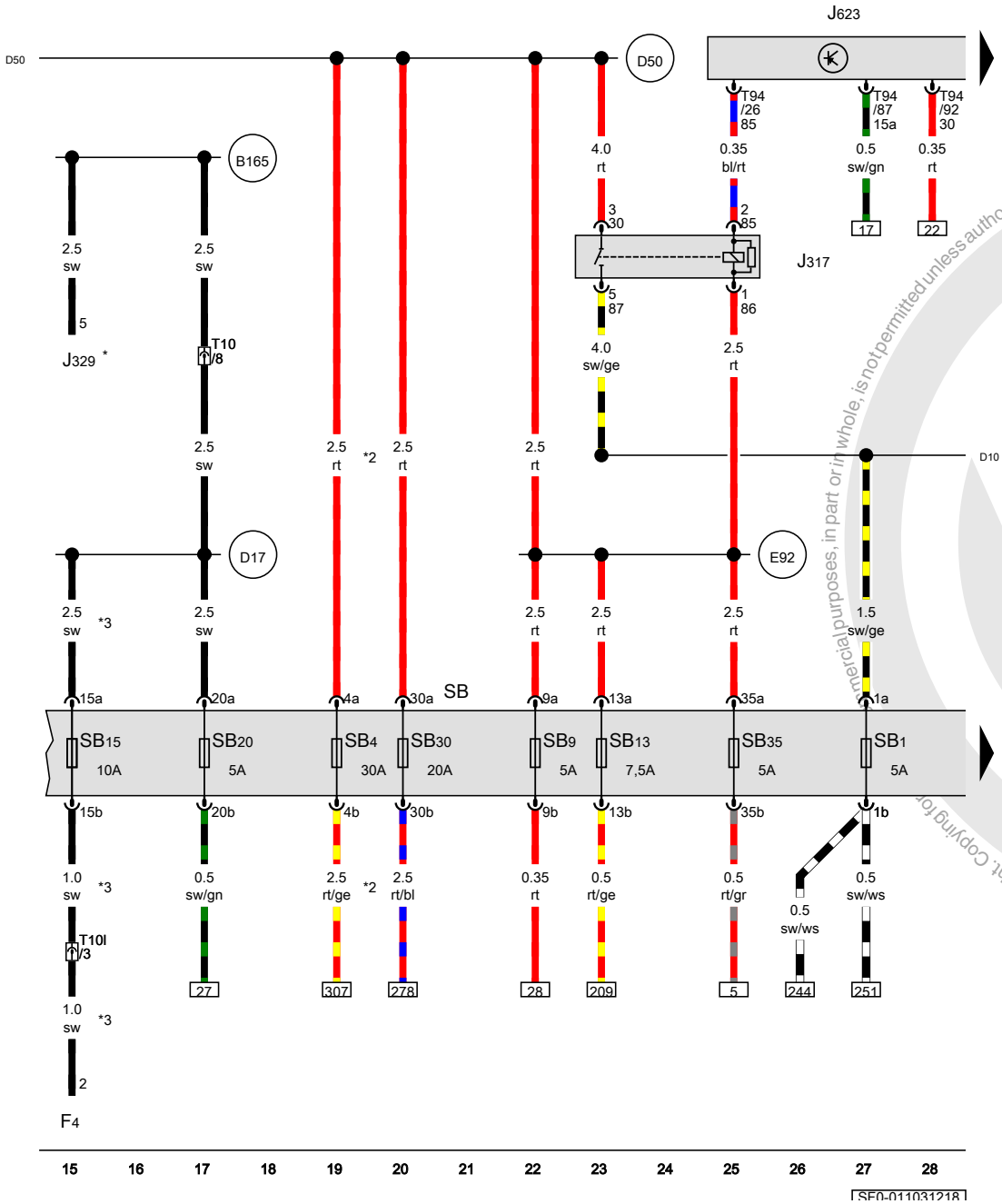

Terminal 30 voltage supply relay, Engine/motor control unit, Fuse holder B

F4	Reversing light switch
J317	Terminal 30 voltage supply relay, in E-box
J329	Terminal 15 voltage supply relay
J623	Engine/motor control unit, in E-box in engine compartment
SB	Fuse holder B, in E-box in engine compartment
SB1	Fuse 1 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB30	Fuse 30 on fuse holder B
SB35	Fuse 35 on fuse holder B
T10	10-pin connector, black, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T94	94-pin connector, black
B165	Positive connection 2 (15), in interior wiring harness
D17	Positive connection 1 (15), in engine harness
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Up to June 2016
*3	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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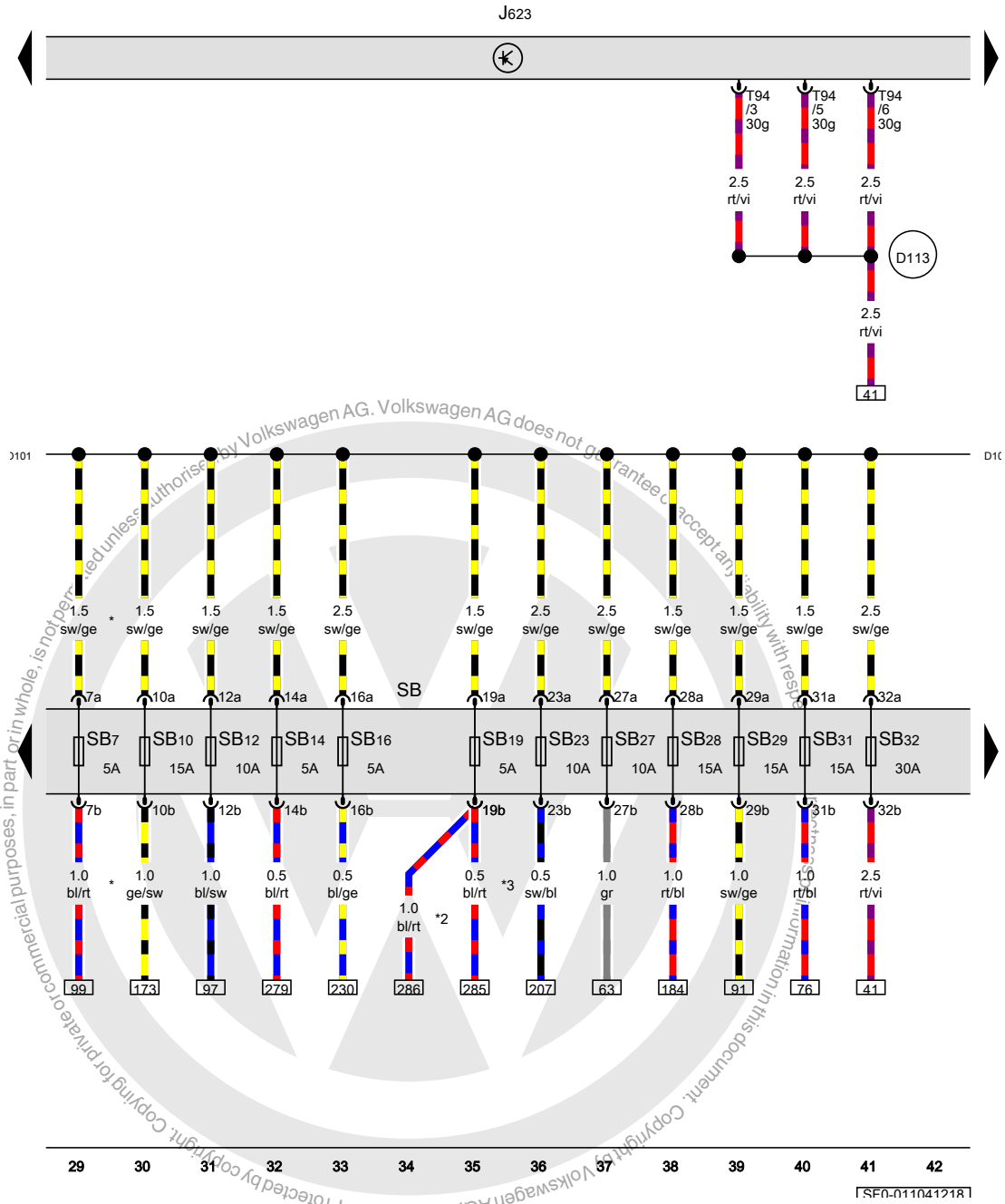

Engine/motor control unit, Fuse holder B

J623	Engine/motor control unit, in E-box in engine compartment
SB	Fuse holder B, in E-box in engine compartment
SB7	Fuse 7 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB19	Fuse 19 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB29	Fuse 29 on fuse holder B
SB31	Fuse 31 on fuse holder B
SB32	Fuse 32 on fuse holder B
T94	94-pin connector, black
D101	Connection 1 in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness
*	For models with crankcase breather heater element
*2	For models with manual gearbox
*3	For models with dual clutch gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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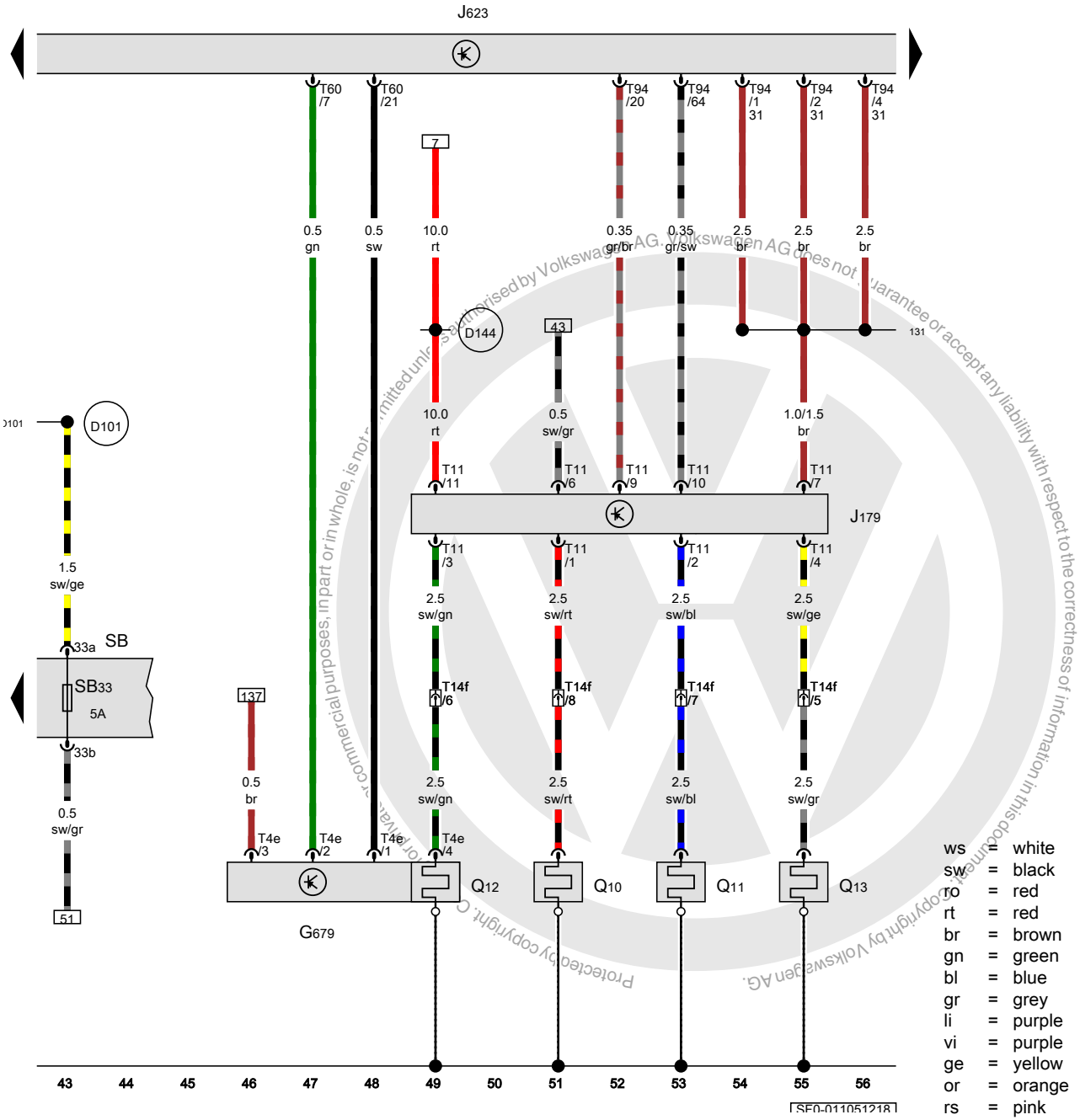

Automatic glow period control unit, Engine/motor control unit, Fuse holder B

G679	Cylinder 3 combustion chamber pressure sender
J179	Automatic glow period control unit, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
SB	Fuse holder B, in E-box in engine compartment
SB33	Fuse 33 on fuse holder B
T4e	4-pin connector, black
T11	11-pin connector, black
T14f	14-pin connector, grey, in E-box in engine compartment, next to relay plate
T60	60-pin connector, black
T94	94-pin connector, black
131	Earth connection 2, in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D144	Positive connection 5 (30), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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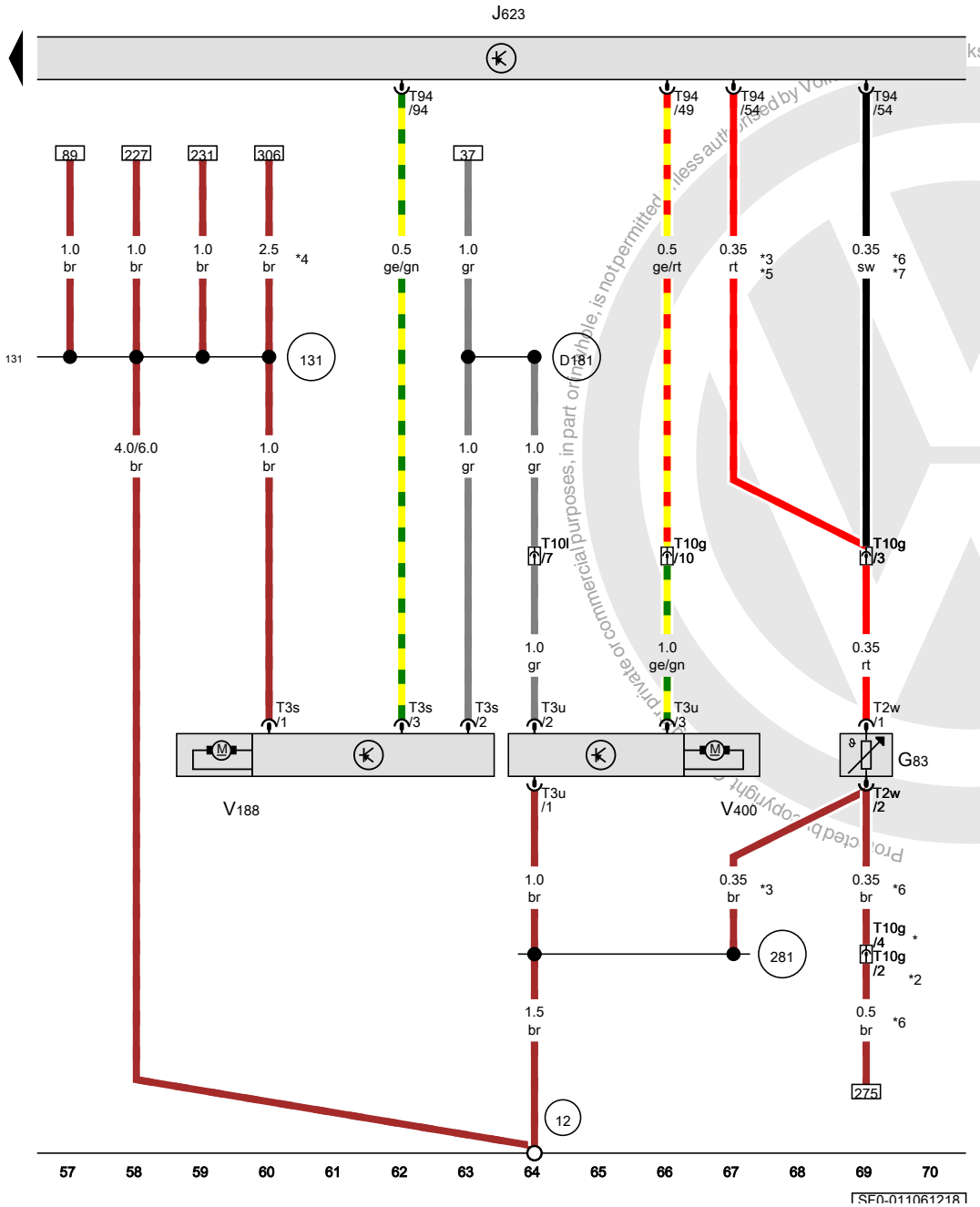

Radiator outlet coolant temperature sender, Engine/motor control unit, Charge air cooling pump, Pump for exhaust gas recirculation cooler

G83	Radiator outlet coolant temperature sender
J623	Engine/motor control unit, in E-box in engine compartment
T2w	2-pin connector, black
T3s	3-pin connector, black
T3u	3-pin connector, black
T10g	10-pin connector, grey, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T94	94-pin connector, black
V188	Charge air cooling pump
V400	Pump for exhaust gas recirculation cooler
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
D181	Connection 2 (87a), in engine compartment wiring harness
*	Gradually discontinued
*2	gradual introduction
*3	Up to November 2016
*4	Up to June 2016
*5	From January 2017
*6	From November 2016
*7	Up to January 2017

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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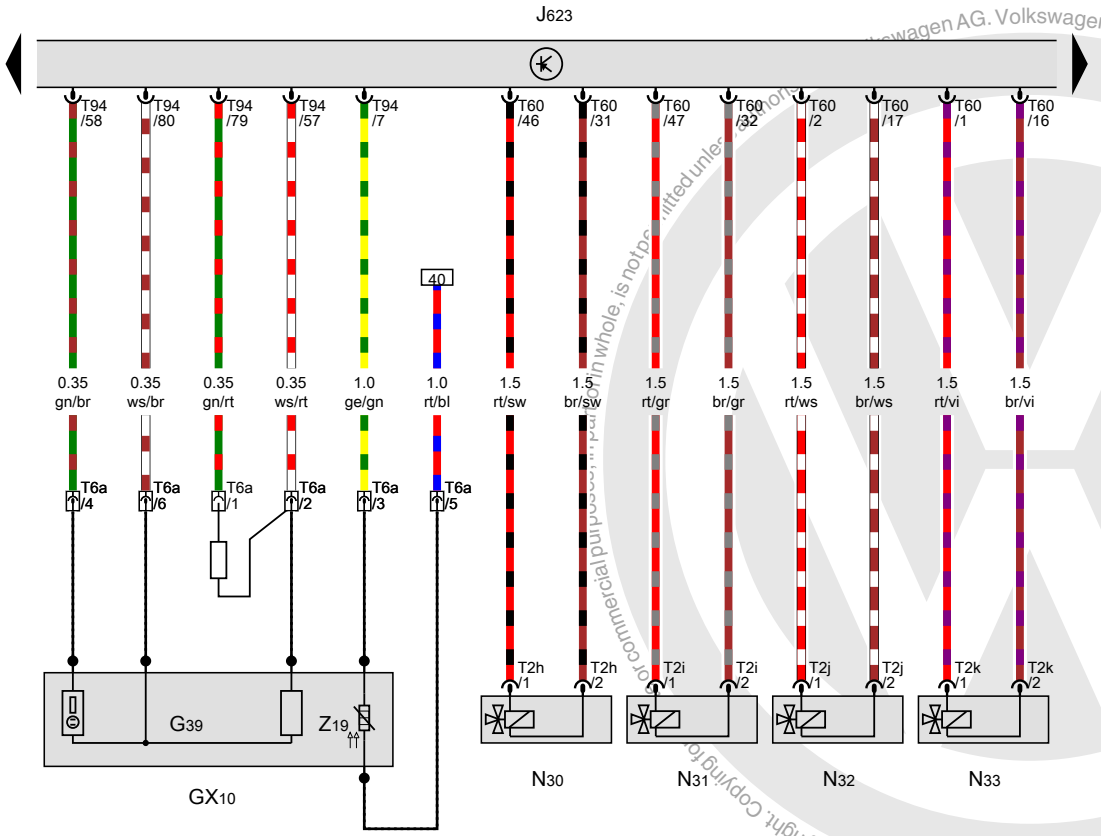
Lambda probe 1 before catalytic converter, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4



GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
J623	Engine/motor control unit, in E-box in engine compartment
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2h	2-pin connector, black
T2i	2-pin connector, black
T2j	2-pin connector, black
T2k	2-pin connector, black
T6a	6-pin connector, black, in middle of engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
Z19	Lambda probe heater

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ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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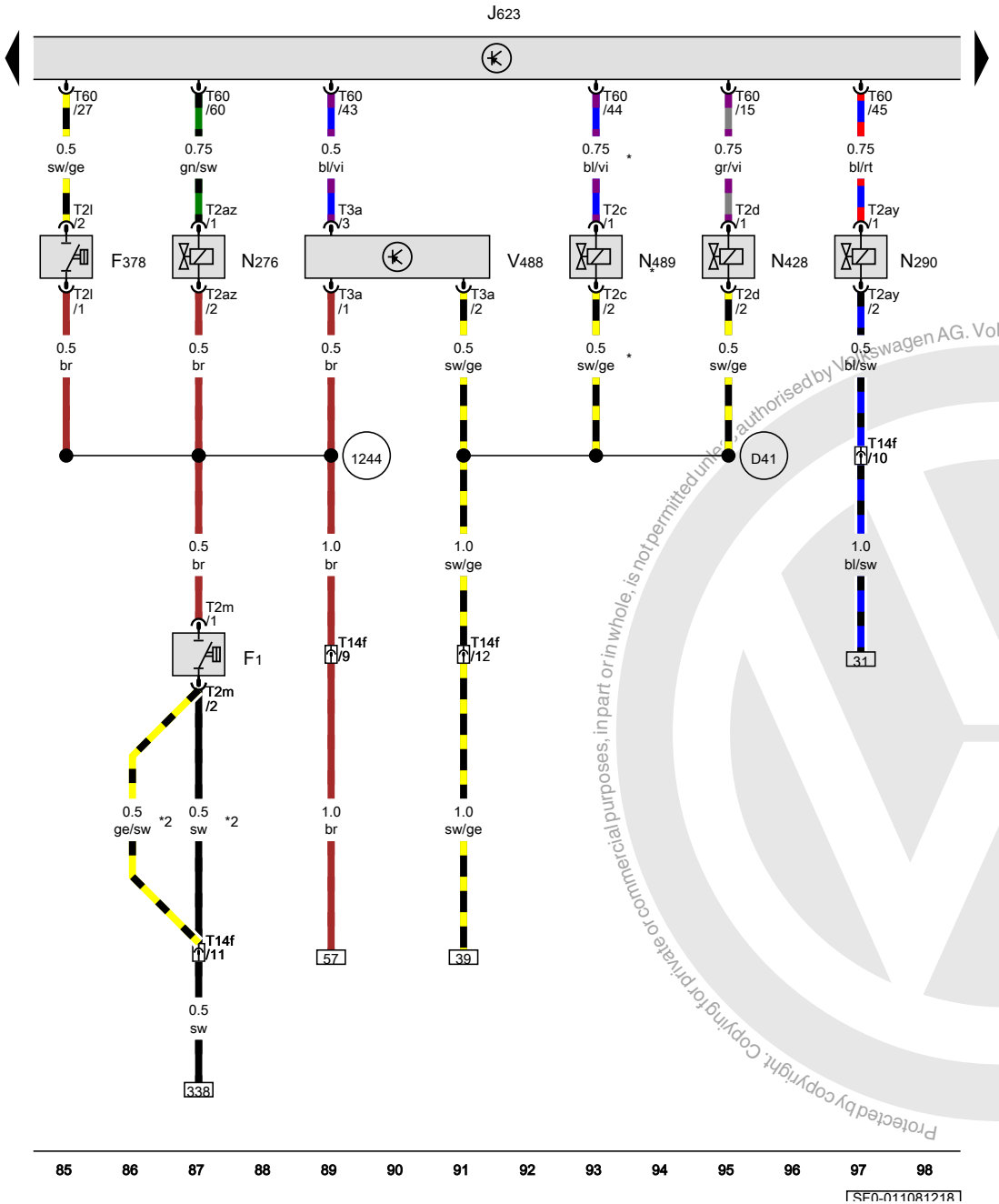

Oil pressure switch, Oil pressure switch for reduced oil pressure, Engine/motor control unit, Fuel pressure regulating valve, Fuel metering valve, Valve for oil pressure control, Coolant valve for cylinder head, Auxiliary pump for heating

F1	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
J623	Engine/motor control unit, in E-box in engine compartment
N276	Fuel pressure regulating valve
N290	Fuel metering valve
N428	Valve for oil pressure control
N489	Coolant valve for cylinder head
T2ay	2-pin connector, black
T2az	2-pin connector, black
T2c	2-pin connector, brown
T2d	2-pin connector, black
T2l	2-pin connector, black
T2m	2-pin connector, red
T3a	3-pin connector, black
T14f	14-pin connector, grey, in E-box in engine compartment, next to relay plate
T60	60-pin connector, black
V488	Auxiliary pump for heating
1244	Earth point 7, engine prewiring harness
D41	Connection 3, in engine prewiring harness
*	Not used
*2	Wiring colour depends on equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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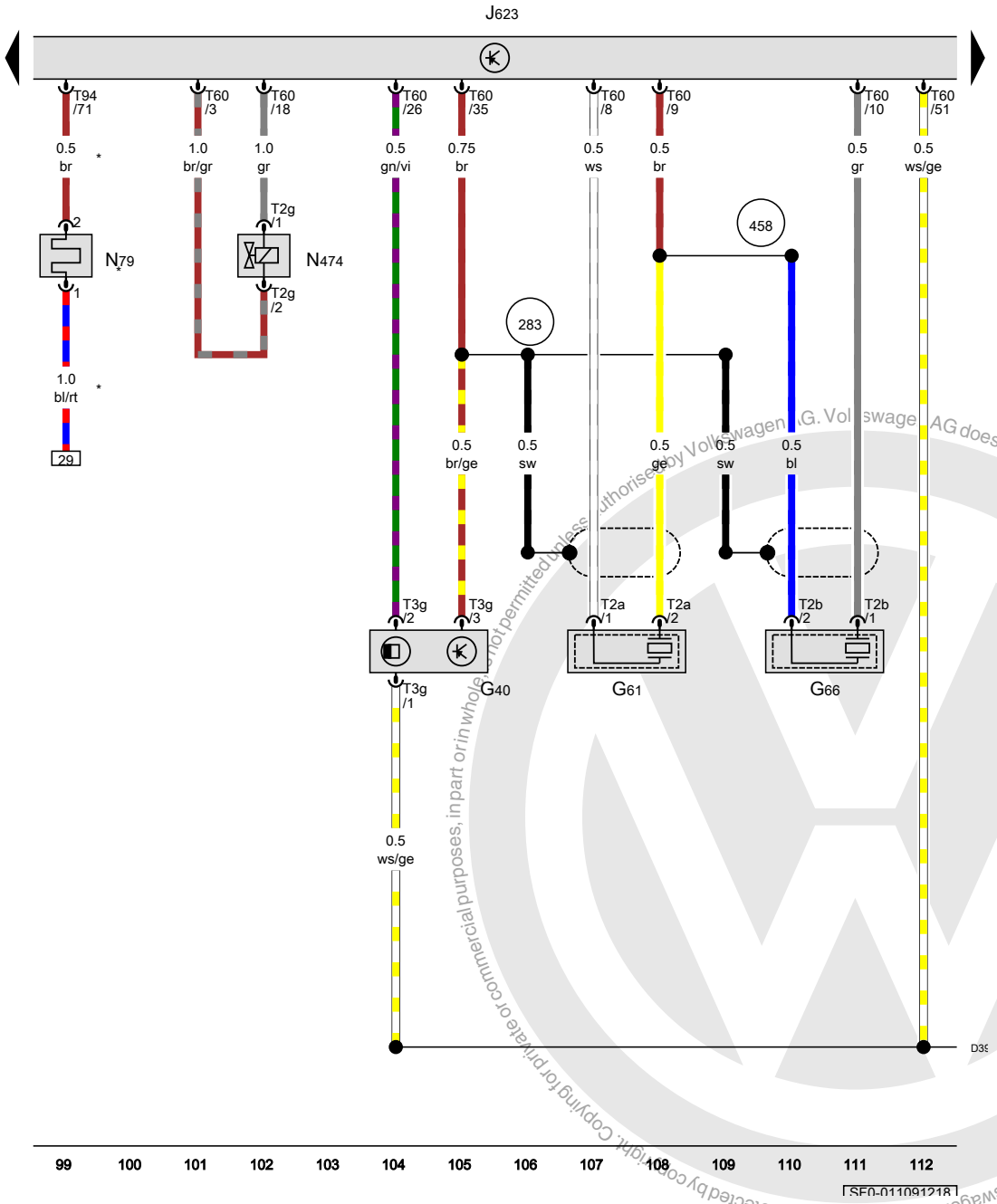

Hall sender, Knock sensor 1, Knock sensor 2, Engine/motor control unit, Heater element for crankcase breather, Injector for reducing agent

G40	Hall sender
G61	Knock sensor 1
G66	Knock sensor 2
J623	Engine/motor control unit, in E-box in engine compartment
N79	Heater element for crankcase breather
N474	Injector for reducing agent
T2a	2-pin connector, black
T2b	2-pin connector, black
T2g	2-pin connector, black
T3g	3-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
283	Earth point 2, engine prewiring harness
458	Earth point 3, engine prewiring harness
D39	Connection 1, in engine prewiring harness
*	For models with crankcase breather heater element

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
vi	=	purple
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or	=	orange
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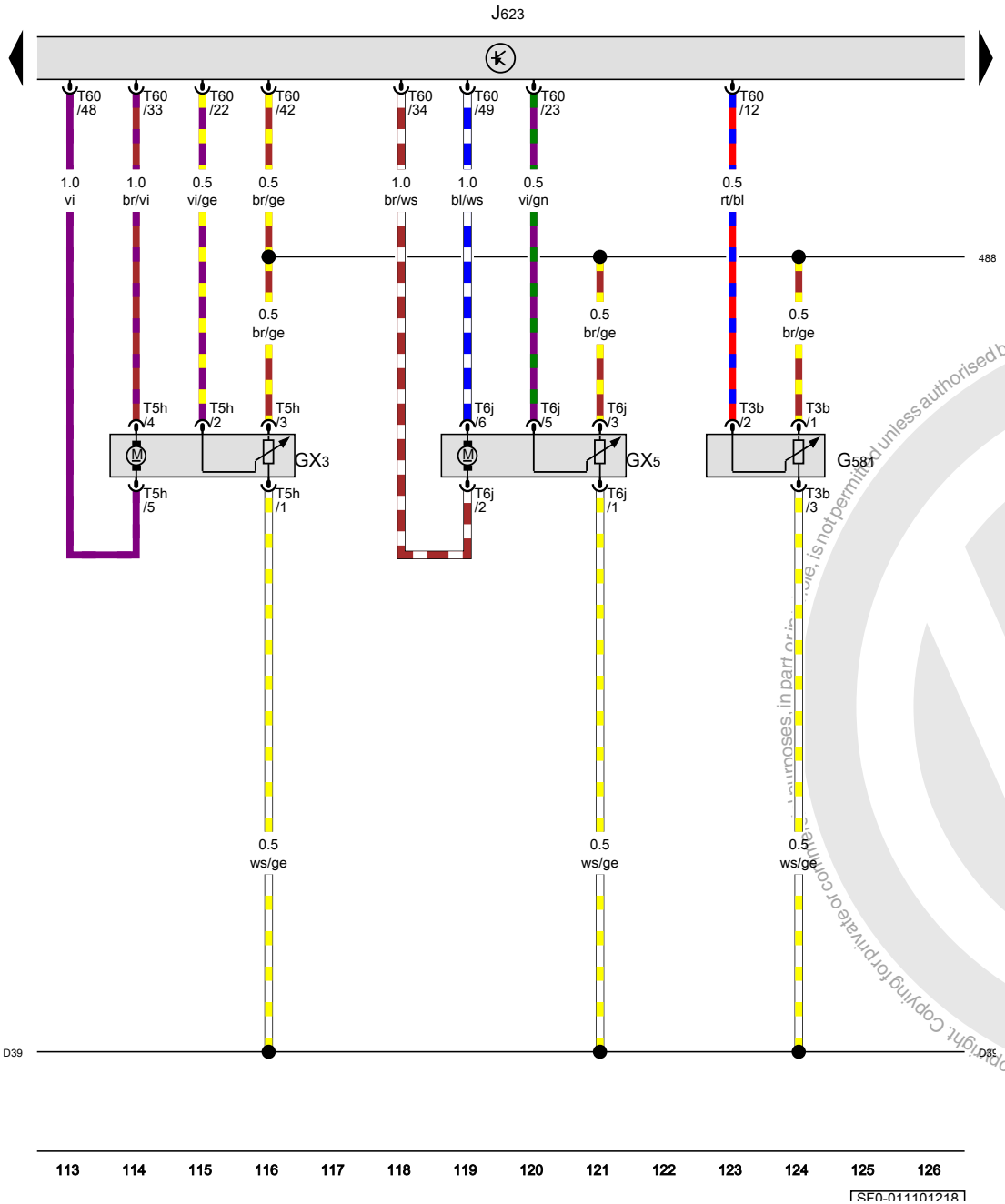

Throttle valve module, Exhaust gas recirculation valve 1, Position sender for charge pressure positioner, Engine/ motor control unit

GX3	Throttle valve module
GX5	Exhaust gas recirculation valve 1
G581	Position sender for charge pressure positioner
J623	Engine/motor control unit, in E-box in engine compartment
T3b	3-pin connector, brown
T5h	5-pin connector, black
T6j	6-pin connector, grey
T60	60-pin connector, black
488	Earth point 6, engine prewiring harness
D39	Connection 1, in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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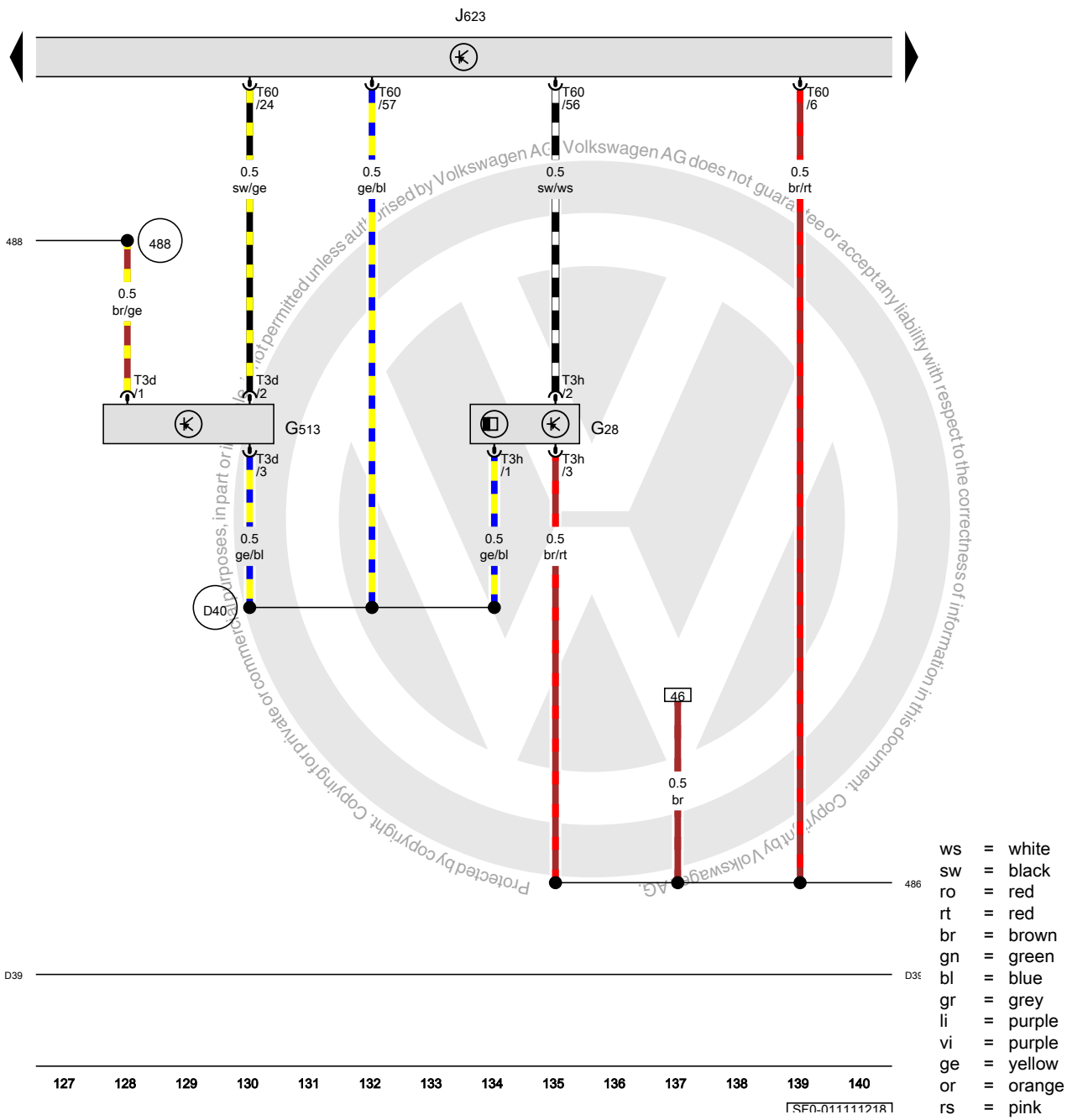

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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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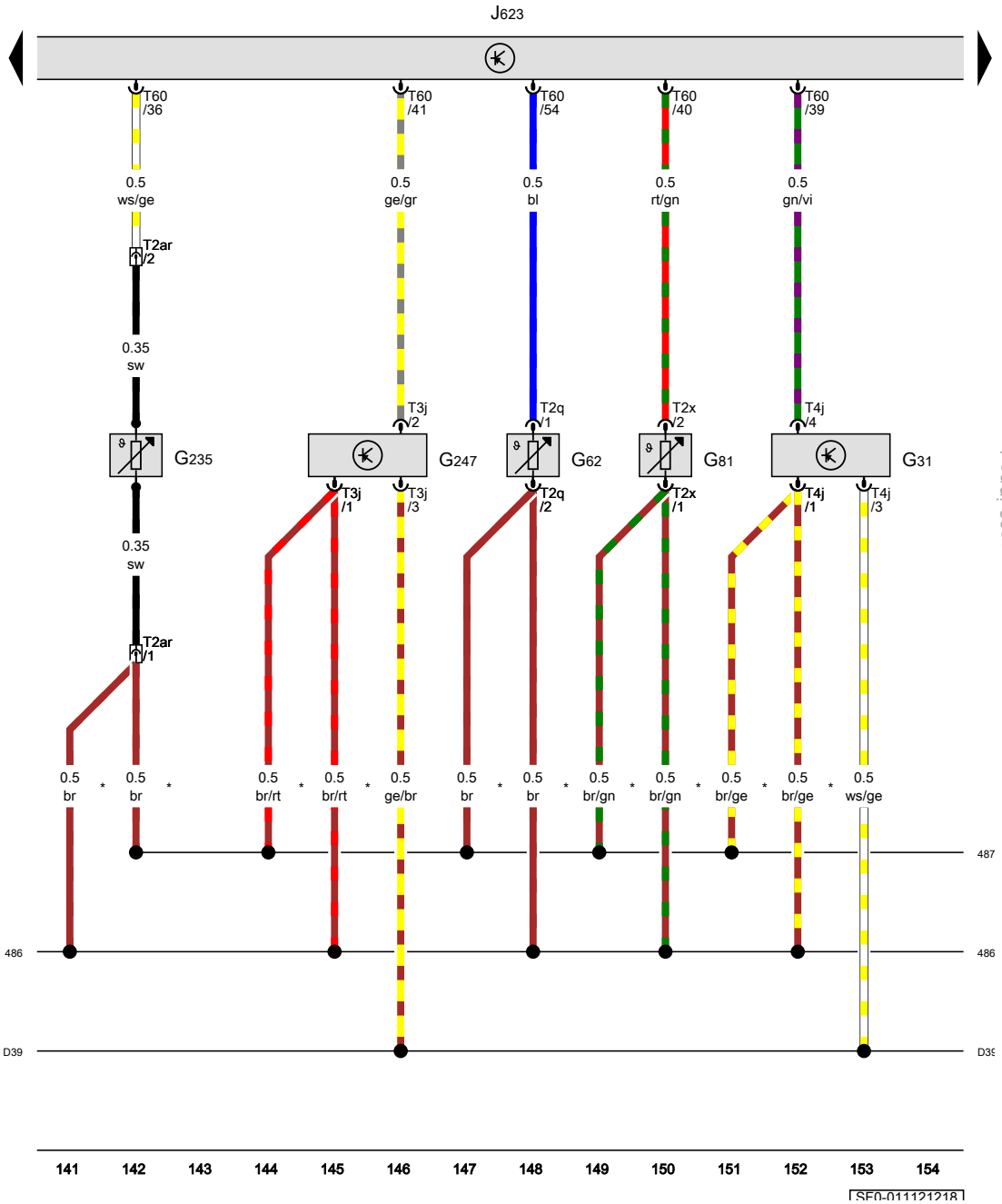
ge	=	yellow
or	=	orange
rs	=	pink

Engine speed sender, Variable intake manifold position sender, Engine/motor control unit

G28	Engine speed sender
G513	Variable intake manifold position sender
J623	Engine/motor control unit, in E-box in engine compartment
T3d	3-pin connector, brown
T3h	3-pin connector, black
T60	60-pin connector, black
486	Earth point 4, engine prewiring harness
488	Earth point 6, engine prewiring harness
D39	Connection 1, in engine prewiring harness
D40	Connection 2, in engine prewiring harness

Charge pressure sender, Coolant temperature sender, Fuel temperature sender, Exhaust gas temperature sender 1, Fuel pressure sender, Engine/motor control unit



G31	Charge pressure sender
G62	Coolant temperature sender
G81	Fuel temperature sender
G235	Exhaust gas temperature sender 1
G247	Fuel pressure sender
J623	Engine/motor control unit, in E-box in engine compartment
T2ar	2-pin connector, black, near exhaust gas recirculation
T2q	2-pin connector, black
T2x	2-pin connector, black
T3j	3-pin connector, black
T4j	4-pin connector, black
T60	60-pin connector, black
486	Earth point 4, engine prewiring harness
487	Earth point 5, engine prewiring harness
D39	Connection 1, in engine prewiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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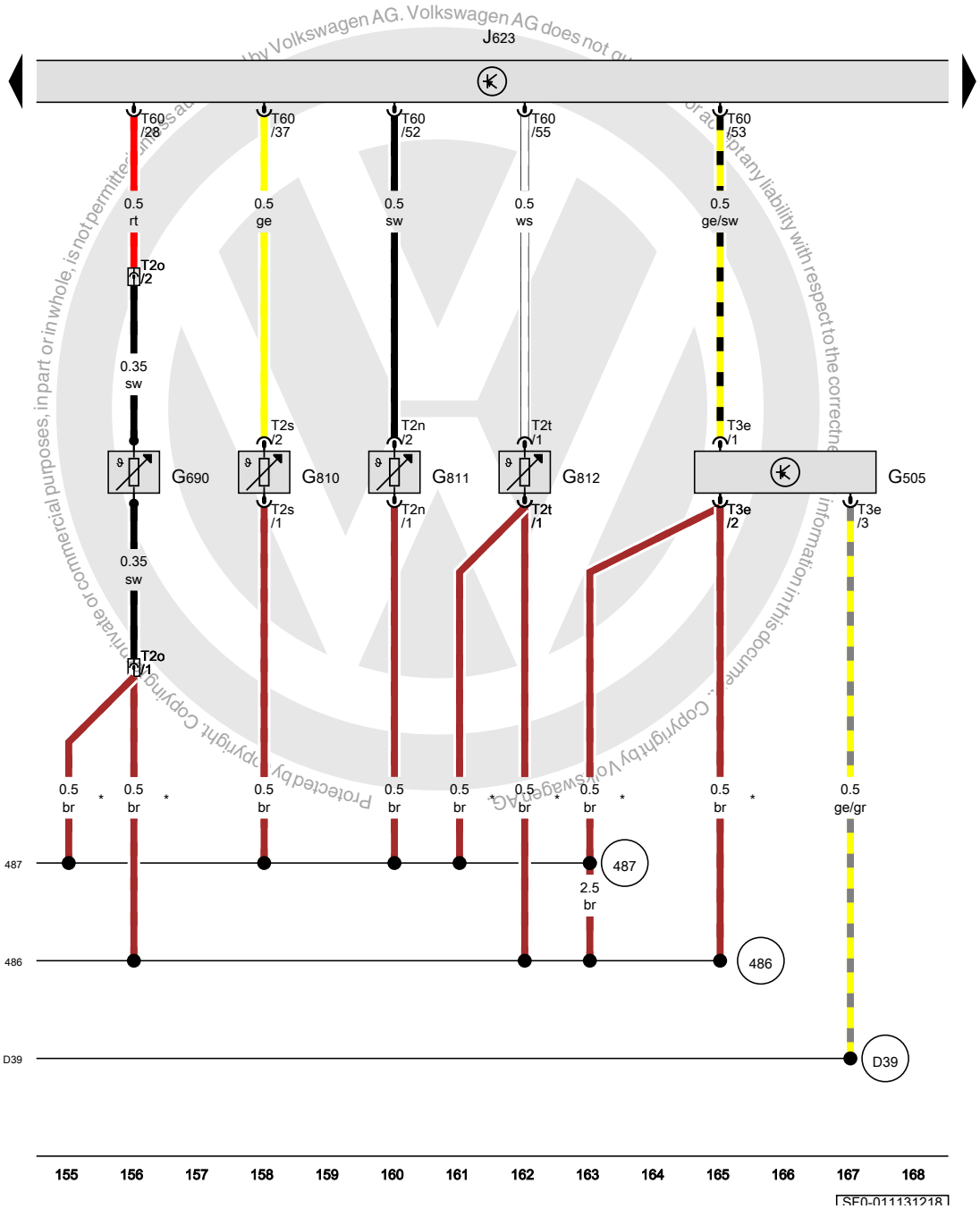

Pressure differential sender, Temperature sensor 2 for exhaust recirculation, Charge air temperature sender before charge air cooler, Charge air temperature sender after charge air cooler, Coolant temperature sender 3, Engine/ motor control unit

G505	Pressure differential sender
G690	Temperature sensor 2 for exhaust recirculation
G810	Charge air temperature sender before charge air cooler
G811	Charge air temperature sender after charge air cooler
G812	Coolant temperature sender 3
J623	Engine/motor control unit, in E-box in engine compartment
T2n	2-pin connector, black
T2o	2-pin connector, brown, in middle of engine compartment
T2s	2-pin connector, black
T2t	2-pin connector, black
T3e	3-pin connector, black
T60	60-pin connector, black
486	Earth point 4, engine prewiring harness
487	Earth point 5, engine prewiring harness
D39	Connection 1, in engine prewiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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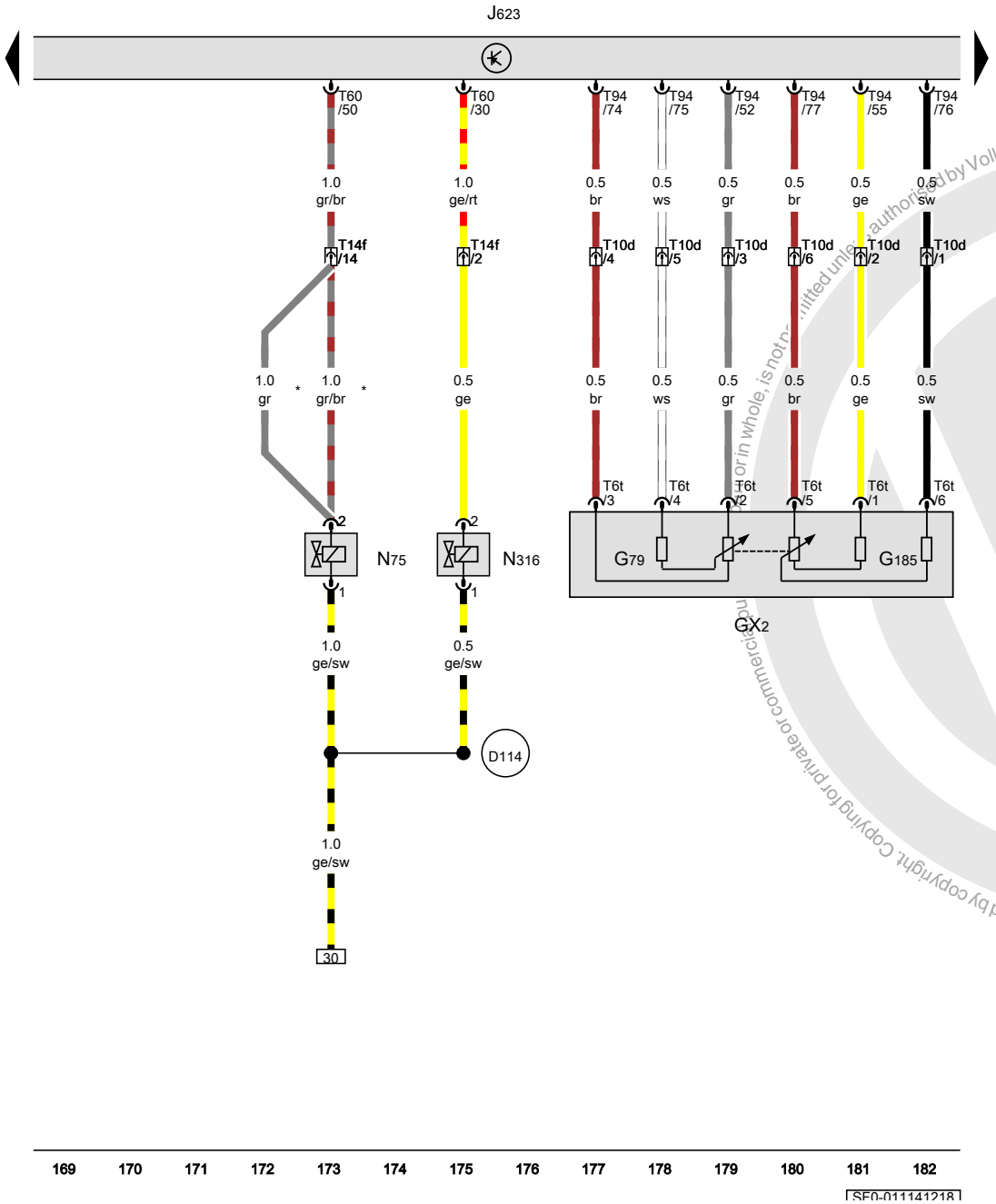

Accelerator pedal module, Accelerator position sender, Accelerator position sender 2, Engine/motor control unit, Charge pressure control solenoid valve, Intake manifold flap valve

GX2	Accelerator pedal module
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit, in E-box in engine compartment
N75	Charge pressure control solenoid valve
N316	Intake manifold flap valve
T6t	6-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T14f	14-pin connector, grey, in E-box in engine compartment, next to relay plate
T60	60-pin connector, black
T94	94-pin connector, black
D114	Connection 12 in engine compartment wiring harness
*	Wiring colour depends on equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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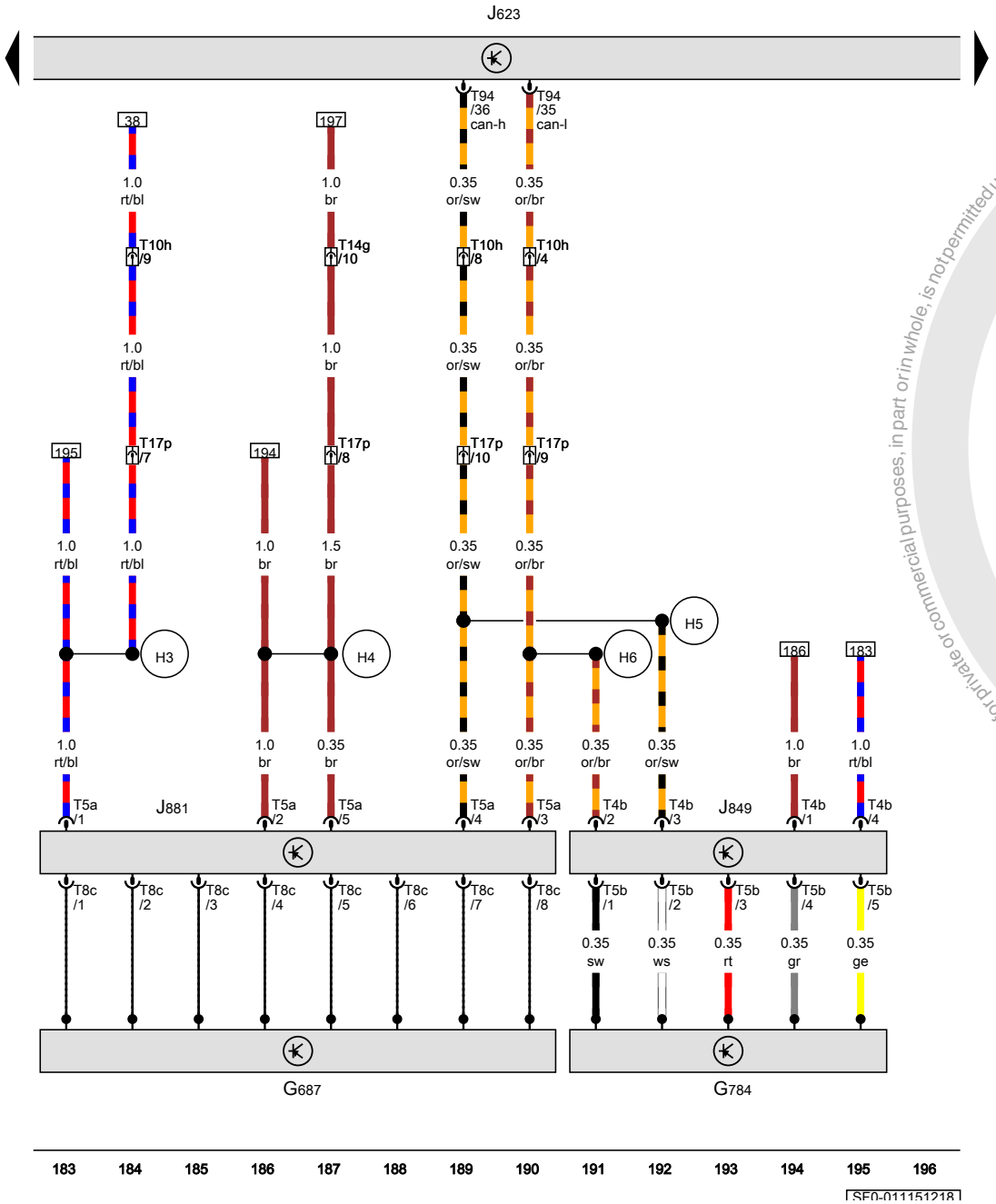

NOx sender 2, Particulate sensor, Engine/motor control unit, Control unit for sensor electronics, Control unit for NOx sender 2

G687	NOx sender 2
G784	Particulate sensor
J623	Engine/motor control unit, in E-box in engine compartment
J849	Control unit for sensor electronics
J881	Control unit for NOx sender 2
T4b	4-pin connector, black
T5a	5-pin connector, black
T5b	5-pin connector, black
T8c	8-pin connector, black
T10h	10-pin connector, orange, in E-box in engine compartment
T14g	14-pin connector, black, near container for additive
T17p	17-pin connector, red, under seat on front left
T94	94-pin connector, black
H3	Connection 1 in wiring harness for reducing agent tank
H4	Connection 2 in wiring harness for reducing agent tank
H5	Connection 3 in wiring harness for reducing agent tank
H6	Connection 4 in wiring harness for reducing agent tank

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
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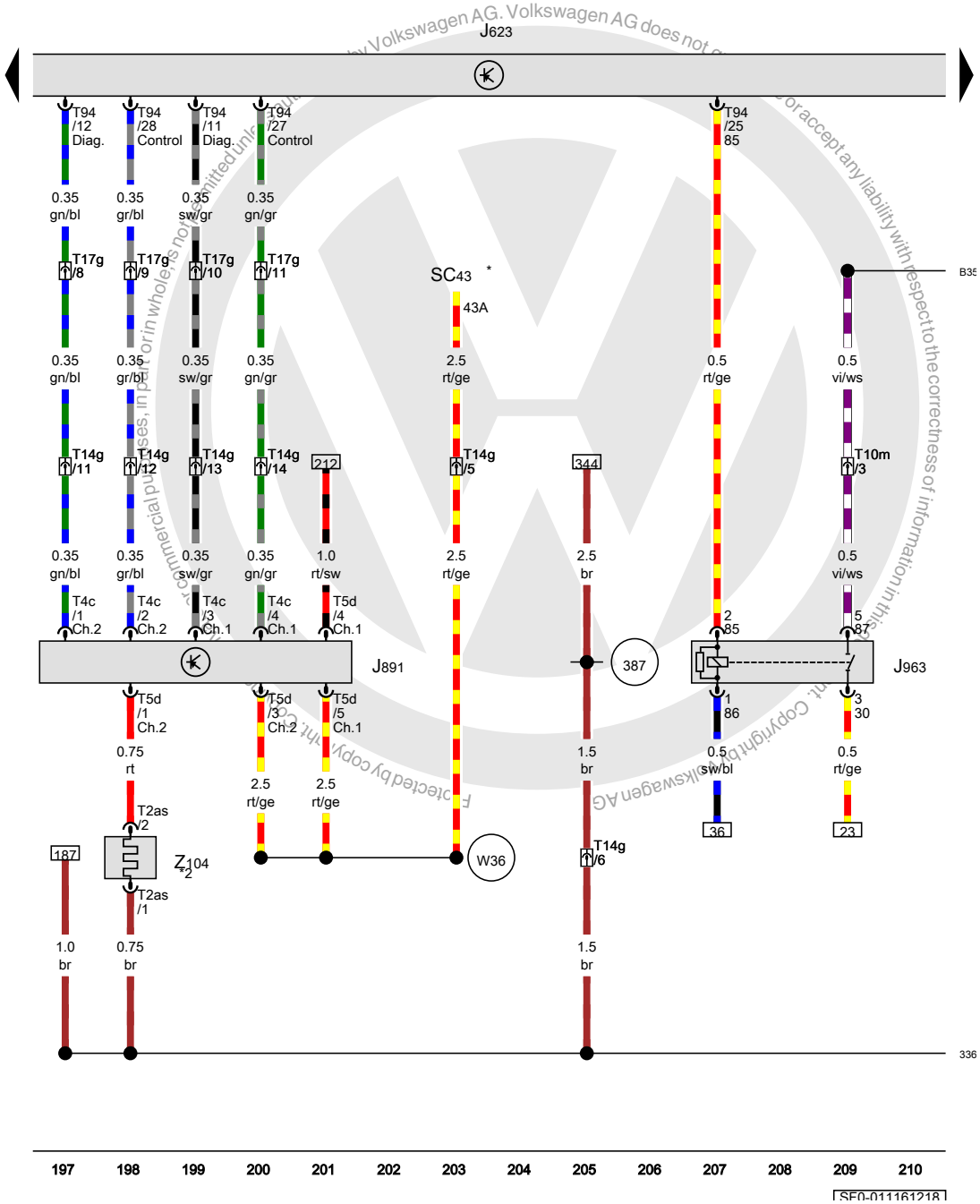

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Engine/motor control unit, Control unit for reducing agent heater, Relay for reducing agent metering system, Fuse 43 on fuse holder C, Heater for reducing agent line (heater circuit 2)

J623	Engine/motor control unit, in E-box in engine compartment
J891	Control unit for reducing agent heater
J963	Relay for reducing agent metering system
SC43	Fuse 43 on fuse holder C
T2as	2-pin connector, black
T4c	4-pin connector, black
T5d	5-pin connector, colourless
T10m	10-pin connector, light pink, in E-box in engine compartment
T14g	14-pin connector, black, near container for additive
T17g	17-pin connector, black, in E-box in engine compartment
T94	94-pin connector, black
Z104	Heater for reducing agent line (heater circuit 2)
336	Earth connection 1, in floor wiring harness
387	Earth connection 22, in main wiring harness
B350	Positive connection 1 (87a) in main wiring harness
W36	Positive connection (30a), in floor wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Pre-wired component

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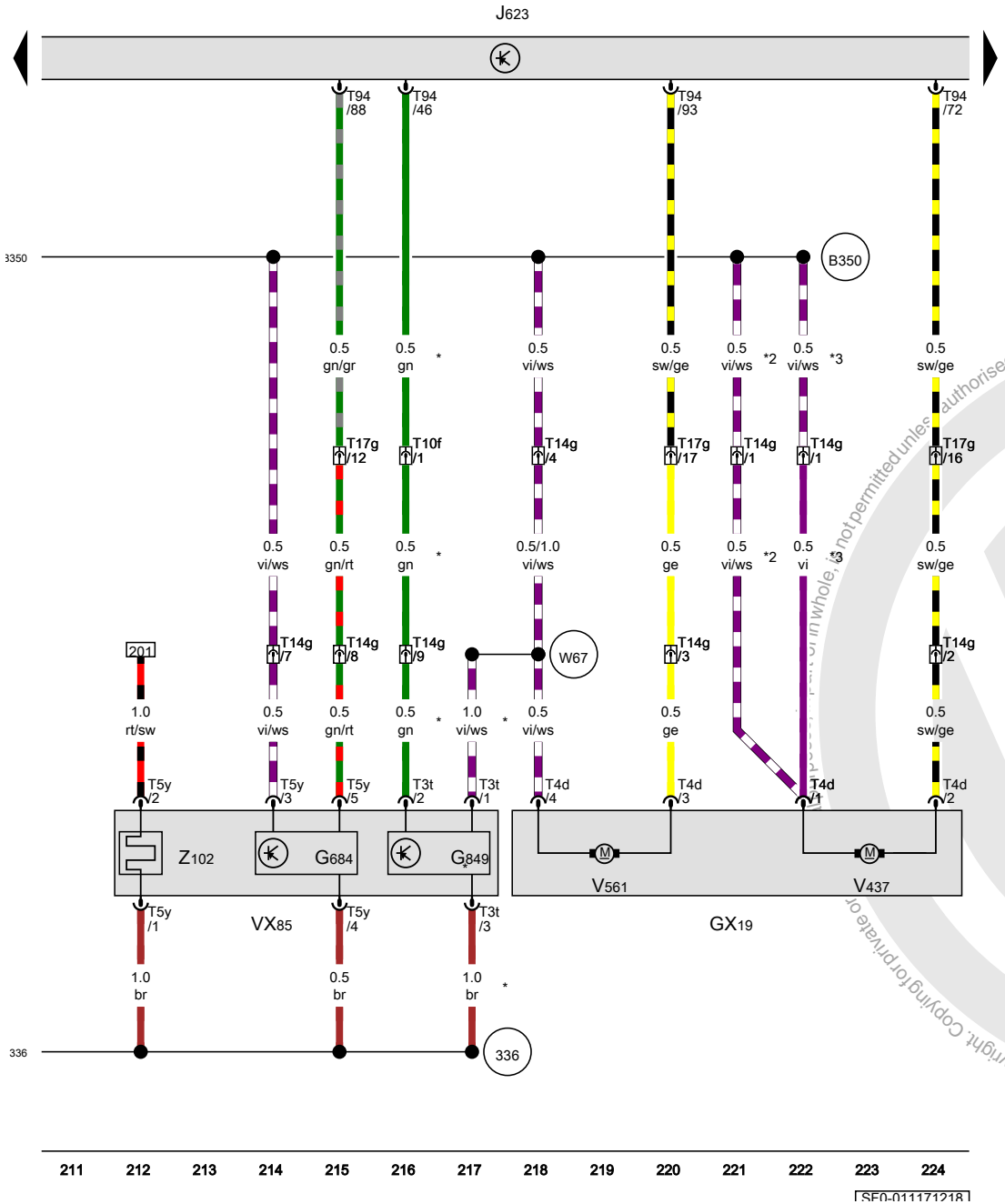

Delivery unit for reducing agent metering system, Engine/ motor control unit, Reducing agent tank

GX19	Delivery unit for reducing agent metering system, on reducing-agent tank
G684	Tank sender for reducing agent, in reducing agent tank
G849	Reducing agent quality sensor, in reducing agent tank
J623	Engine/motor control unit, in E-box in engine compartment
T3t	3-pin connector, black
T4d	4-pin connector, black
T5y	5-pin connector, black
T10f	10-pin connector, green, in E-box in engine compartment
T14g	14-pin connector, black, near container for additive
T17g	17-pin connector, black, in E-box in engine compartment
T94	94-pin connector, black
VX85	Reducing agent tank
V437	Pump for reducing agent, on reducing-agent tank
V561	Reducing agent return flow pump, on reducing-agent tank
Z102	Heater for reducing agent tank (heater circuit 1), in reducing agent tank
336	Earth connection 1, in floor wiring harness
B350	Positive connection 1 (87a) in main wiring harness
W67	Connection (87), in floor wiring harness
*	According to equipment
*2	Up to November 2016
*3	From November 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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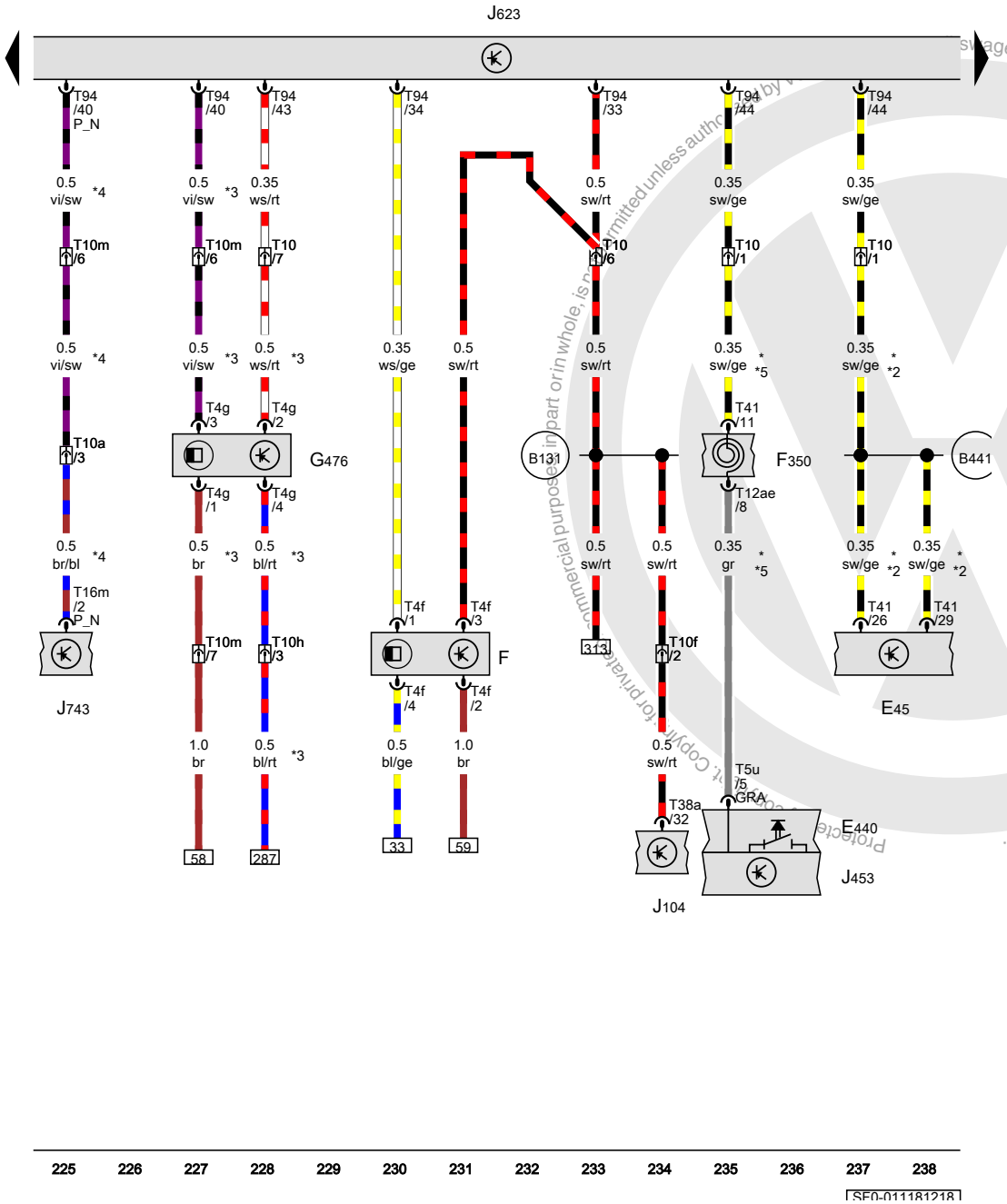

Cruise control system switch, Multifunction buttons on left in steering wheel, Brake light switch, Coil connector, Clutch position sender, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

E45	Cruise control system switch
E440	Multifunction buttons on left in steering wheel
F	Brake light switch, on brake master cylinder
F350	Coil connector, in steering wheel
G476	Clutch position sender
J104	ABS control unit
J453	Multifunction steering wheel control unit
J623	Engine/motor control unit, in E-box in engine compartment
J743	Mechatronic unit for dual clutch gearbox
T4f	4-pin connector, black
T4g	4-pin connector, black
T5u	5-pin connector, black
T10	10-pin connector, black, in E-box in engine compartment
T10a	10-pin connector, brown, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T12ae	12-pin connector, yellow
T16m	16-pin connector, black
T38a	38-pin connector, black
T41	41-pin connector, grey
T94	94-pin connector, black
B131	Connection (54), in interior wiring harness
B441	Connection (CCS), in main wiring harness
*	For models with cruise control system
*2	For models with no multifunction steering wheel
*3	For models with manual gearbox
*4	For models with dual clutch gearbox
*5	For models with multifunction steering wheel

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
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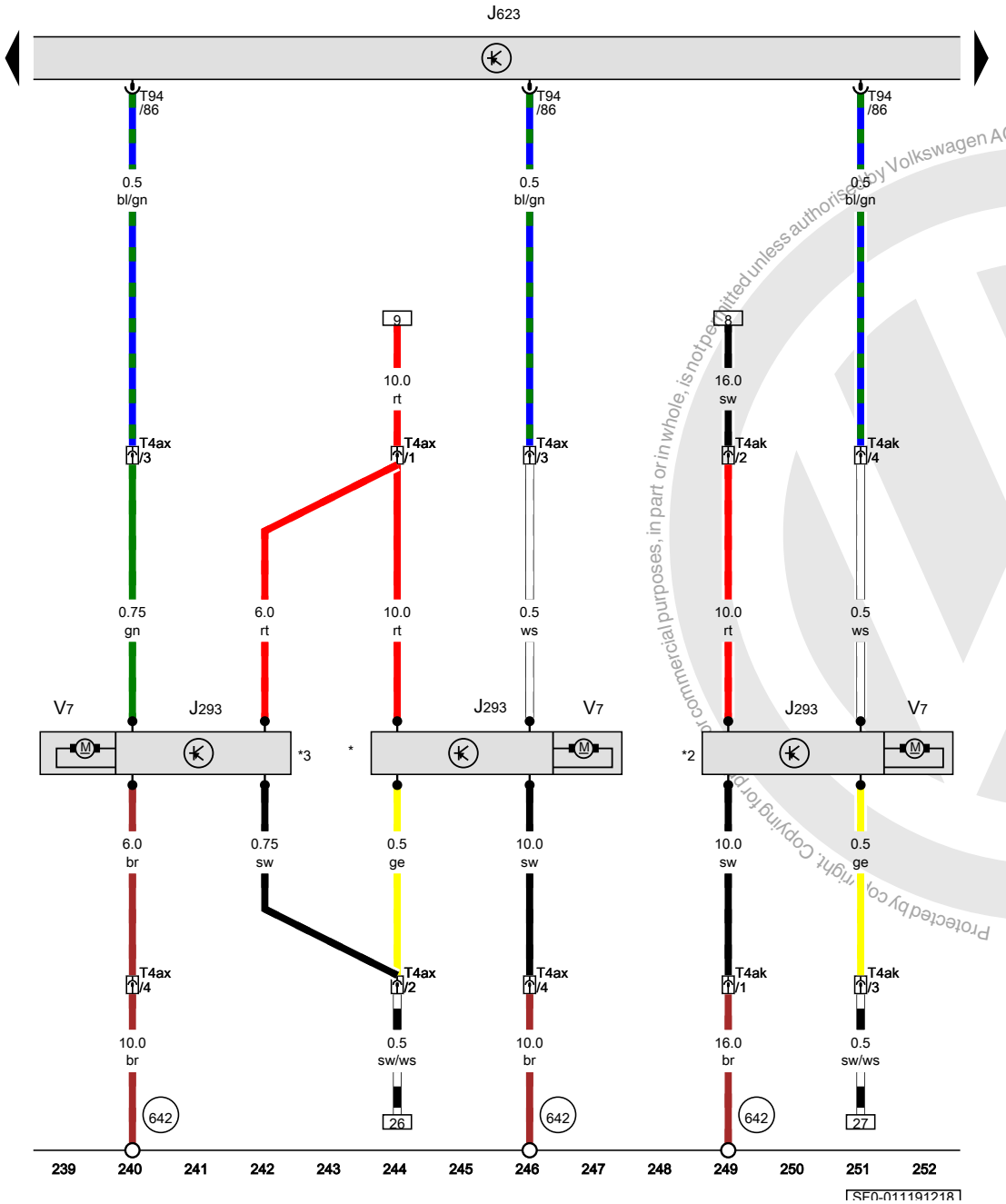
Radiator fan control unit, Engine/motor control unit

J293	Radiator fan control unit
J623	Engine/motor control unit, in E-box in engine compartment
T4ak	4-pin connector, black, near radiator fan
T4ax	4-pin connector, black, near radiator fan
T94	94-pin connector, black
V7	Radiator fan
642	Earth point for electronically controlled fan
*	For models with medium fan output
*2	For models with increased fan output
*3	For models with low fan output



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rs	=	pink

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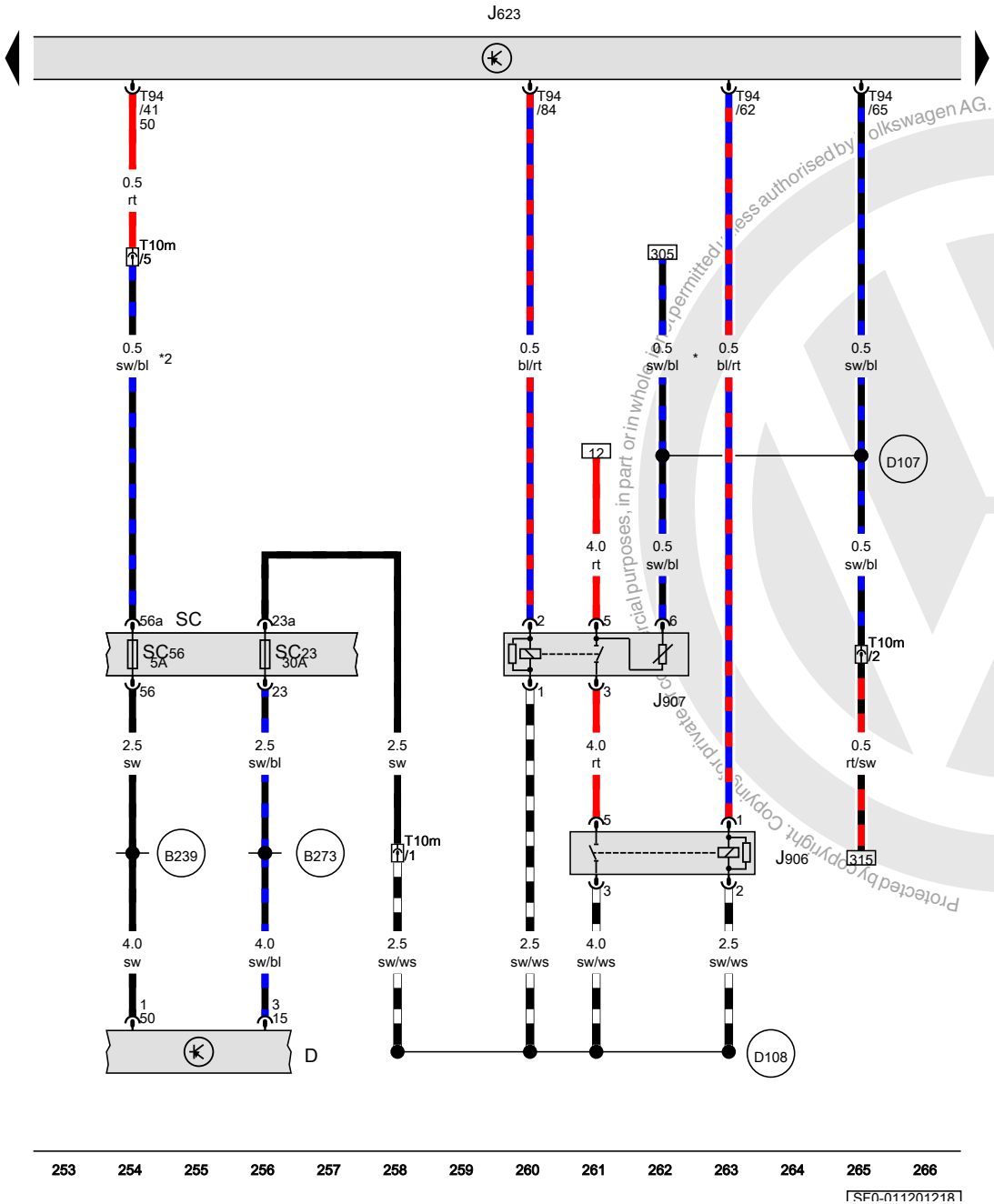

Ignition/starter switch, Engine/motor control unit, Fuse 23 on fuse holder C, Fuse 56 on fuse holder C

D	Ignition/starter switch
J623	Engine/motor control unit, in E-box in engine compartment
J906	Starter relay 1, in E-box in engine compartment
J907	Starter relay 2, in E-box in engine compartment
SC	Fuse holder C, in centre of dash panel
SC23	Fuse 23 on fuse holder C
SC56	Fuse 56 on fuse holder C
T10m	10-pin connector, light pink, in E-box in engine compartment
T94	94-pin connector, black
B239	Positive connection 1 (50), in interior wiring harness
B273	Positive connection (15), in main wiring harness
D107	Connection 5 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
*	Up to June 2016
*2	For models with no electric interface

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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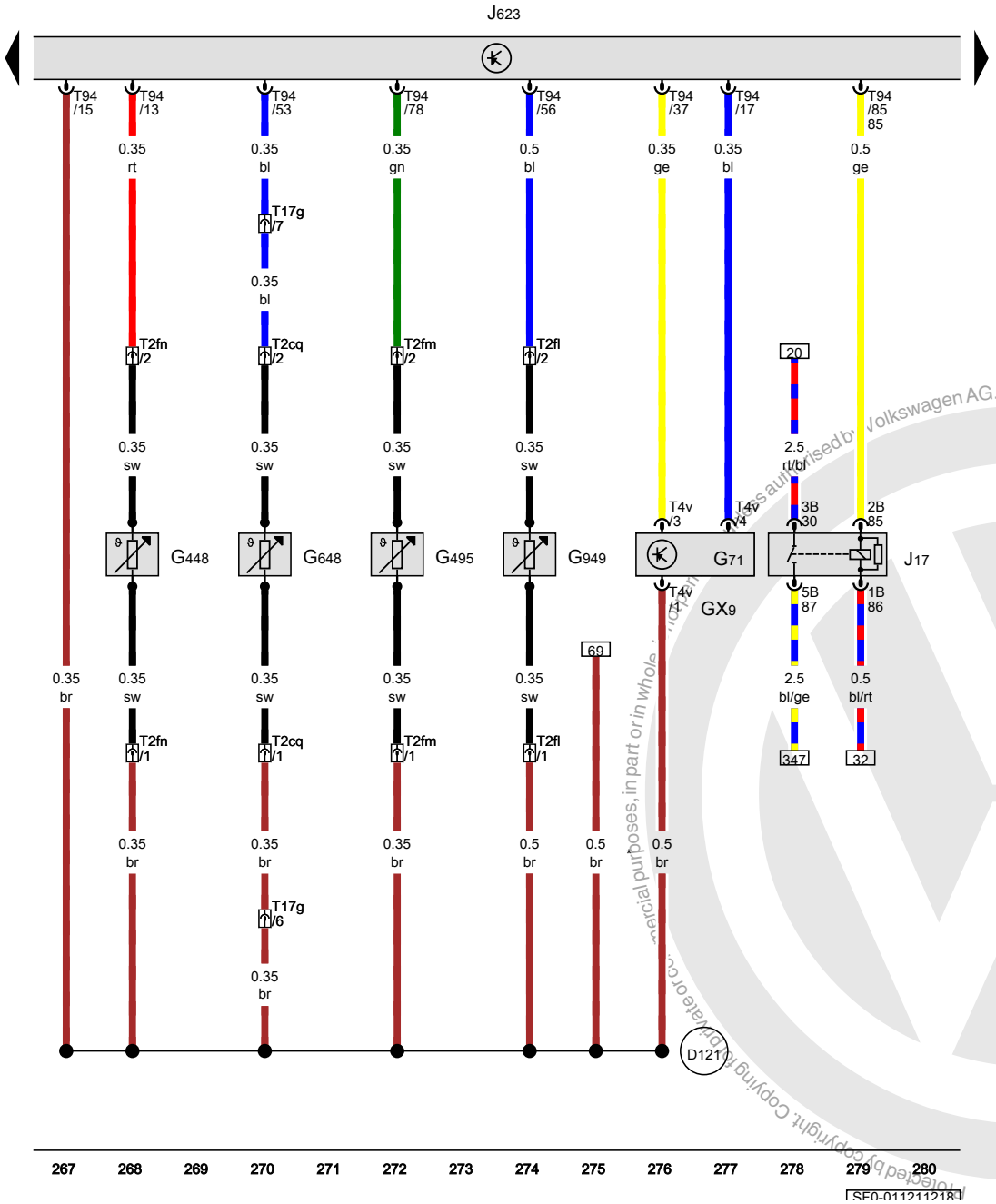

Intake manifold sender, Exhaust gas temperature sender 2, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Temperature sensor 3 for exhaust recirculation, Fuel pump relay, Engine/motor control unit

GX9	Intake manifold sender
G71	Intake manifold pressure sender
G448	Exhaust gas temperature sender 2
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
G949	Temperature sensor 3 for exhaust recirculation
J17	Fuel pump relay, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
T2cq	2-pin connector, light brown, on underbody, near cross panel
T2fl	2-pin connector, light brown, in middle of engine compartment
T2fm	2-pin connector, brown, in middle of engine compartment
T2fn	2-pin connector, black, in middle of engine compartment
T4v	4-pin connector, black
T17g	17-pin connector, black, in E-box in engine compartment
T94	94-pin connector, black
D121	Connection 19 in engine compartment wiring harness
*	From November 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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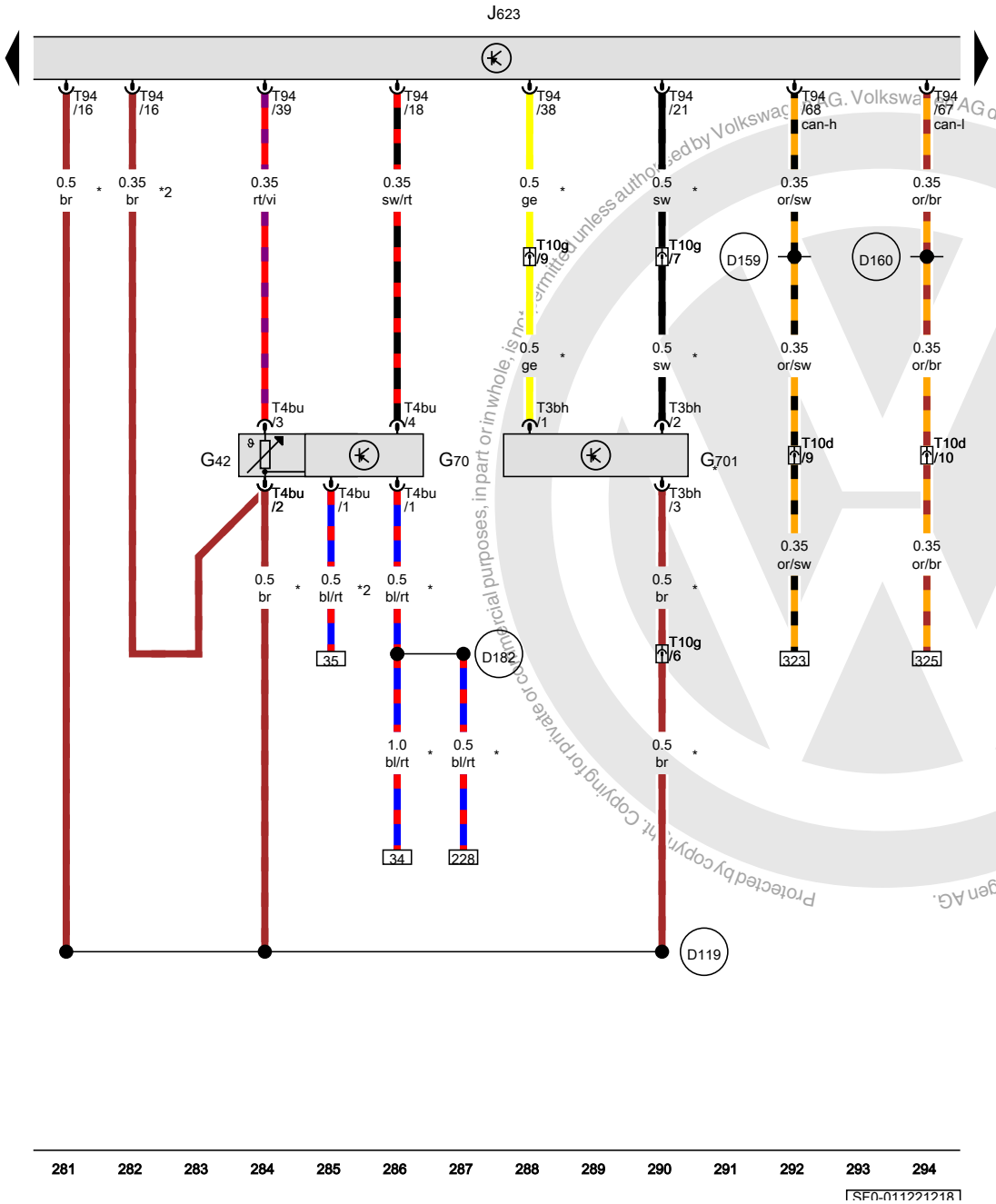
Intake air temperature sender, Air mass meter, Gearbox neutral position sender, Engine/motor control unit



G42	Intake air temperature sender
G70	Air mass meter
G701	Gearbox neutral position sender
J623	Engine/motor control unit, in E-box in engine compartment
T3bh	3-pin connector, black
T4bu	4-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T94	94-pin connector, black
D119	Connection 17 in engine compartment wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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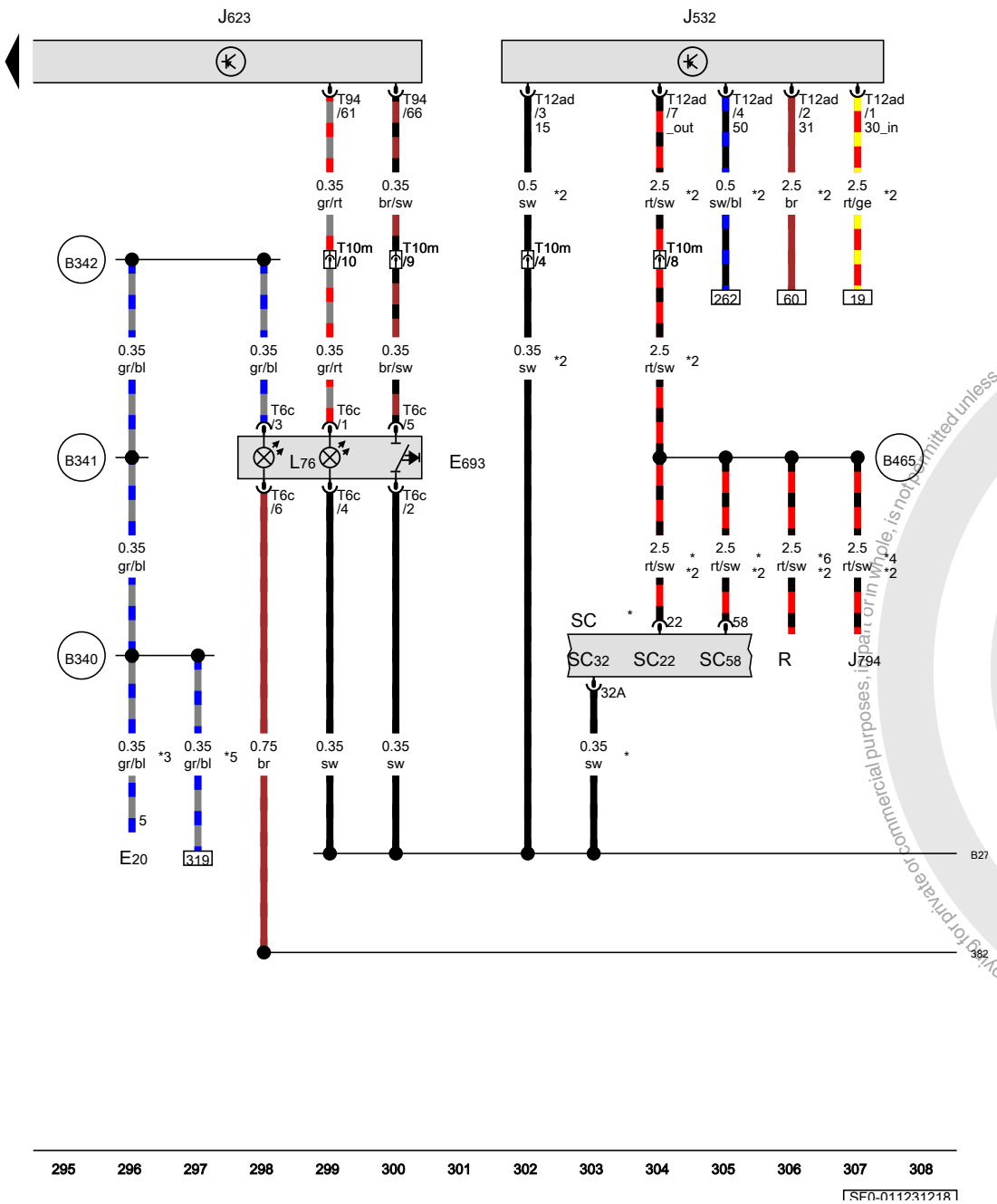

Start/Stop operation button, Voltage stabiliser, Engine/ motor control unit, Fuse holder C

E20	Switch and instrument illumination regulator
E693	Start/Stop operation button
J532	Voltage stabiliser, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
J794	Control unit 1 for information electronics
L76	Button illumination bulb
R	Radio
SC	Fuse holder C, in centre of dash panel
SC22	Fuse 22 on fuse holder C
SC32	Fuse 32 on fuse holder C
SC58	Fuse 58 on fuse holder C
T6c	6-pin connector, white
T10m	10-pin connector, light pink, in E-box in engine compartment
T12ad	12-pin connector, black
T94	94-pin connector, black
382	Earth connection 17, in main wiring harness
B277	Positive connection 1 (15a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B342	Connection 3 (58d), in main wiring harness
B465	Connection 1, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Up to June 2016
*3	For models with dimmable instrument illumination
*4	see applicable current flow diagram for radio/ radio navigation system
*5	For models with no dimmable instrument illumination
*6	For models with preparation for radio

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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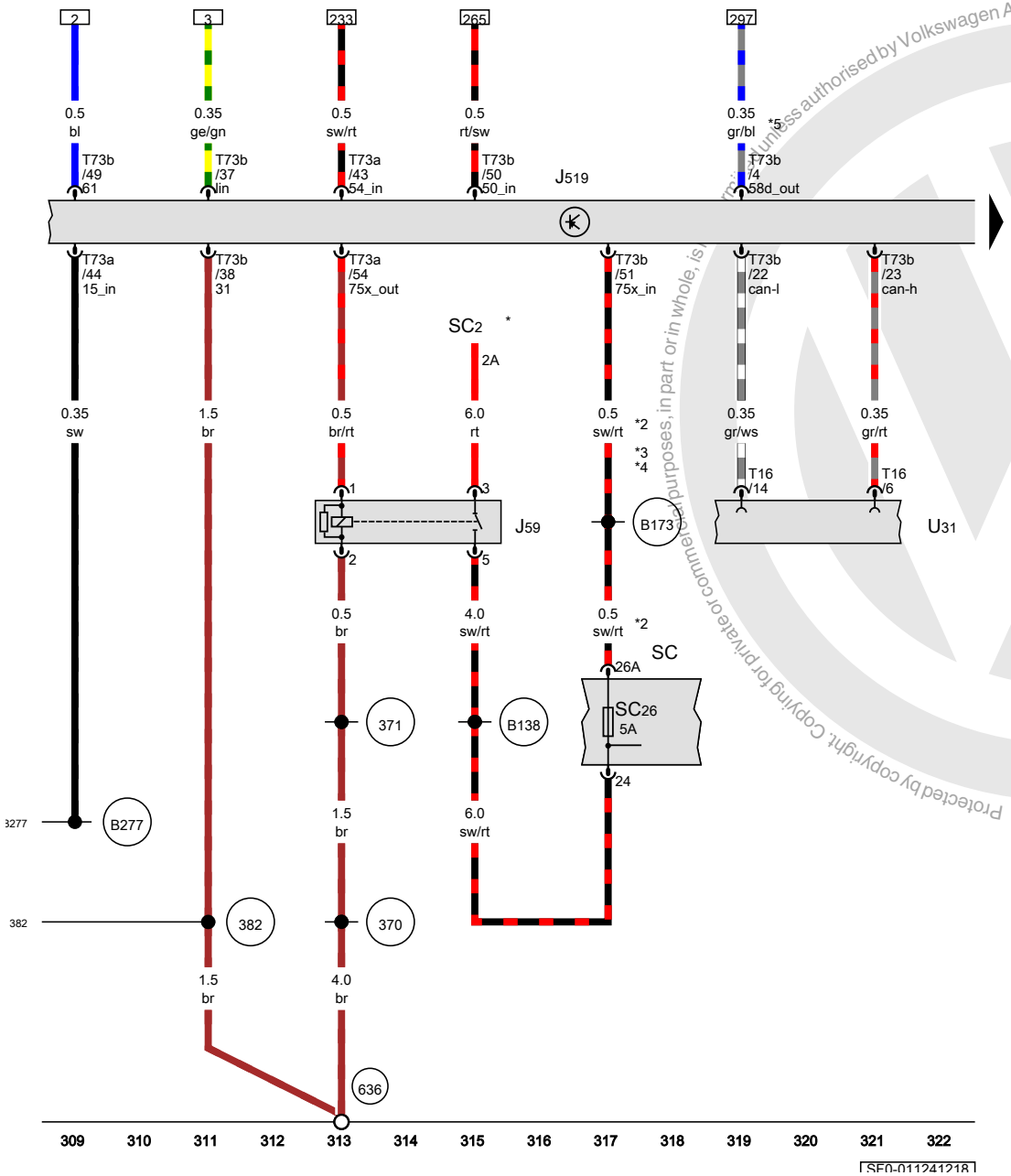
X-contact relief relay, Onboard supply control unit, Fuse 26 on fuse holder C, Diagnostic connection



J59	X-contact relief relay
J519	Onboard supply control unit
SC	Fuse holder C, in centre of dash panel
SC2	Fuse 2 on fuse holder C
SC26	Fuse 26 on fuse holder C
T16	16-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
U31	Diagnostic connection
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
382	Earth connection 17, in main wiring harness
636	Earth point, onboard supply control unit
B138	Positive connection (X), in interior wiring harness
B173	Positive connection 2 (X), in interior wiring harness
B277	Positive connection 1 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Up to June 2016
*3	From June 2016
*4	For models with special police equipment
*5	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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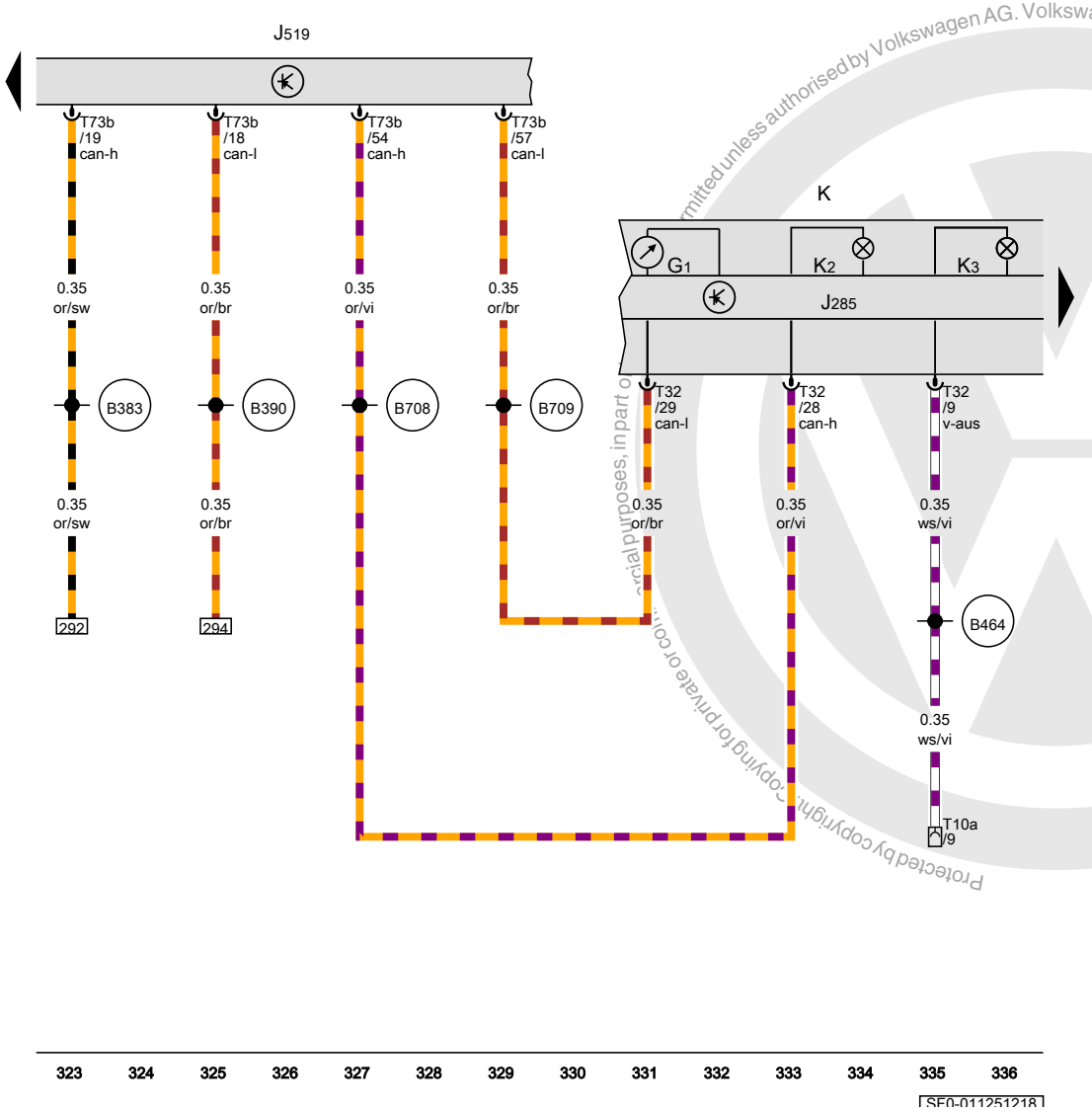
Fuel gauge, Onboard supply control unit, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp

G1	Fuel gauge
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
T10a	10-pin connector, brown, in E-box in engine compartment
T32	32-pin connector, blue
T73b	73-pin connector, white
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B464	Connection (speed signal), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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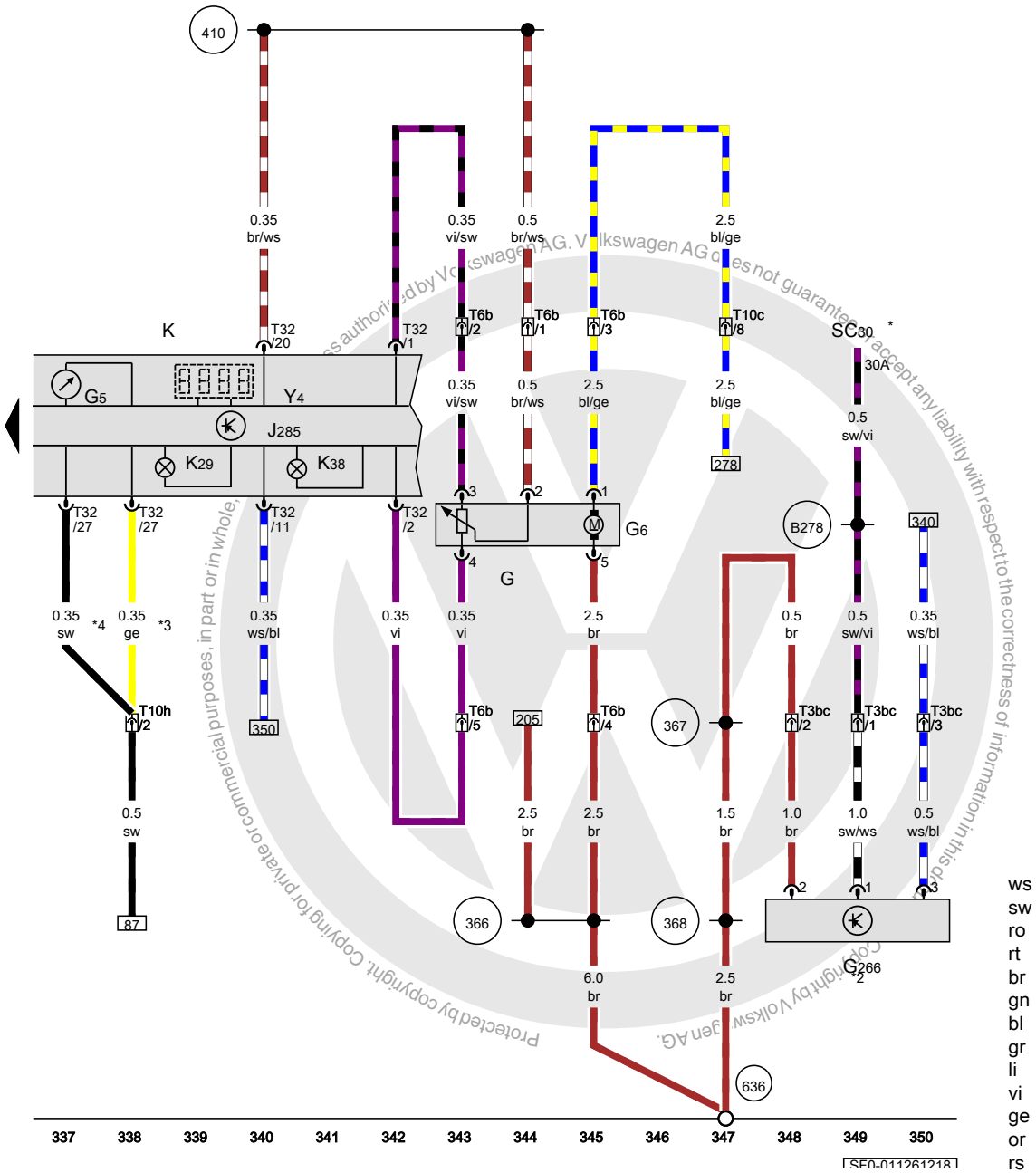

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Fuel gauge sender, Rev. counter, Fuel system pressurisation pump, Oil level and oil temperature sender, Dash panel insert, Glow period warning lamp, Oil level warning lamp

G	Fuel gauge sender
G5	Rev. counter
G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K	Dash panel insert
K29	Glow period warning lamp
K38	Oil level warning lamp
SC30	Fuse 30 on fuse holder C
T3bc	3-pin connector, black, on underbody, near cross panel
T6b	6-pin connector, black, on fuel tank
T10c	10-pin connector, yellow, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T32	32-pin connector, blue
Y4	Trip counter
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
410	Earth connection 1 (sender earth) in main wiring harness
636	Earth point, onboard supply control unit
B278	Positive connection 2 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with extended service intervals (ESI)
*3	Up to June 2016
*4	From June 2016

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2.0l diesel engine with start/stop system , CXEB,(7L6)

From June 2015

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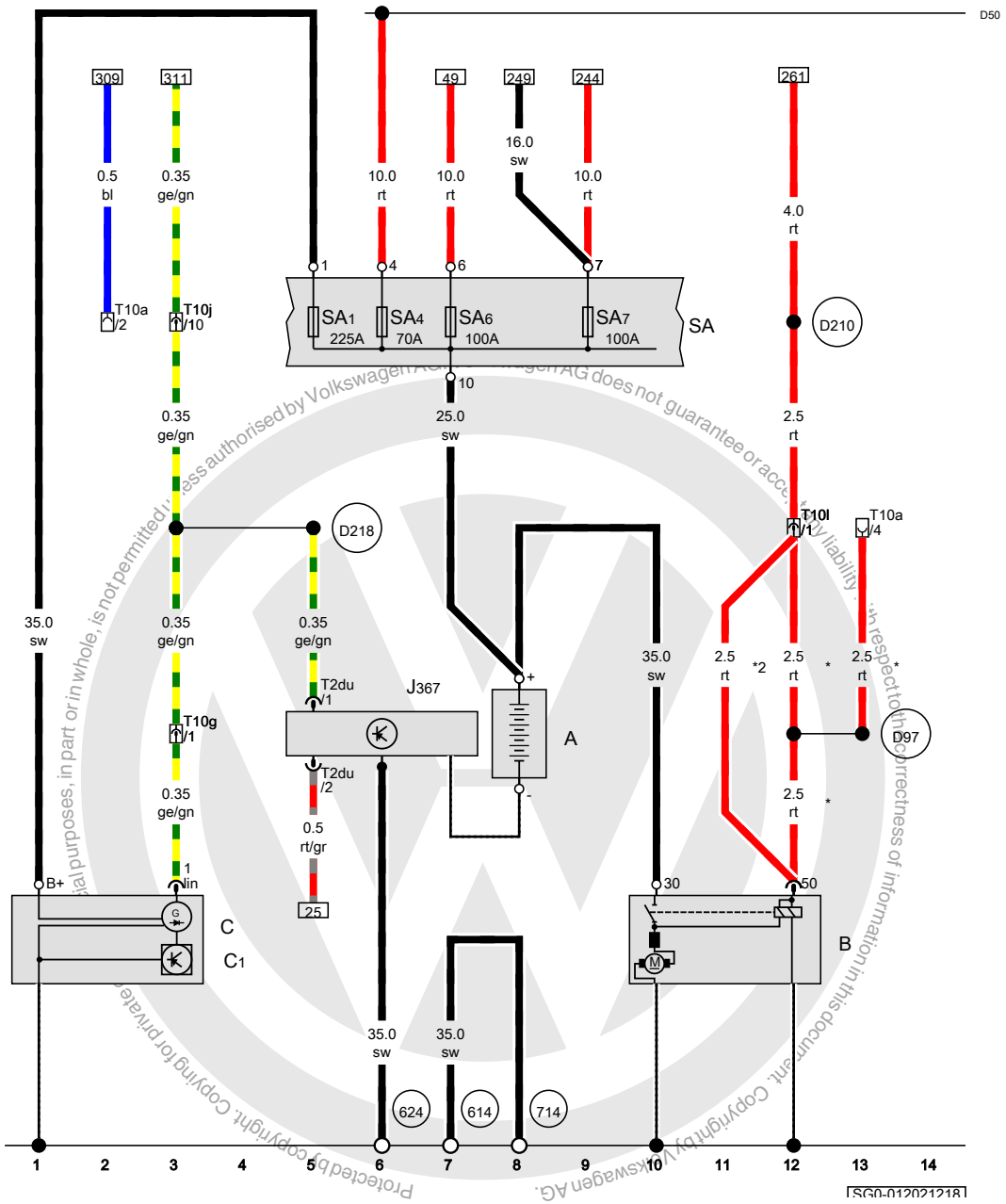

Battery, Starter, Alternator, Voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J367	Battery monitor control unit
SA	Fuse holder A, in E-box in engine compartment
SA1	Fuse 1 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
T2du	2-pin connector, black
T10a	10-pin connector, brown, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T10j	10-pin connector, dark brown, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
614	Earth point 2, on right in engine compartment
624	Earth point, starter battery
714	Earth point on right of engine
D50	Positive connection (30), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D210	Connection (50), in engine compartment wiring harness
D218	Connection 1 (LIN bus) in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox (DSG)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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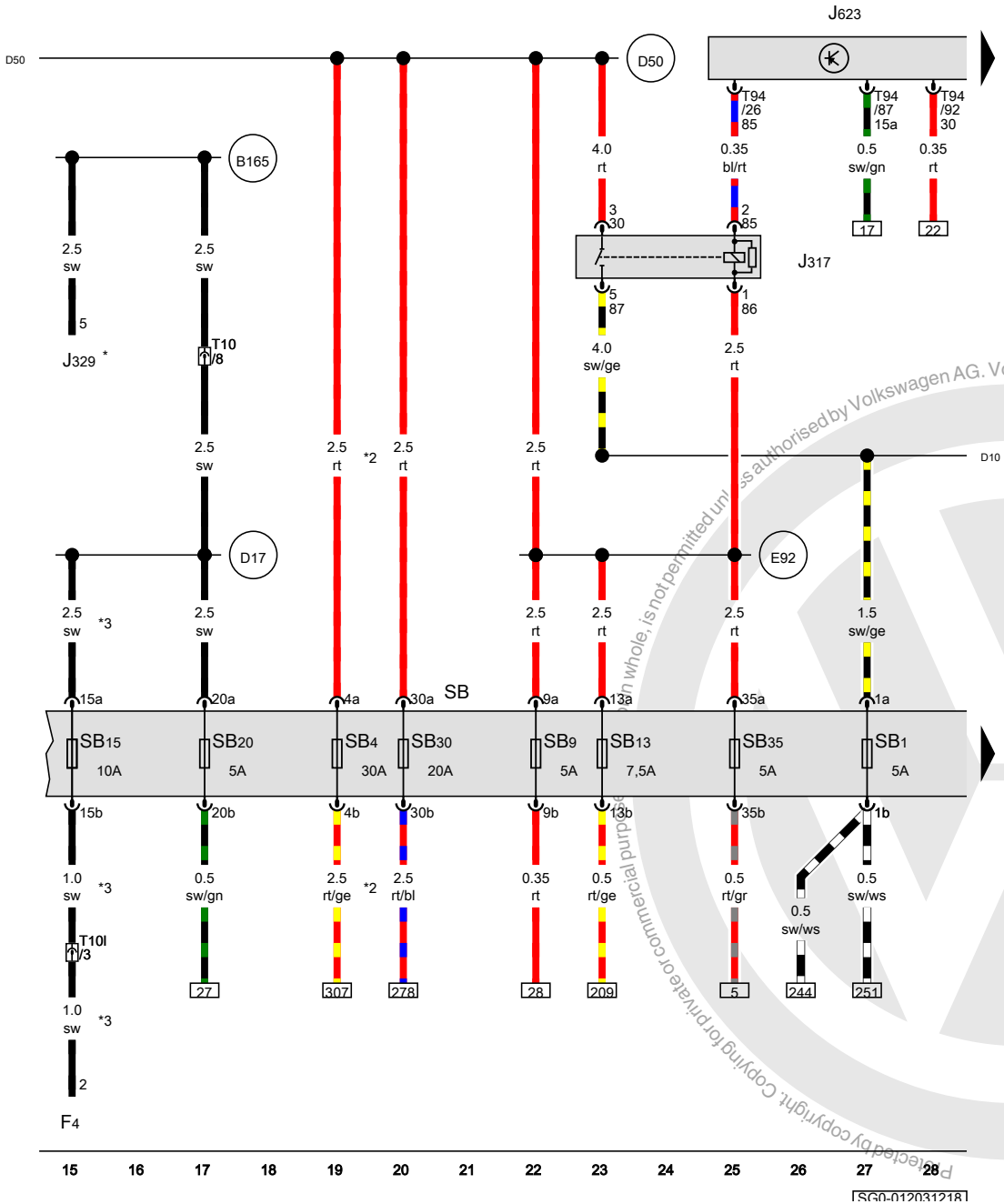

Terminal 30 voltage supply relay, Engine/motor control unit, Fuse holder B

F4	Reversing light switch
J317	Terminal 30 voltage supply relay, in E-box
J329	Terminal 15 voltage supply relay
J623	Engine/motor control unit, in E-box in engine compartment
SB	Fuse holder B, in E-box in engine compartment
SB1	Fuse 1 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB30	Fuse 30 on fuse holder B
SB35	Fuse 35 on fuse holder B
T10	10-pin connector, black, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T94	94-pin connector, black
B165	Positive connection 2 (15), in interior wiring harness
D17	Positive connection 1 (15), in engine harness
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Up to June 2016
*3	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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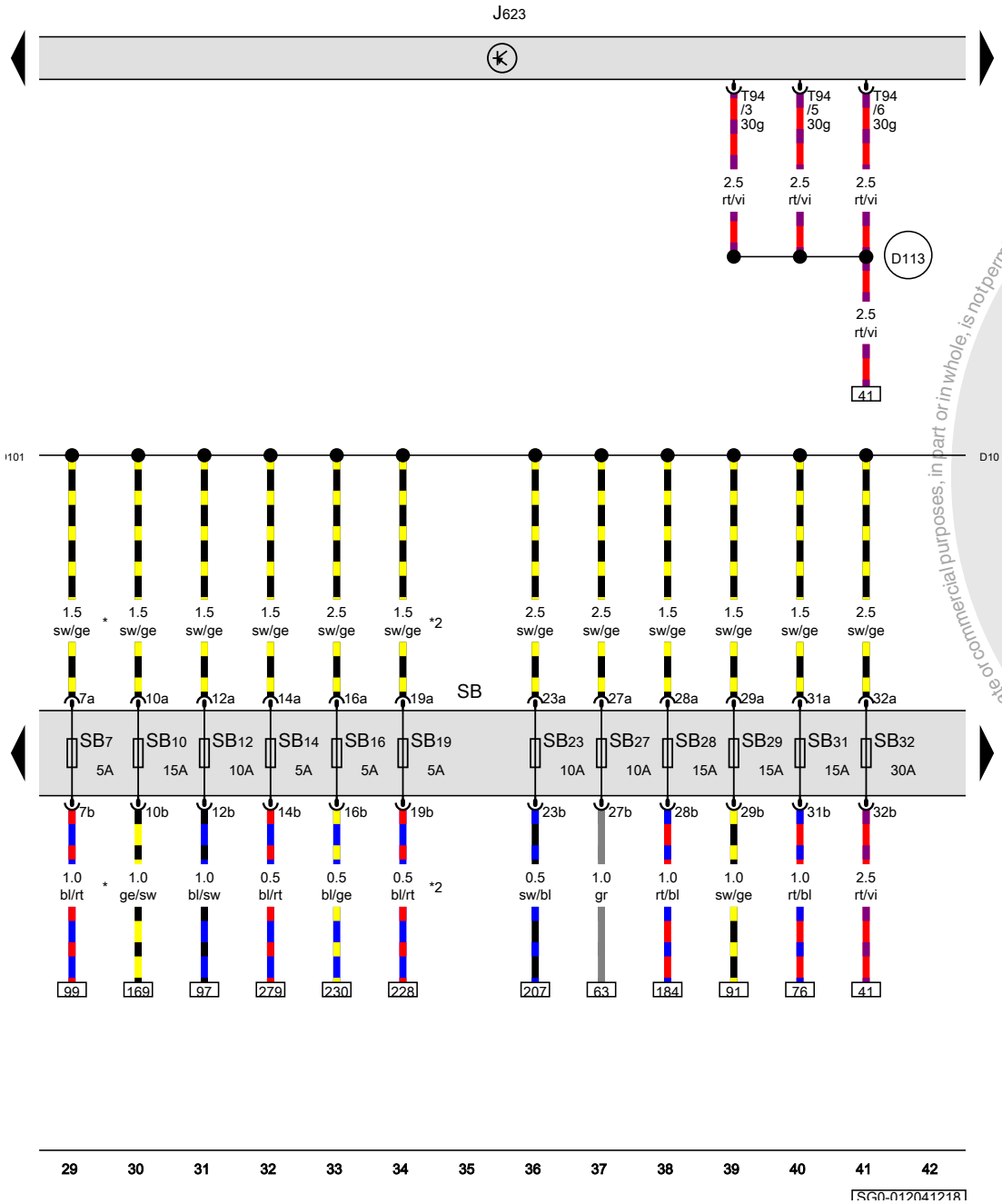

Engine/motor control unit, Fuse holder B

J623	Engine/motor control unit, in E-box in engine compartment
SB	Fuse holder B, in E-box in engine compartment
SB7	Fuse 7 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB19	Fuse 19 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB29	Fuse 29 on fuse holder B
SB31	Fuse 31 on fuse holder B
SB32	Fuse 32 on fuse holder B
T94	94-pin connector, black
D101	Connection 1 in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness
*	For models with crankcase breather heater element
*2	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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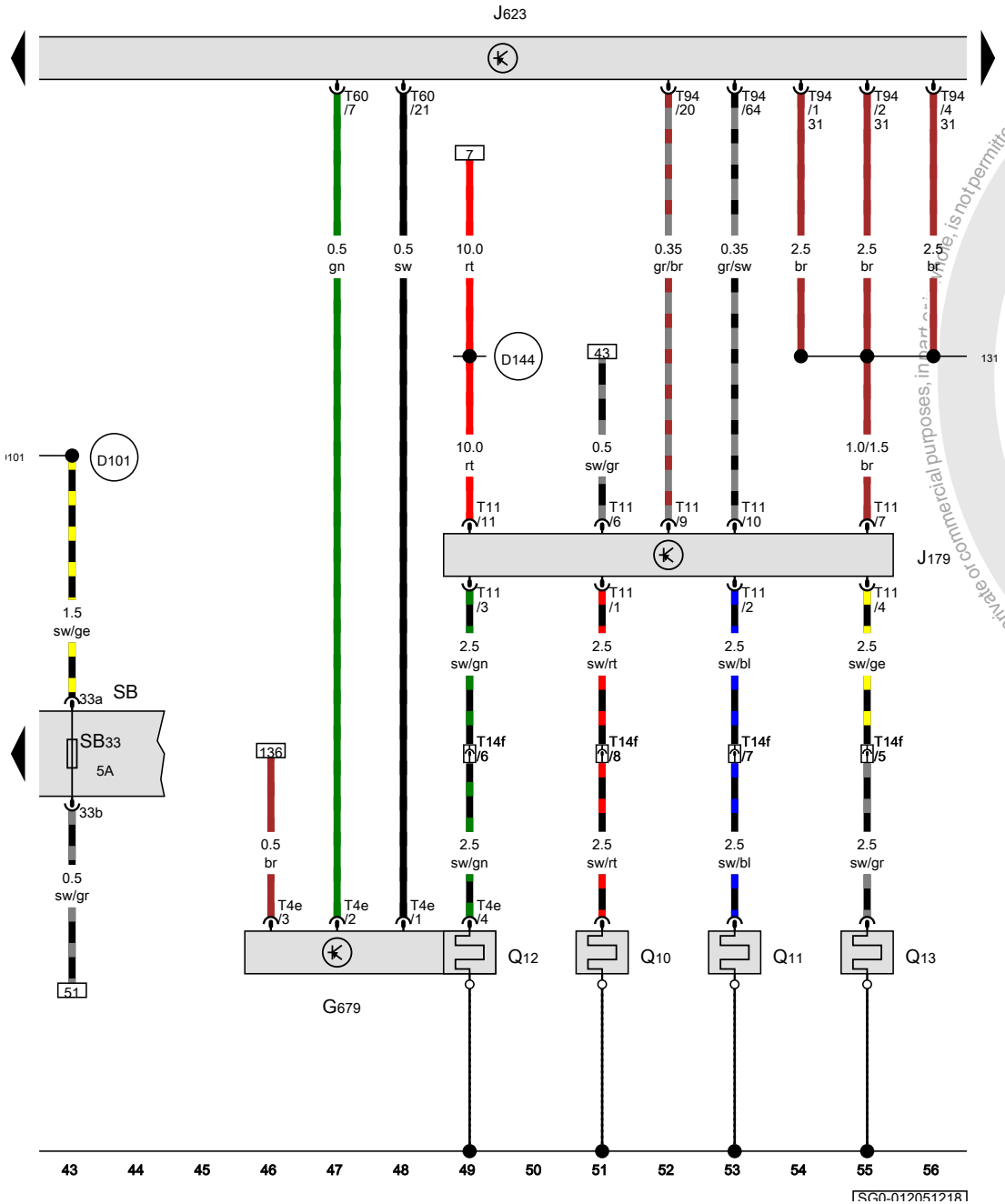

Automatic glow period control unit, Engine/motor control unit, Fuse holder B

G679	Cylinder 3 combustion chamber pressure sender
J179	Automatic glow period control unit, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
SB	Fuse holder B, in E-box in engine compartment
SB33	Fuse 33 on fuse holder B
T4e	4-pin connector, black
T11	11-pin connector, black
T14f	14-pin connector, grey, in E-box in engine compartment, next to relay plate
T60	60-pin connector, black
T94	94-pin connector, black
131	Earth connection 2, in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D144	Positive connection 5 (30), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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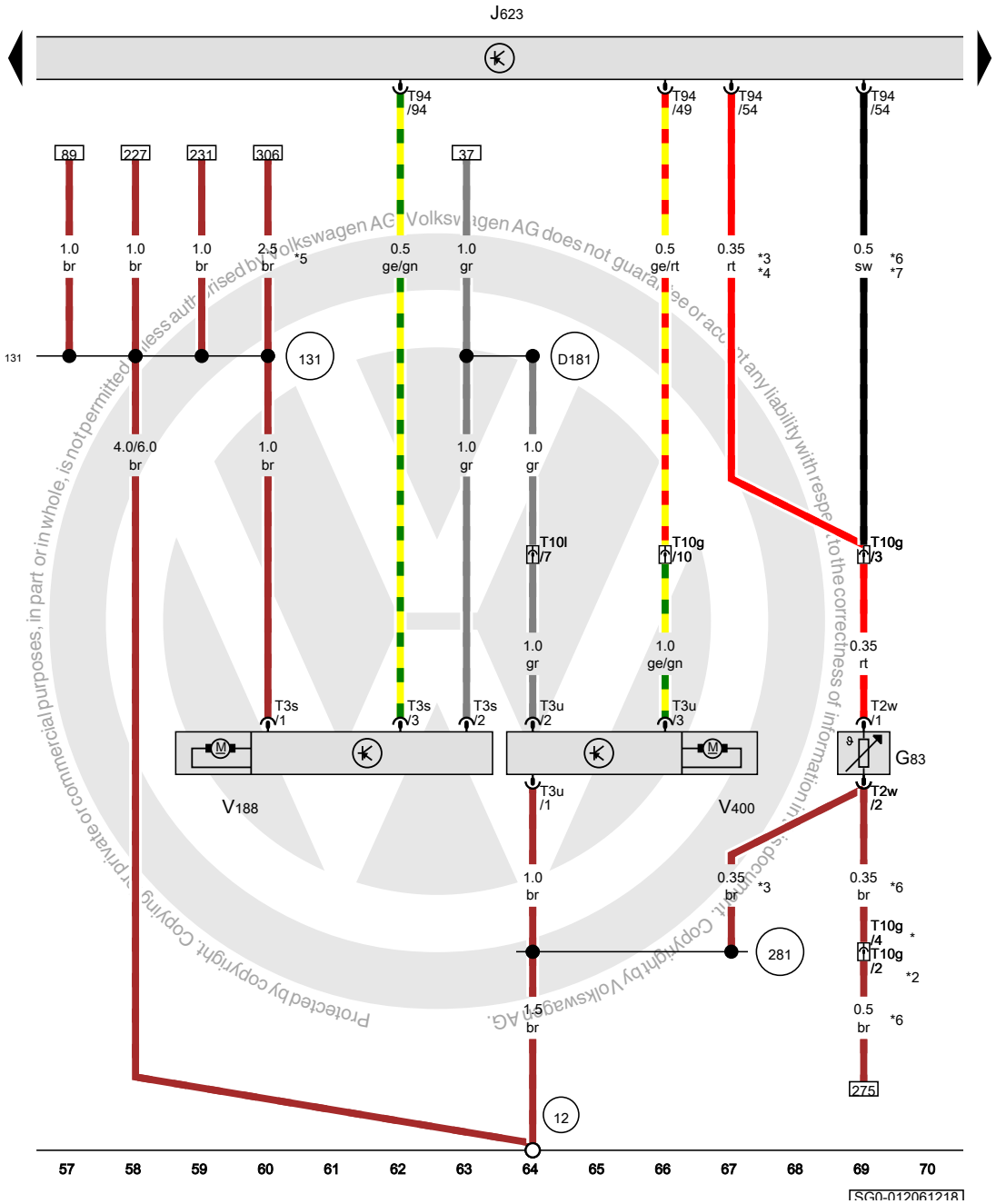

Radiator outlet coolant temperature sender, Engine/motor control unit, Charge air cooling pump, Pump for exhaust gas recirculation cooler

G83	Radiator outlet coolant temperature sender
J623	Engine/motor control unit, in E-box in engine compartment
T2w	2-pin connector, black
T3s	3-pin connector, black
T3u	3-pin connector, black
T10g	10-pin connector, grey, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T94	94-pin connector, black
V188	Charge air cooling pump
V400	Pump for exhaust gas recirculation cooler
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
D181	Connection 2 (87a), in engine compartment wiring harness
*	Gradually discontinued
*2	gradual introduction
*3	Up to November 2016
*4	From January 2017
*5	Up to June 2016
*6	From November 2016
*7	Up to January 2017

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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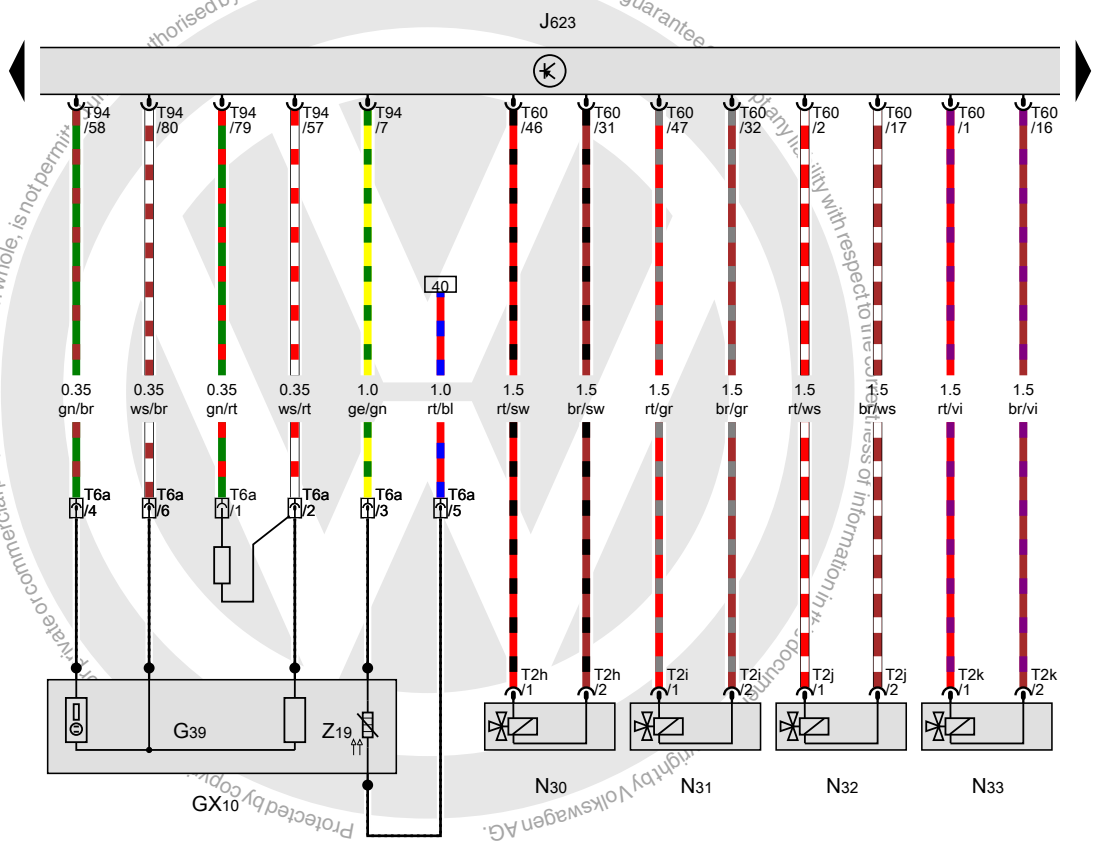

Lambda probe 1 before catalytic converter, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
J623	Engine/motor control unit, in E-box in engine compartment
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2h	2-pin connector, black
T2i	2-pin connector, black
T2j	2-pin connector, black
T2k	2-pin connector, black
T6a	6-pin connector, black, in middle of engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
Z19	Lambda probe heater

71 72 73 74 75 76 77 78 79 80 81 82 83 84

[SG0-012071218]

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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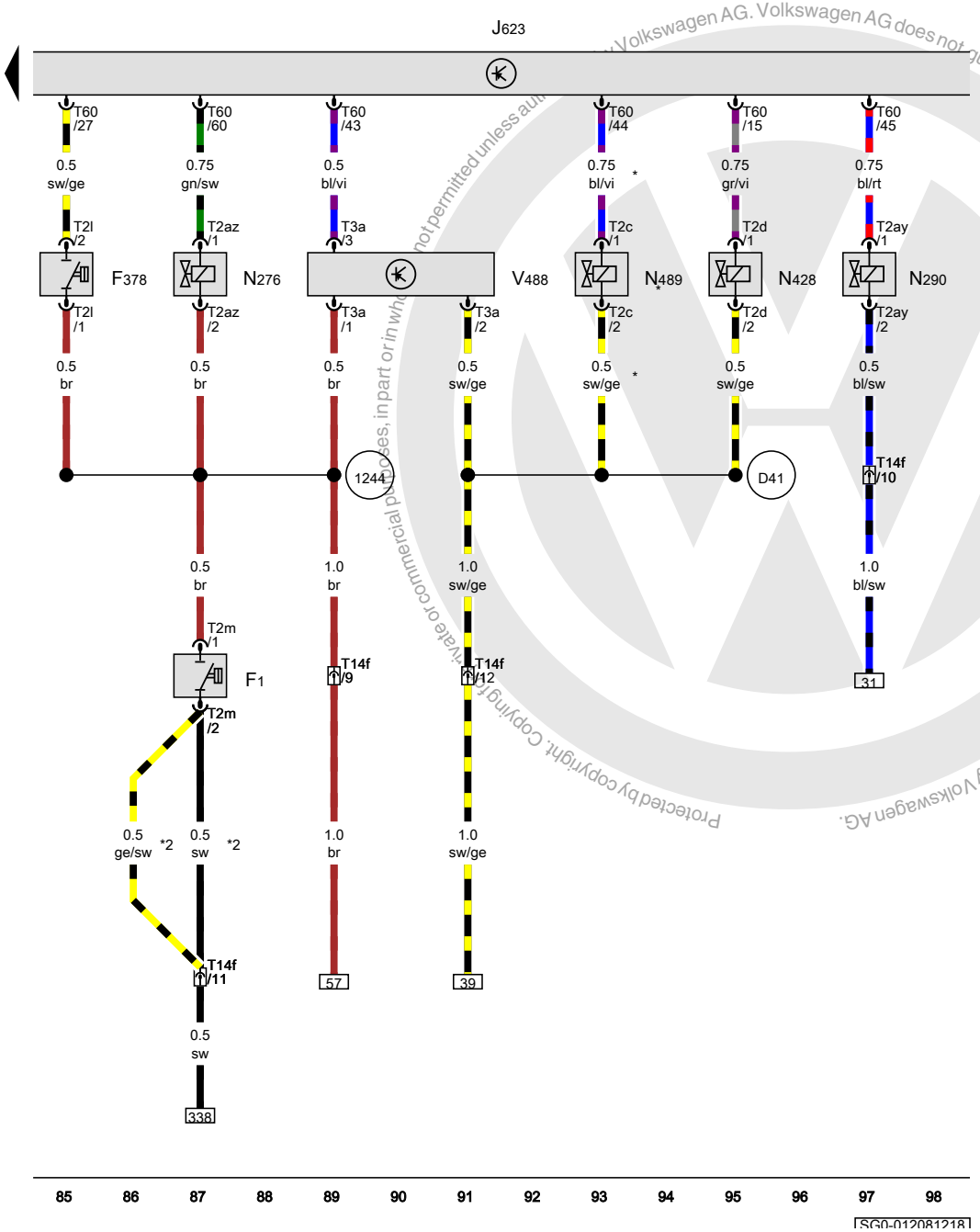

Oil pressure switch, Oil pressure switch for reduced oil pressure, Engine/motor control unit, Fuel pressure regulating valve, Fuel metering valve, Valve for oil pressure control, Coolant valve for cylinder head, Auxiliary pump for heating

F1	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
J623	Engine/motor control unit, in E-box in engine compartment
N276	Fuel pressure regulating valve
N290	Fuel metering valve
N428	Valve for oil pressure control
N489	Coolant valve for cylinder head
T2ay	2-pin connector, black
T2az	2-pin connector, black
T2c	2-pin connector, brown
T2d	2-pin connector, black
T2l	2-pin connector, black
T2m	2-pin connector, red
T3a	3-pin connector, black
T14f	14-pin connector, grey, in E-box in engine compartment, next to relay plate
T60	60-pin connector, black
V488	Auxiliary pump for heating
1244	Earth point 7, engine prewiring harness
D41	Connection 3, in engine prewiring harness
*	Not used
*2	Wiring colour depends on equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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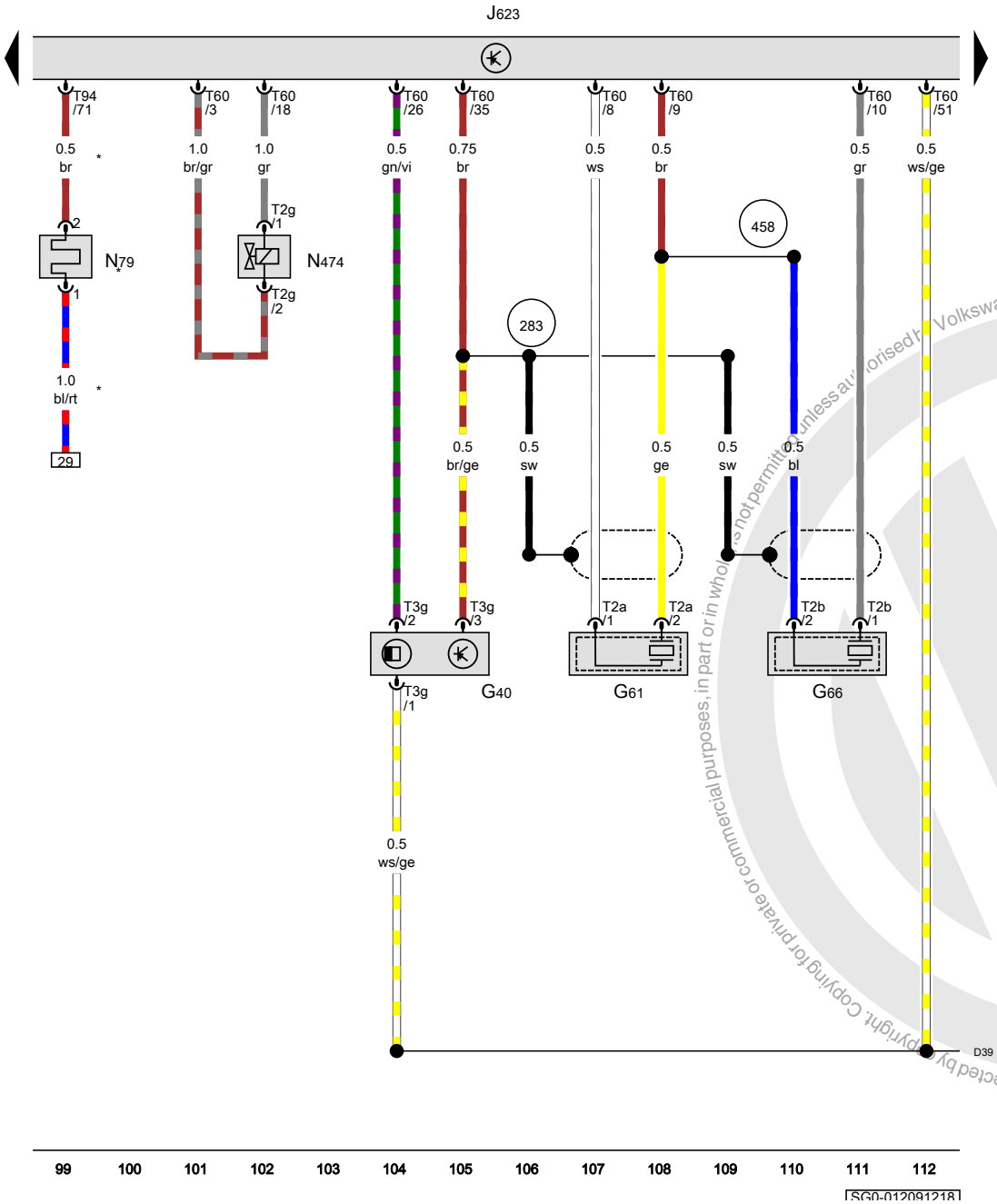

Hall sender, Knock sensor 1, Knock sensor 2, Engine/motor control unit, Heater element for crankcase breather, Injector for reducing agent

G40	Hall sender
G61	Knock sensor 1
G66	Knock sensor 2
J623	Engine/motor control unit, in E-box in engine compartment
N79	Heater element for crankcase breather
N474	Injector for reducing agent
T2a	2-pin connector, black
T2b	2-pin connector, black
T2g	2-pin connector, black
T3g	3-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
283	Earth point 2, engine prewiring harness
458	Earth point 3, engine prewiring harness
D39	Connection 1, in engine prewiring harness
*	For models with crankcase breather heater element

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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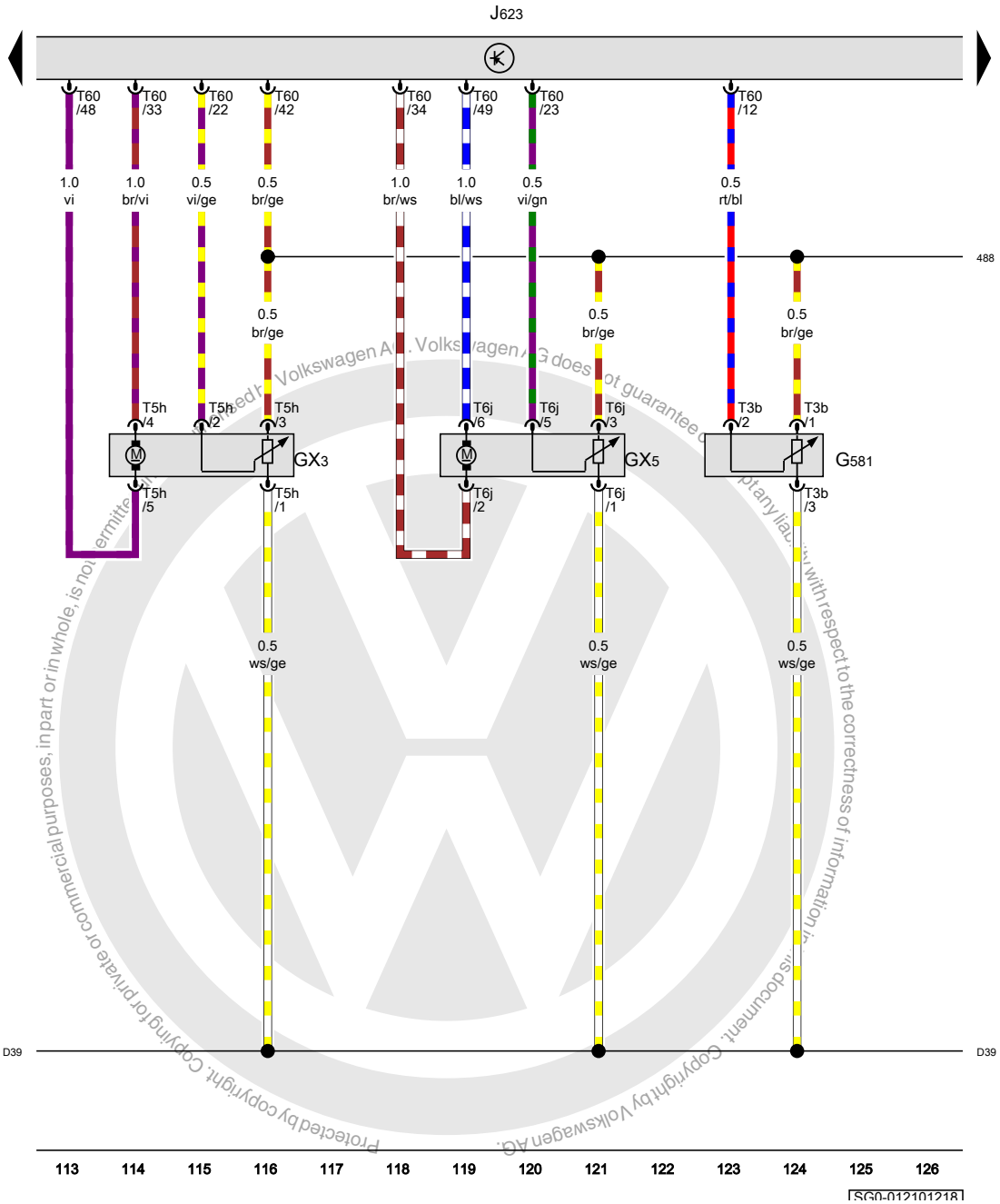

Throttle valve module, Exhaust gas recirculation valve 1, Position sender for charge pressure positioner, Engine/ motor control unit

GX3	Throttle valve module
GX5	Exhaust gas recirculation valve 1
G581	Position sender for charge pressure positioner
J623	Engine/motor control unit, in E-box in engine compartment
T3b	3-pin connector, brown
T5h	5-pin connector, black
T6j	6-pin connector, grey
T60	60-pin connector, black
488	Earth point 6, engine prewiring harness
D39	Connection 1, in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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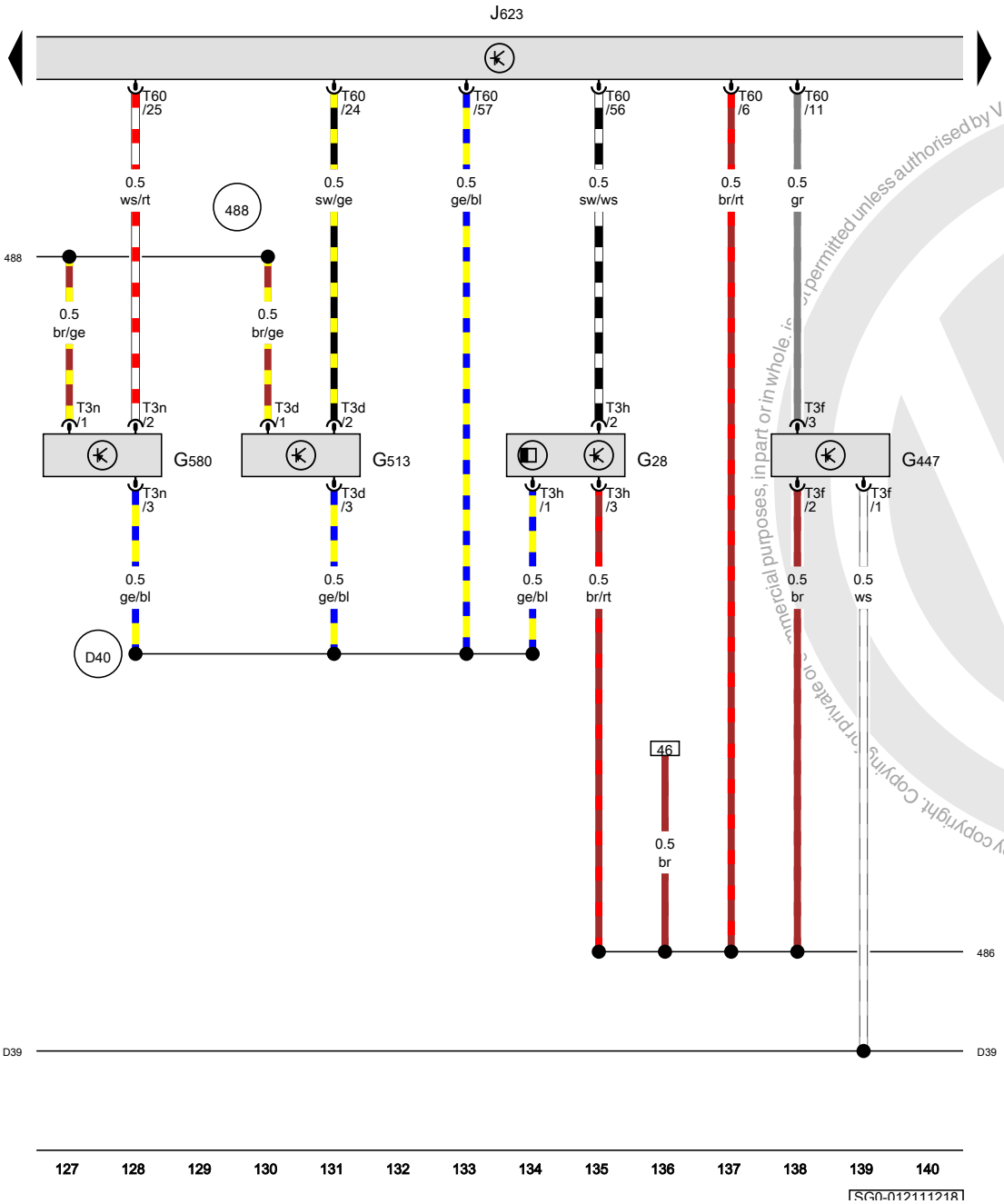
Engine speed sender, Charge pressure sender 2, Variable intake manifold position sender, Position sender 2 for charge pressure positioner, Engine/motor control unit



G28	Engine speed sender
G447	Charge pressure sender 2
G513	Variable intake manifold position sender
G580	Position sender 2 for charge pressure positioner
J623	Engine/motor control unit, in E-box in engine compartment
T3d	3-pin connector, brown
T3f	3-pin connector, black
T3h	3-pin connector, black
T3n	3-pin connector, brown
T60	60-pin connector, black
486	Earth point 4, engine prewiring harness
488	Earth point 6, engine prewiring harness
D39	Connection 1, in engine prewiring harness
D40	Connection 2, in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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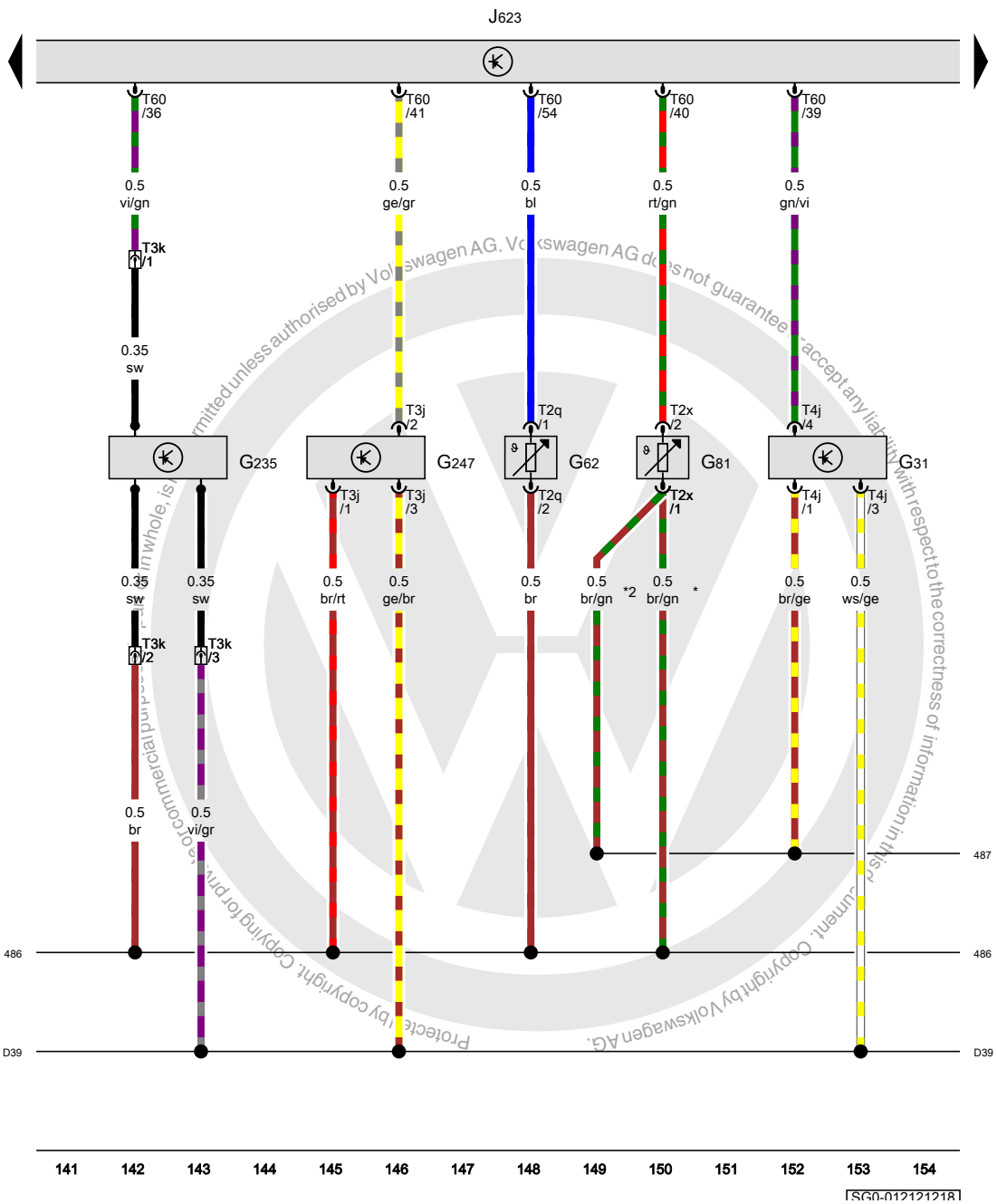

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Charge pressure sender, Coolant temperature sender, Fuel temperature sender, Exhaust gas temperature sender 1, Fuel pressure sender, Engine/motor control unit

G31	Charge pressure sender
G62	Coolant temperature sender
G81	Fuel temperature sender
G235	Exhaust gas temperature sender 1
G247	Fuel pressure sender
J623	Engine/motor control unit, in E-box in engine compartment
T2q	2-pin connector, black
T2x	2-pin connector, black
T3j	3-pin connector, black
T3k	3-pin connector, brown
T4j	4-pin connector, black
T60	60-pin connector, black
486	Earth point 4, engine prewiring harness
487	Earth point 5, engine prewiring harness
D39	Connection 1, in engine prewiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox

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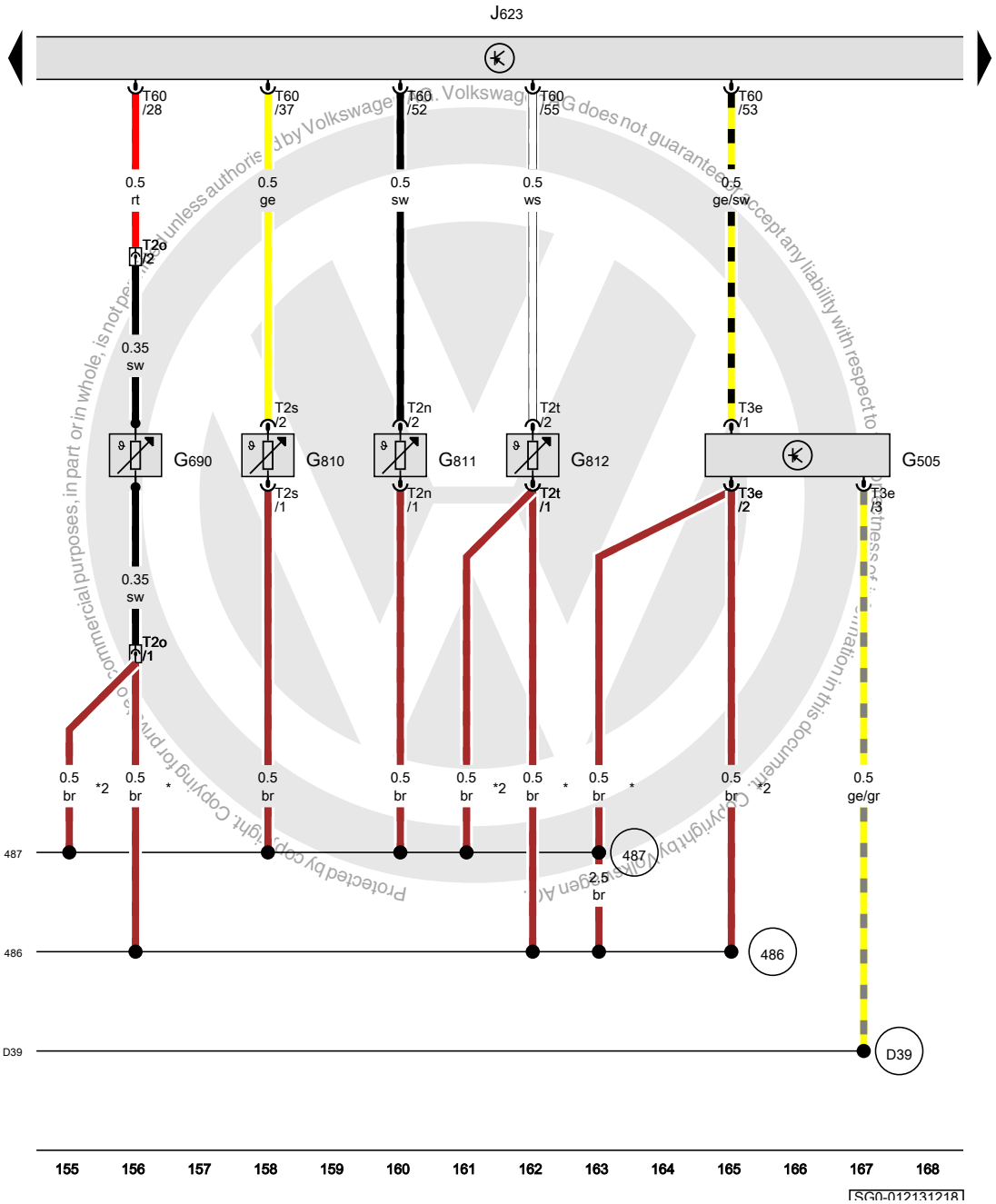

Pressure differential sender, Temperature sensor 2 for exhaust recirculation, Charge air temperature sender before charge air cooler, Charge air temperature sender after charge air cooler, Coolant temperature sender 3, Engine/ motor control unit

G505	Pressure differential sender
G690	Temperature sensor 2 for exhaust recirculation
G810	Charge air temperature sender before charge air cooler
G811	Charge air temperature sender after charge air cooler
G812	Coolant temperature sender 3
J623	Engine/motor control unit, in E-box in engine compartment
T2n	2-pin connector, black
T2o	2-pin connector, brown, in middle of engine compartment
T2s	2-pin connector, black
T2t	2-pin connector, black
T3e	3-pin connector, black
T60	60-pin connector, black
486	Earth point 4, engine prewiring harness
487	Earth point 5, engine prewiring harness
D39	Connection 1, in engine prewiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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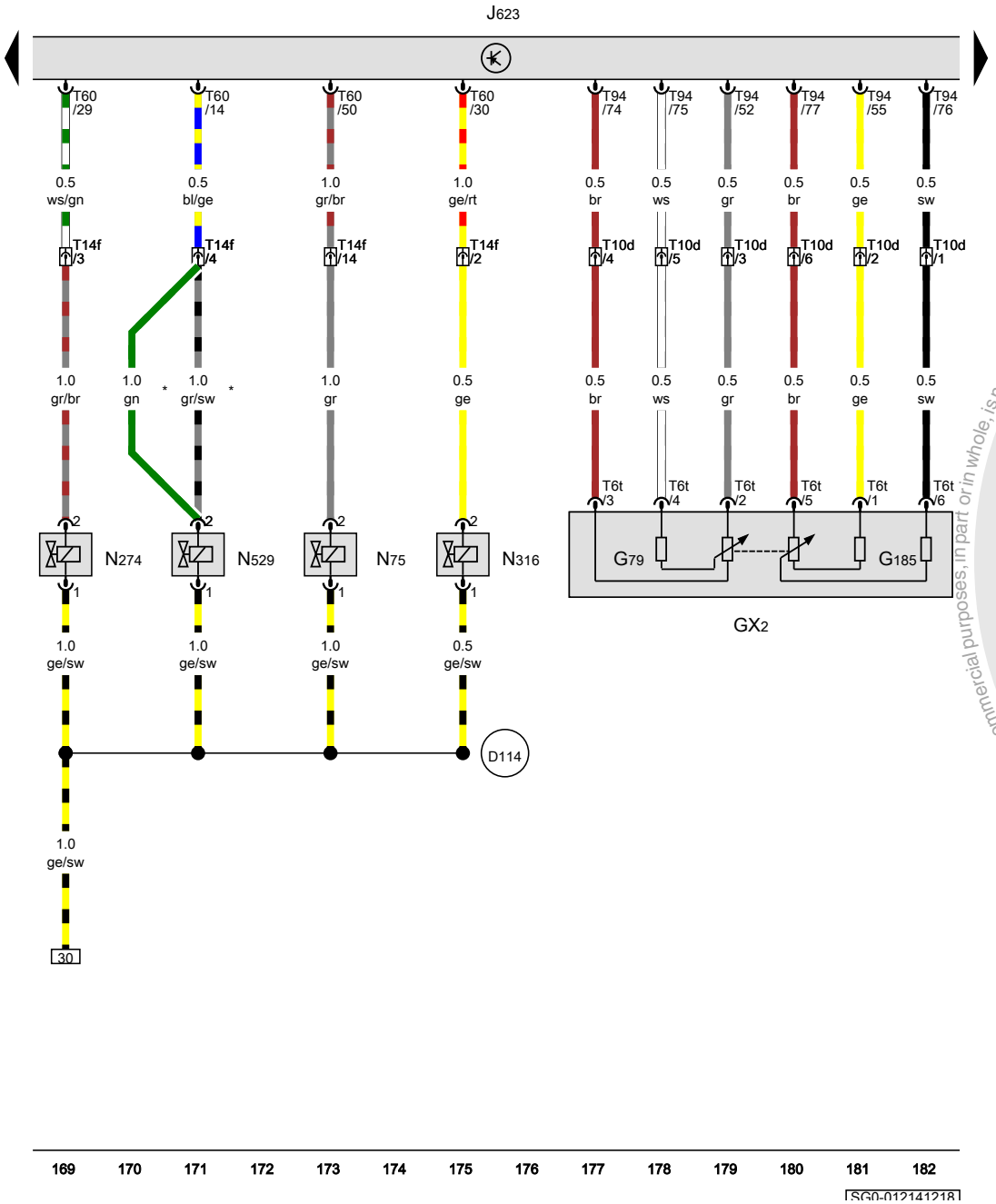

Accelerator pedal module, Accelerator position sender, Accelerator position sender 2, Engine/motor control unit, Charge pressure control solenoid valve, Charge pressure control solenoid valve 2, Intake manifold flap valve, Turbine changeover valve

GX2	Accelerator pedal module
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit, in E-box in engine compartment
N75	Charge pressure control solenoid valve
N274	Charge pressure control solenoid valve 2
N316	Intake manifold flap valve
N529	Turbine changeover valve
T6t	6-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T14f	14-pin connector, grey, in E-box in engine compartment, next to relay plate
T60	60-pin connector, black
T94	94-pin connector, black
D114	Connection 12 in engine compartment wiring harness
*	Wiring colour depends on equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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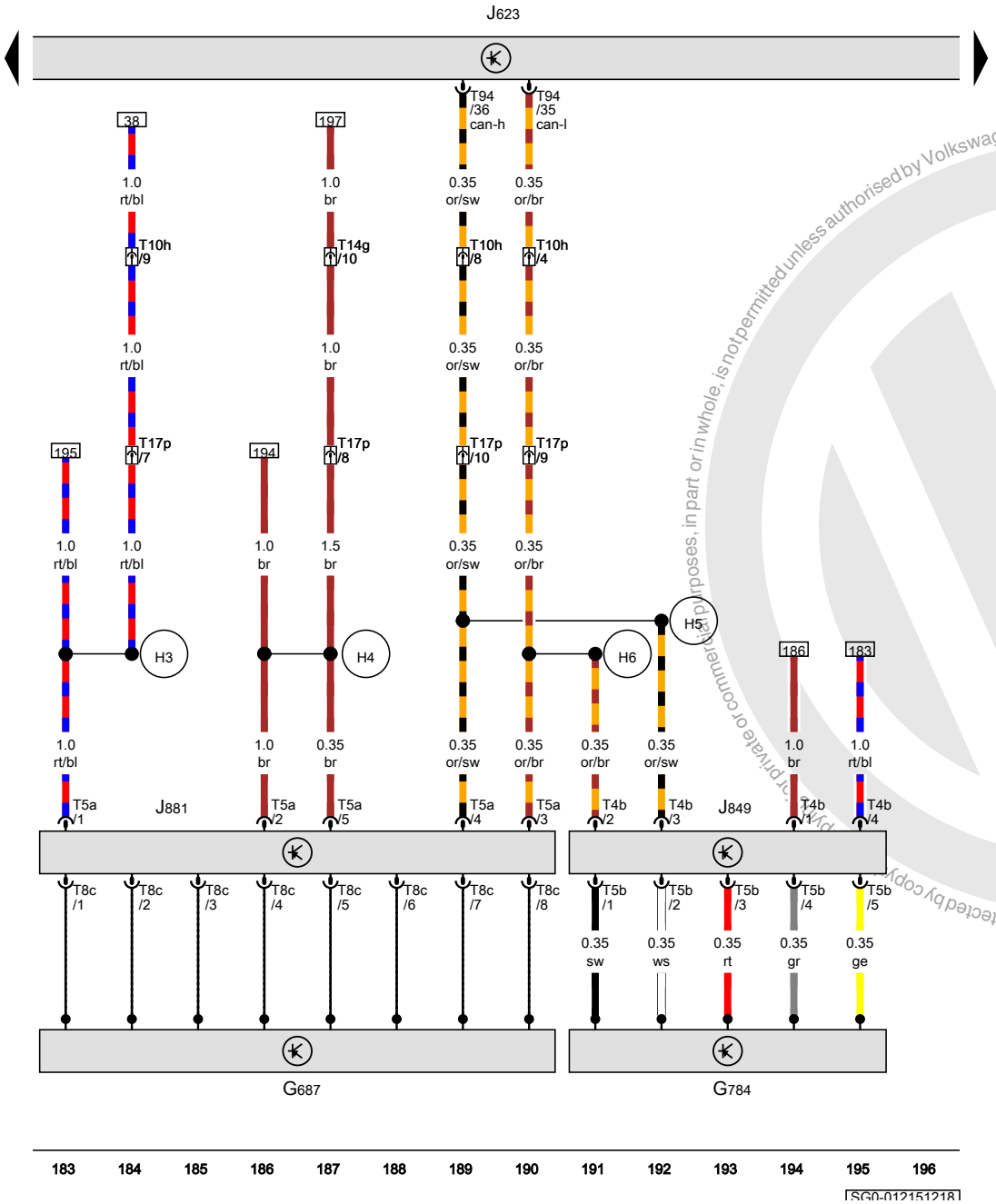

NOx sender 2, Particulate sensor, Engine/motor control unit, Control unit for sensor electronics, Control unit for NOx sender 2

G687	NOx sender 2
G784	Particulate sensor
J623	Engine/motor control unit, in E-box in engine compartment
J849	Control unit for sensor electronics
J881	Control unit for NOx sender 2
T4b	4-pin connector, black
T5a	5-pin connector, black
T5b	5-pin connector, black
T8c	8-pin connector, black
T10h	10-pin connector, orange, in E-box in engine compartment
T14g	14-pin connector, black, near container for additive
T17p	17-pin connector, red, under seat on front left
T94	94-pin connector, black
H3	Connection 1 in wiring harness for reducing agent tank
H4	Connection 2 in wiring harness for reducing agent tank
H5	Connection 3 in wiring harness for reducing agent tank
H6	Connection 4 in wiring harness for reducing agent tank

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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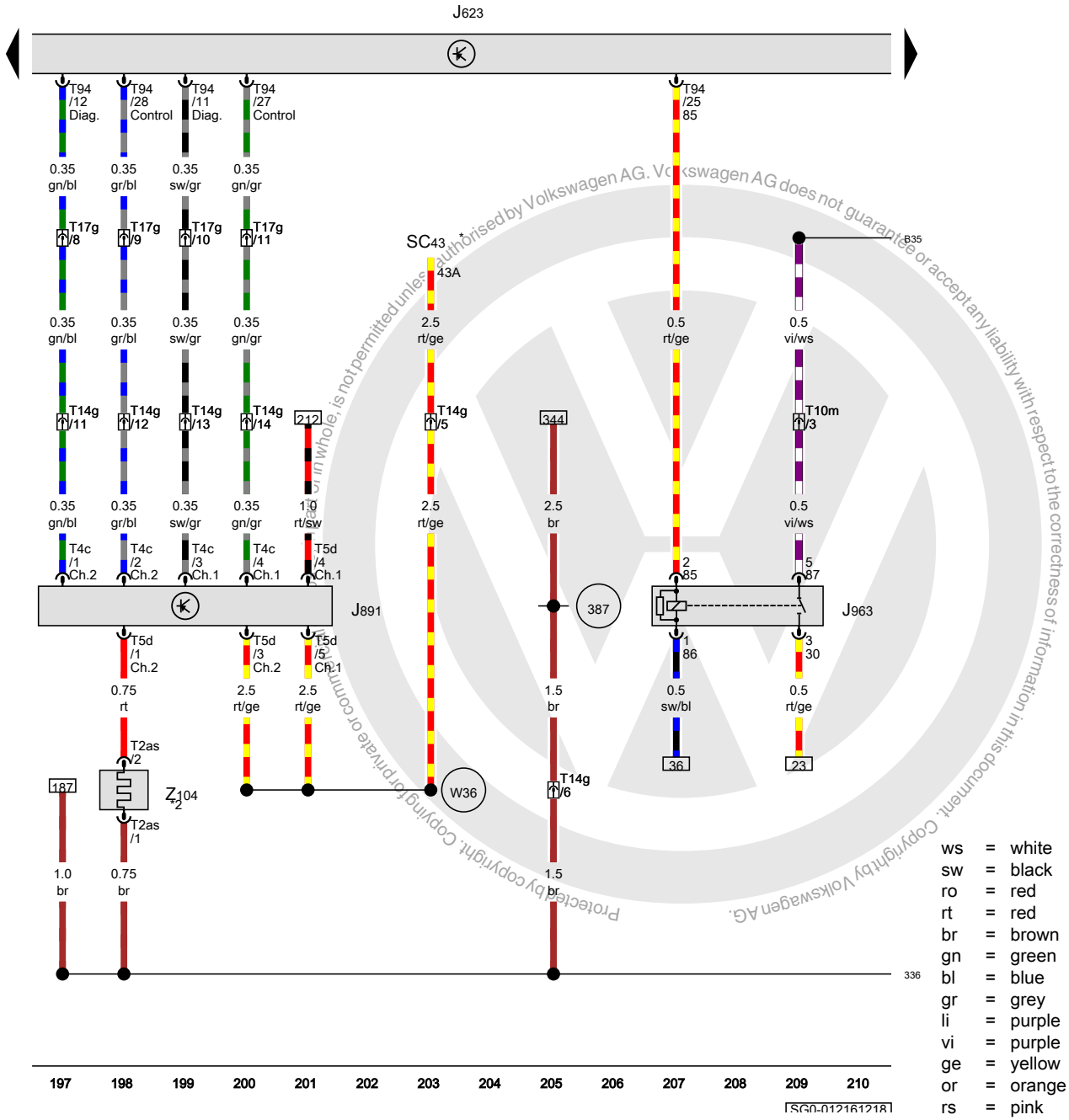

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Engine/motor control unit, Control unit for reducing agent heater, Relay for reducing agent metering system, Fuse 43 on fuse holder C, Heater for reducing agent line (heater circuit 2)

J623	Engine/motor control unit, in E-box in engine compartment
J891	Control unit for reducing agent heater
J963	Relay for reducing agent metering system
SC43	Fuse 43 on fuse holder C
T2as	2-pin connector, black
T4c	4-pin connector, black
T5d	5-pin connector, colourless
T10m	10-pin connector, light pink, in E-box in engine compartment
T14g	14-pin connector, black, near container for additive
T17g	17-pin connector, black, in E-box in engine compartment
T94	94-pin connector, black
Z104	Heater for reducing agent line (heater circuit 2)
336	Earth connection 1, in floor wiring harness
387	Earth connection 22, in main wiring harness
B350	Positive connection 1 (87a) in main wiring harness
W36	Positive connection (30a), in floor wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Pre-wired component

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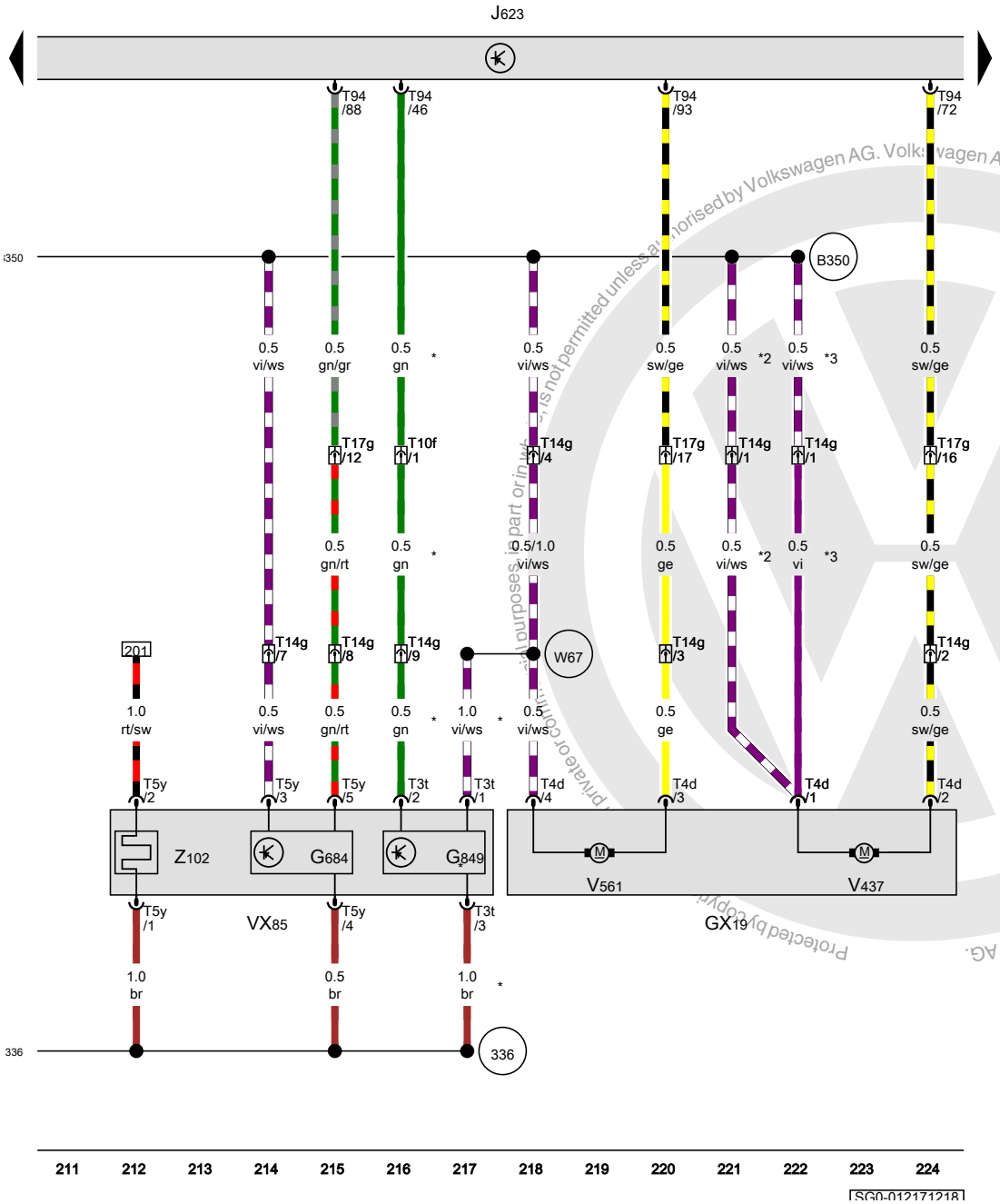

Delivery unit for reducing agent metering system, Engine/motor control unit, Reducing agent tank

GX19	Delivery unit for reducing agent metering system, on reducing-agent tank
G684	Tank sender for reducing agent, in reducing agent tank
G849	Reducing agent quality sensor, in reducing agent tank
J623	Engine/motor control unit, in E-box in engine compartment
T3t	3-pin connector, black
T4d	4-pin connector, black
T5y	5-pin connector, black
T10f	10-pin connector, green, in E-box in engine compartment
T14g	14-pin connector, black, near container for additive
T17g	17-pin connector, black, in E-box in engine compartment
T94	94-pin connector, black
VX85	Reducing agent tank
V437	Pump for reducing agent, on reducing-agent tank
V561	Reducing agent return flow pump, on reducing-agent tank
Z102	Heater for reducing agent tank (heater circuit 1), in reducing agent tank
336	Earth connection 1, in floor wiring harness
B350	Positive connection 1 (87a) in main wiring harness
W67	Connection (87), in floor wiring harness
*	According to equipment
*2	Up to November 2016
*3	From November 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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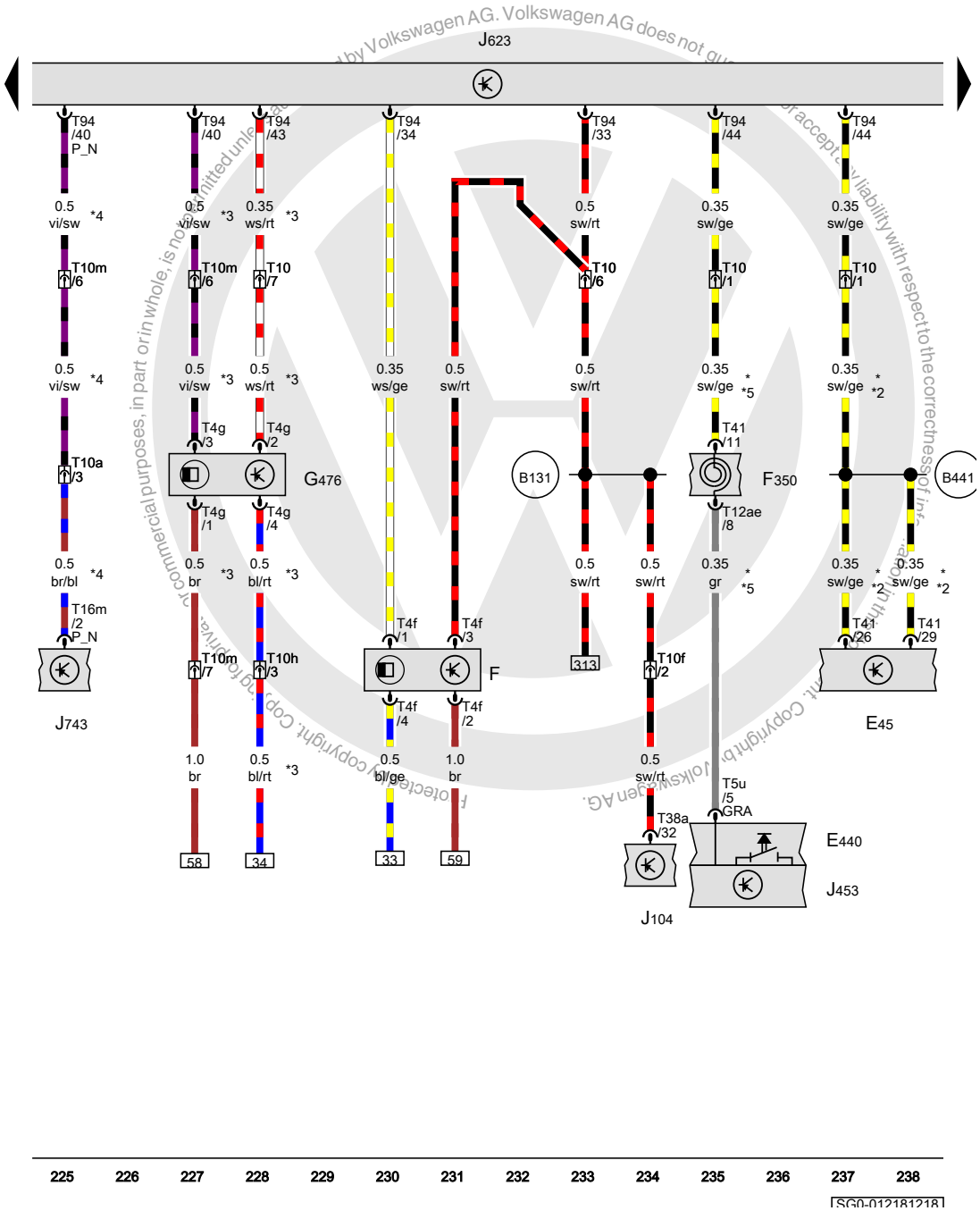
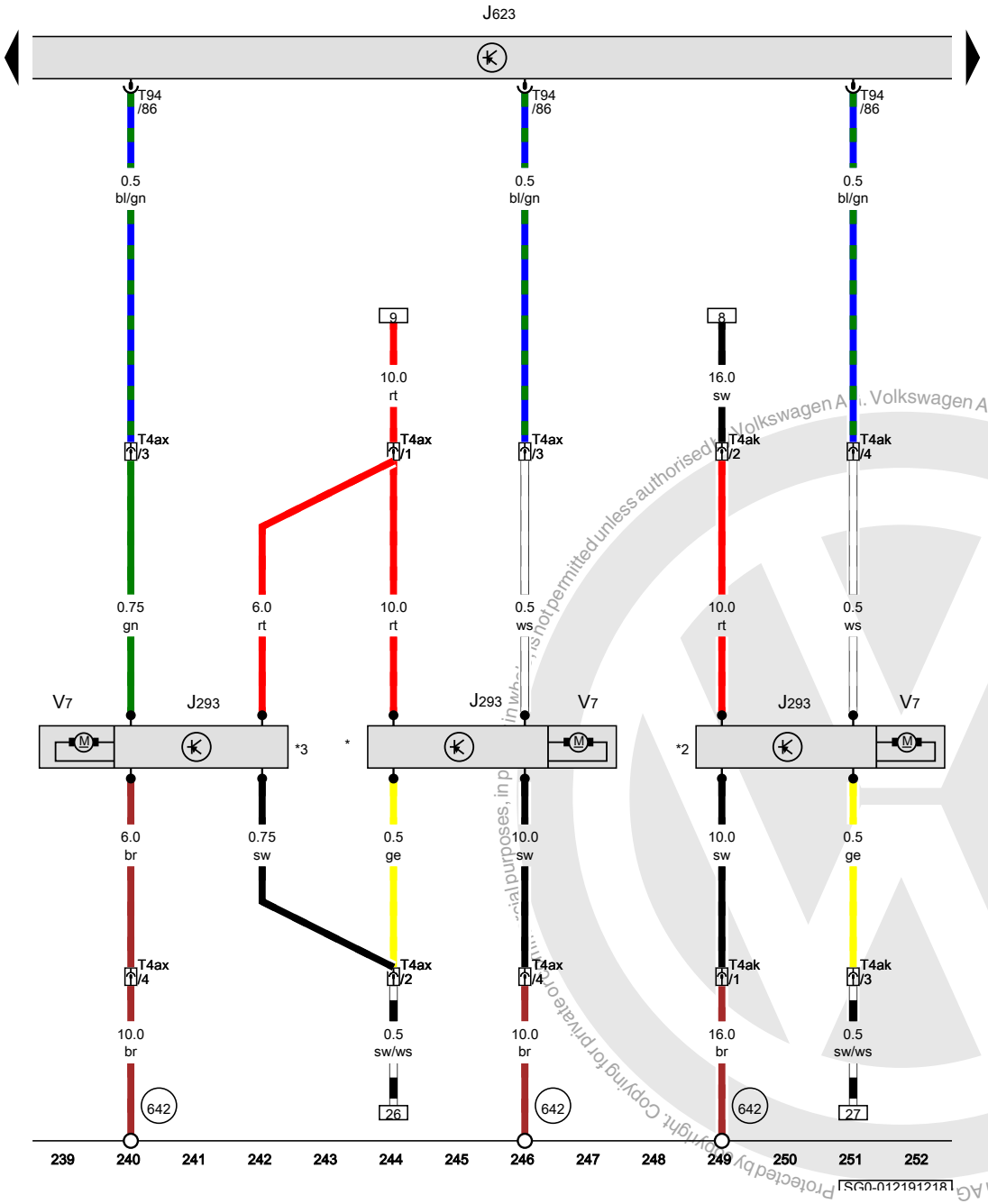


Cruise control system switch, Multifunction buttons on left in steering wheel, Brake light switch, Coil connector, Clutch position sender, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

E45	Cruise control system switch
E440	Multifunction buttons on left in steering wheel
F	Brake light switch, on brake master cylinder
F350	Coil connector, in steering wheel
G476	Clutch position sender
J104	ABS control unit
J453	Multifunction steering wheel control unit
J623	Engine/motor control unit, in E-box in engine compartment
J743	Mechatronic unit for dual clutch gearbox
T4f	4-pin connector, black
T4g	4-pin connector, black
T5u	5-pin connector, black
T10	10-pin connector, black, in E-box in engine compartment
T10a	10-pin connector, brown, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T12ae	12-pin connector, yellow
T16m	16-pin connector, black
T38a	38-pin connector, black
T41	41-pin connector, grey
T94	94-pin connector, black
B131	Connection (54), in interior wiring harness
B441	Connection (CCS), in main wiring harness
*	For models with cruise control system
*2	For models with no multifunction steering wheel
*3	For models with manual gearbox
*4	For models with dual clutch gearbox
*5	For models with multifunction steering wheel

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Radiator fan control unit, Engine/motor control unit



J293	Radiator fan control unit
J623	Engine/motor control unit, in E-box in engine compartment
T4ak	4-pin connector, black, near radiator fan
T4ax	4-pin connector, black, near radiator fan
T94	94-pin connector, black
V7	Radiator fan
642	Earth point for electronically controlled fan
*	For models with medium fan output
*2	For models with increased fan output
*3	For models with low fan output

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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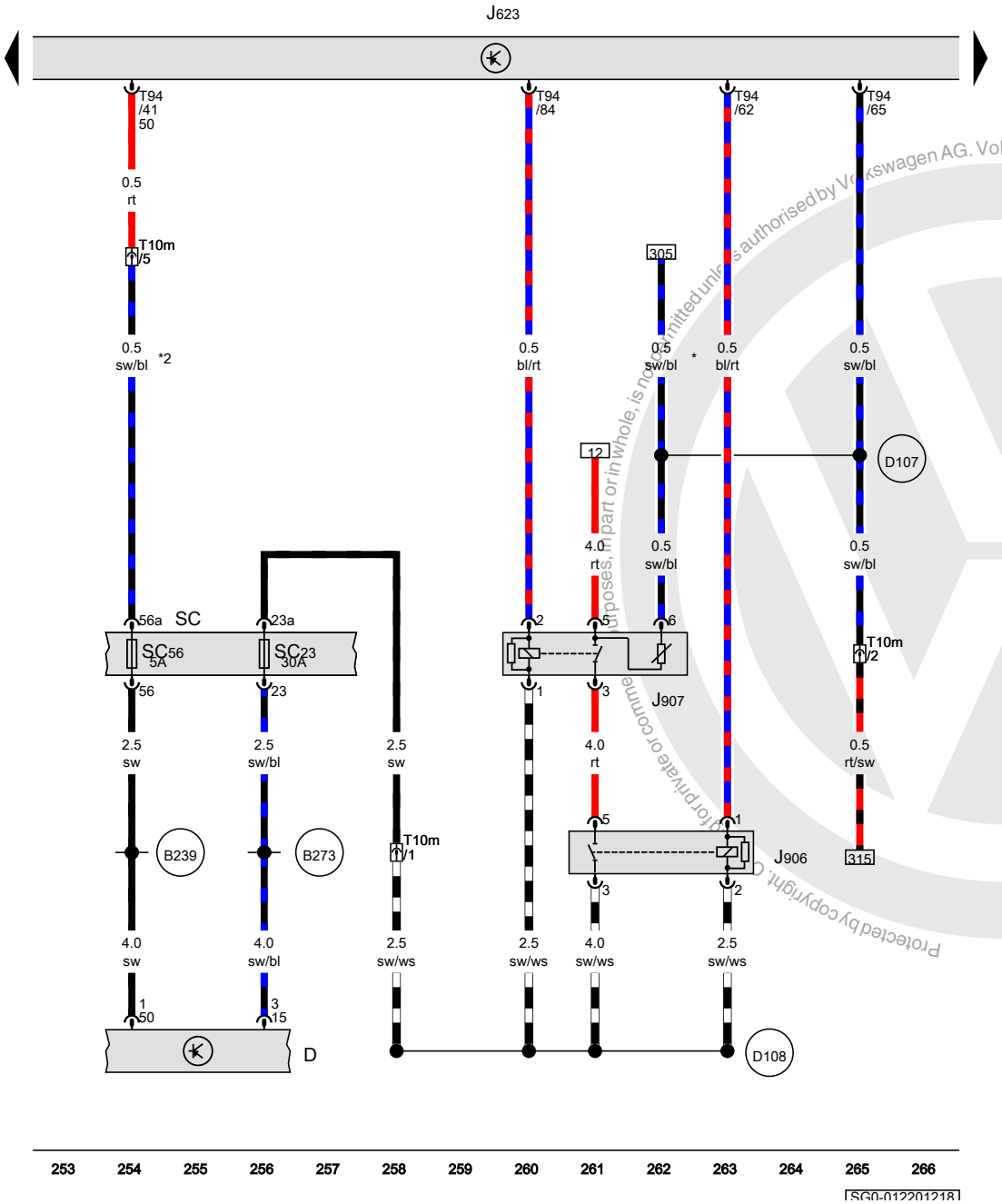
Ignition/starter switch, Engine/motor control unit, Fuse 23 on fuse holder C, Fuse 56 on fuse holder C



D	Ignition/starter switch
J623	Engine/motor control unit, in E-box in engine compartment
J906	Starter relay 1, in E-box in engine compartment
J907	Starter relay 2, in E-box in engine compartment
SC	Fuse holder C, in centre of dash panel
SC23	Fuse 23 on fuse holder C
SC56	Fuse 56 on fuse holder C
T10m	10-pin connector, light pink, in E-box in engine compartment
T94	94-pin connector, black
B239	Positive connection 1 (50), in interior wiring harness
B273	Positive connection (15), in main wiring harness
D107	Connection 5 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
*	Up to June 2016
*2	For models with no electric interface

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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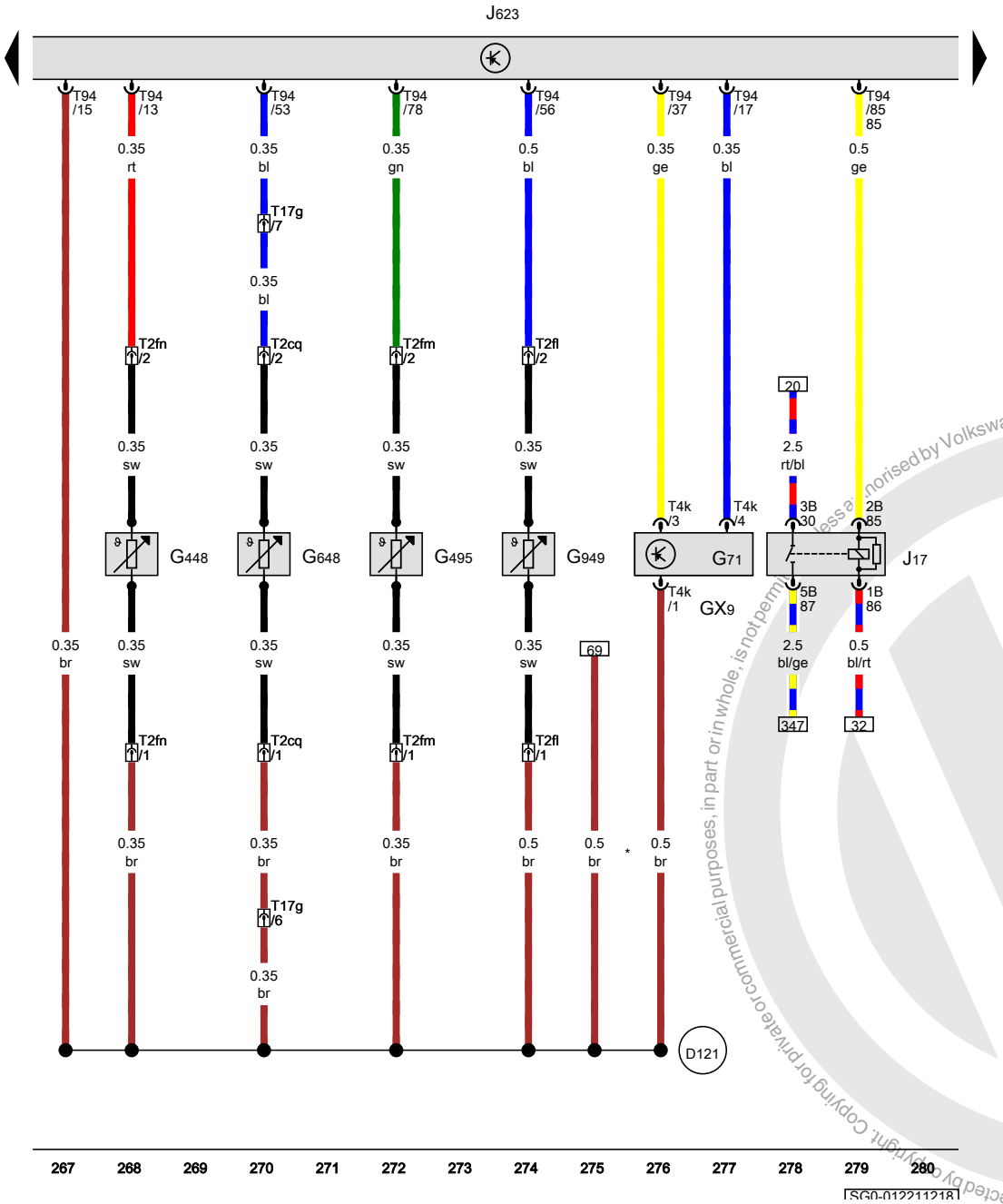

Intake manifold sender, Exhaust gas temperature sender 2, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Temperature sensor 3 for exhaust recirculation, Fuel pump relay, Engine/motor control unit

GX9	Intake manifold sender
G71	Intake manifold pressure sender
G448	Exhaust gas temperature sender 2
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
G949	Temperature sensor 3 for exhaust recirculation
J17	Fuel pump relay, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
T2cq	2-pin connector, light brown, on underbody, near cross panel
T2fl	2-pin connector, light brown, on underbody, near cross panel
T2fm	2-pin connector, brown, on underbody, near cross panel
T2fn	2-pin connector, black, on right in engine compartment
T4k	4-pin connector, black
T17g	17-pin connector, black, in E-box in engine compartment
T94	94-pin connector, black
D121	Connection 19 in engine compartment wiring harness
*	From November 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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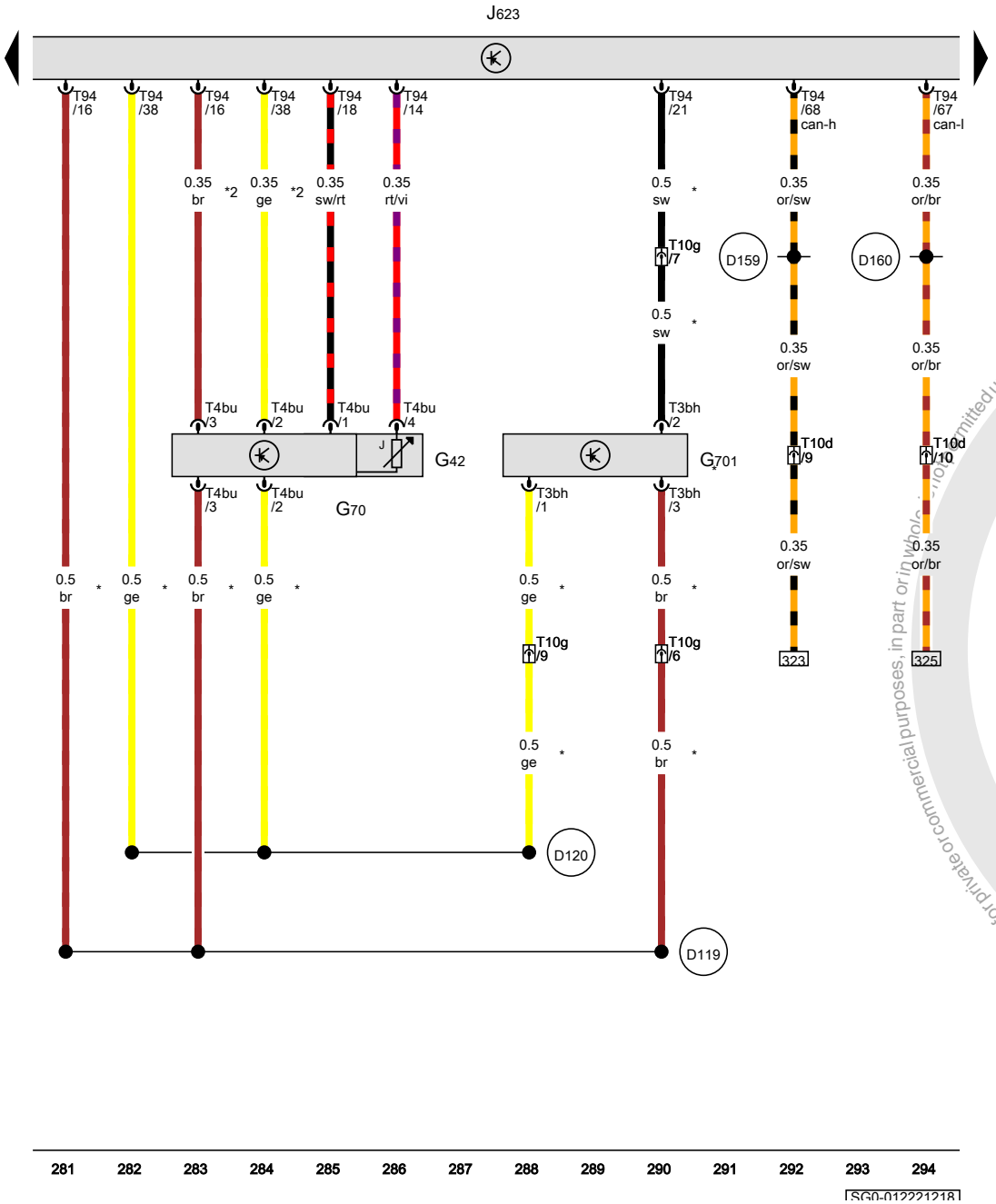

Intake air temperature sender, Air mass meter, Gearbox neutral position sender, Engine/motor control unit

G42	Intake air temperature sender
G70	Air mass meter
G701	Gearbox neutral position sender
J623	Engine/motor control unit, in E-box in engine compartment
T3bh	3-pin connector, black
T4bu	4-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T94	94-pin connector, black
D119	Connection 17 in engine compartment wiring harness
D120	Connection 18 in engine compartment wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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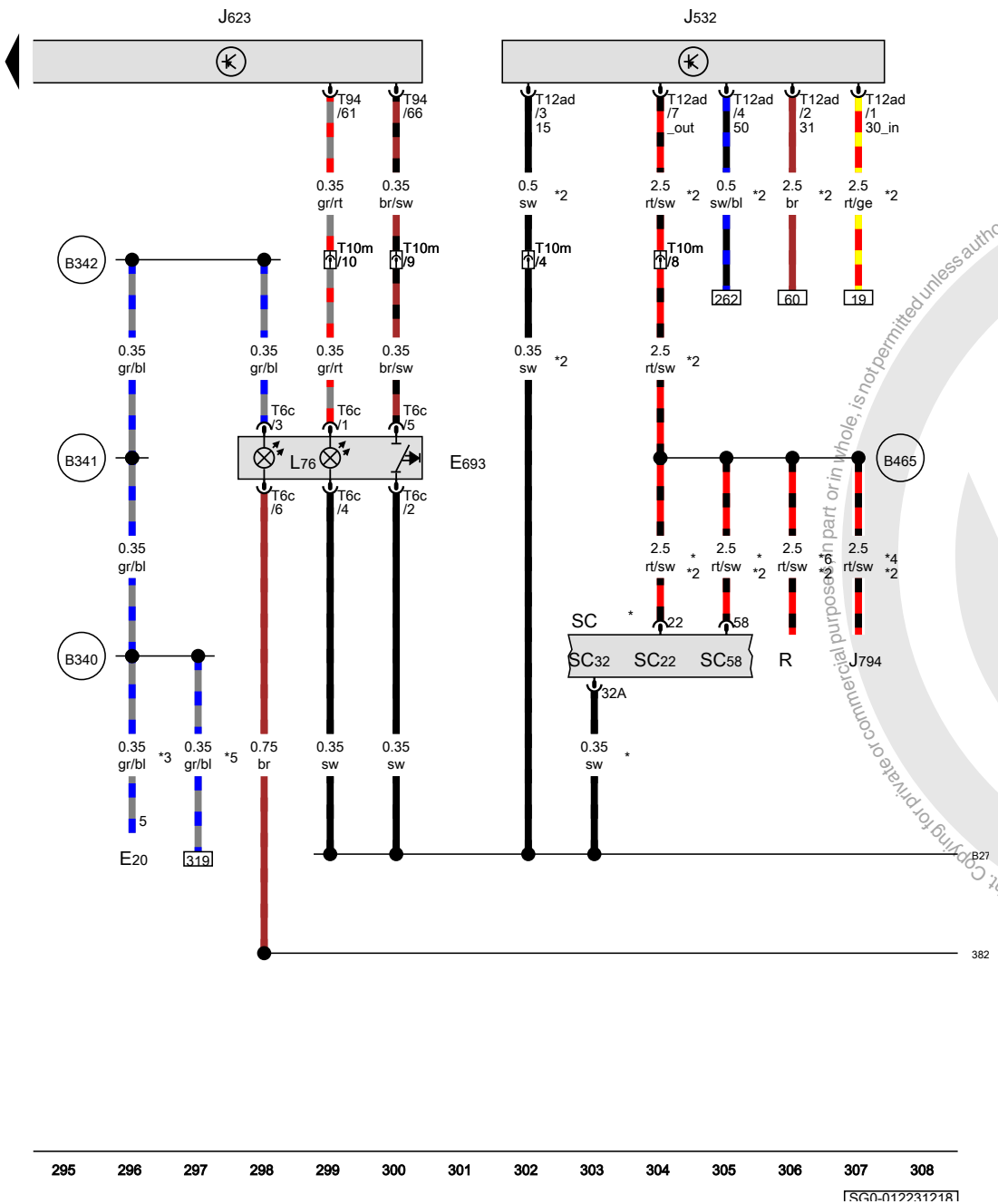

Start/Stop operation button, Voltage stabiliser, Engine/ motor control unit, Fuse holder C

E20	Switch and instrument illumination regulator
E693	Start/Stop operation button
J532	Voltage stabiliser, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
J794	Control unit 1 for information electronics
L76	Button illumination bulb
R	Radio
SC	Fuse holder C, in centre of dash panel
SC22	Fuse 22 on fuse holder C
SC32	Fuse 32 on fuse holder C
SC58	Fuse 58 on fuse holder C
T6c	6-pin connector, white
T10m	10-pin connector, light pink, in E-box in engine compartment
T12ad	12-pin connector, black
T94	94-pin connector, black
382	Earth connection 17, in main wiring harness
B277	Positive connection 1 (15a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B342	Connection 3 (58d), in main wiring harness
B465	Connection 1, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Up to June 2016
*3	For models with dimmable instrument illumination
*4	see applicable current flow diagram for radio/ radio navigation system
*5	For models with no dimmable instrument illumination
*6	For models with preparation for radio

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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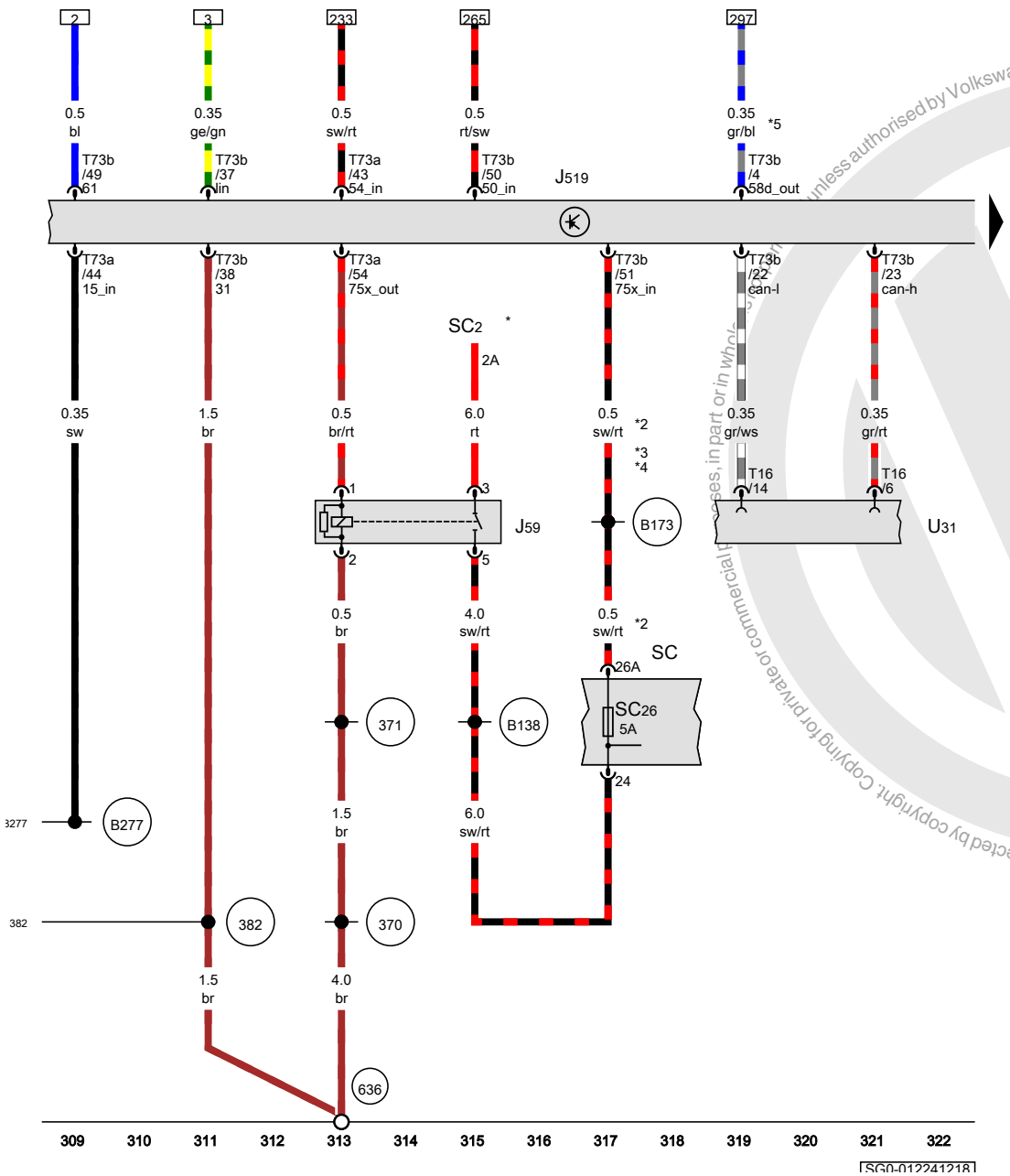
X-contact relief relay, Onboard supply control unit, Fuse 26 on fuse holder C, Diagnostic connection



J59	X-contact relief relay
J519	Onboard supply control unit
SC	Fuse holder C, in centre of dash panel
SC2	Fuse 2 on fuse holder C
SC26	Fuse 26 on fuse holder C
T16	16-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
U31	Diagnostic connection
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
382	Earth connection 17, in main wiring harness
636	Earth point, onboard supply control unit
B138	Positive connection (X), in interior wiring harness
B173	Positive connection 2 (X), in interior wiring harness
B277	Positive connection 1 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Up to June 2016
*3	From June 2016
*4	For models with special police equipment
*5	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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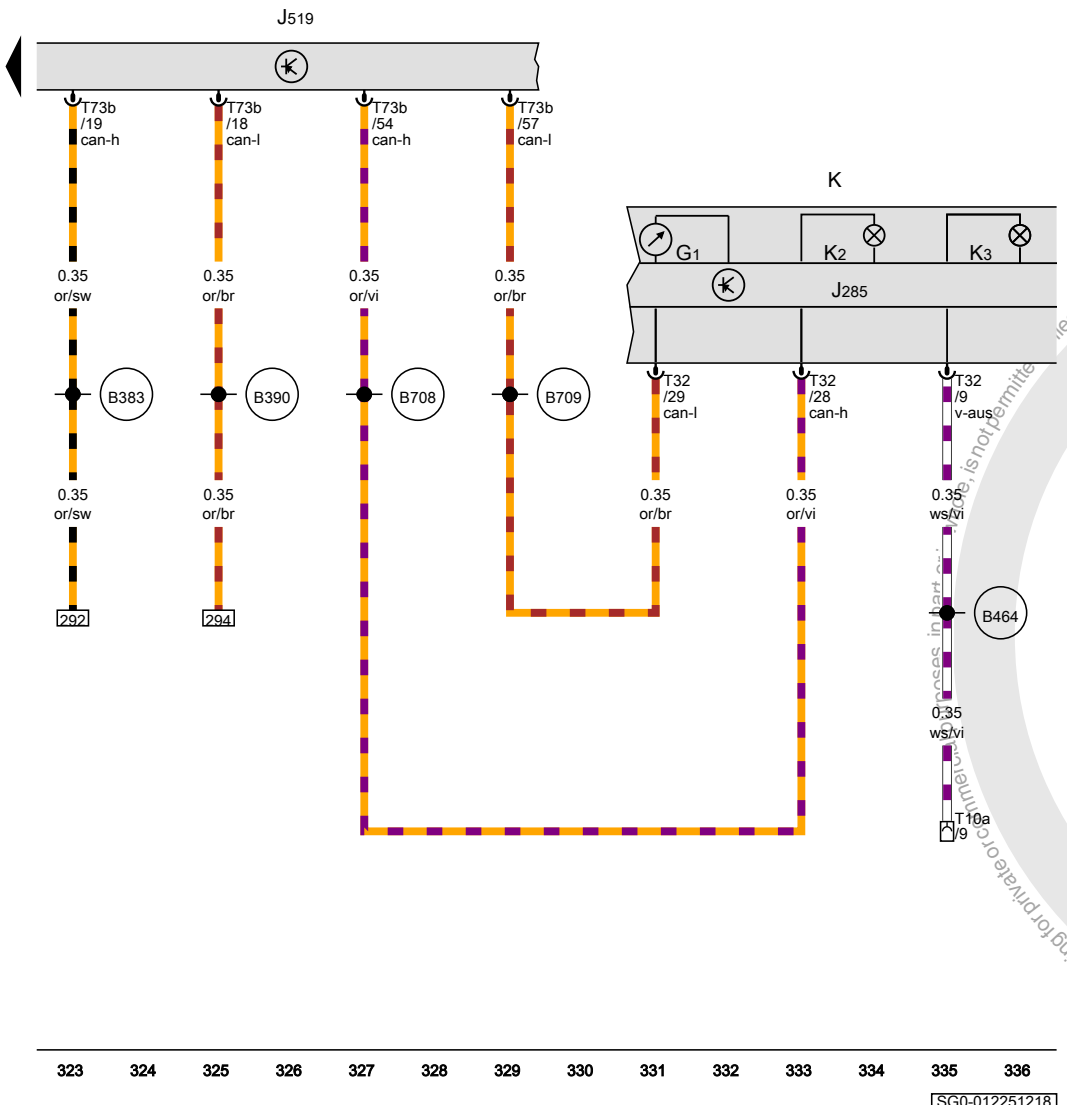
Fuel gauge, Onboard supply control unit, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp

G1	Fuel gauge
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
T10a	10-pin connector, brown, in E-box in engine compartment
T32	32-pin connector, blue
T73b	73-pin connector, white
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B464	Connection (speed signal), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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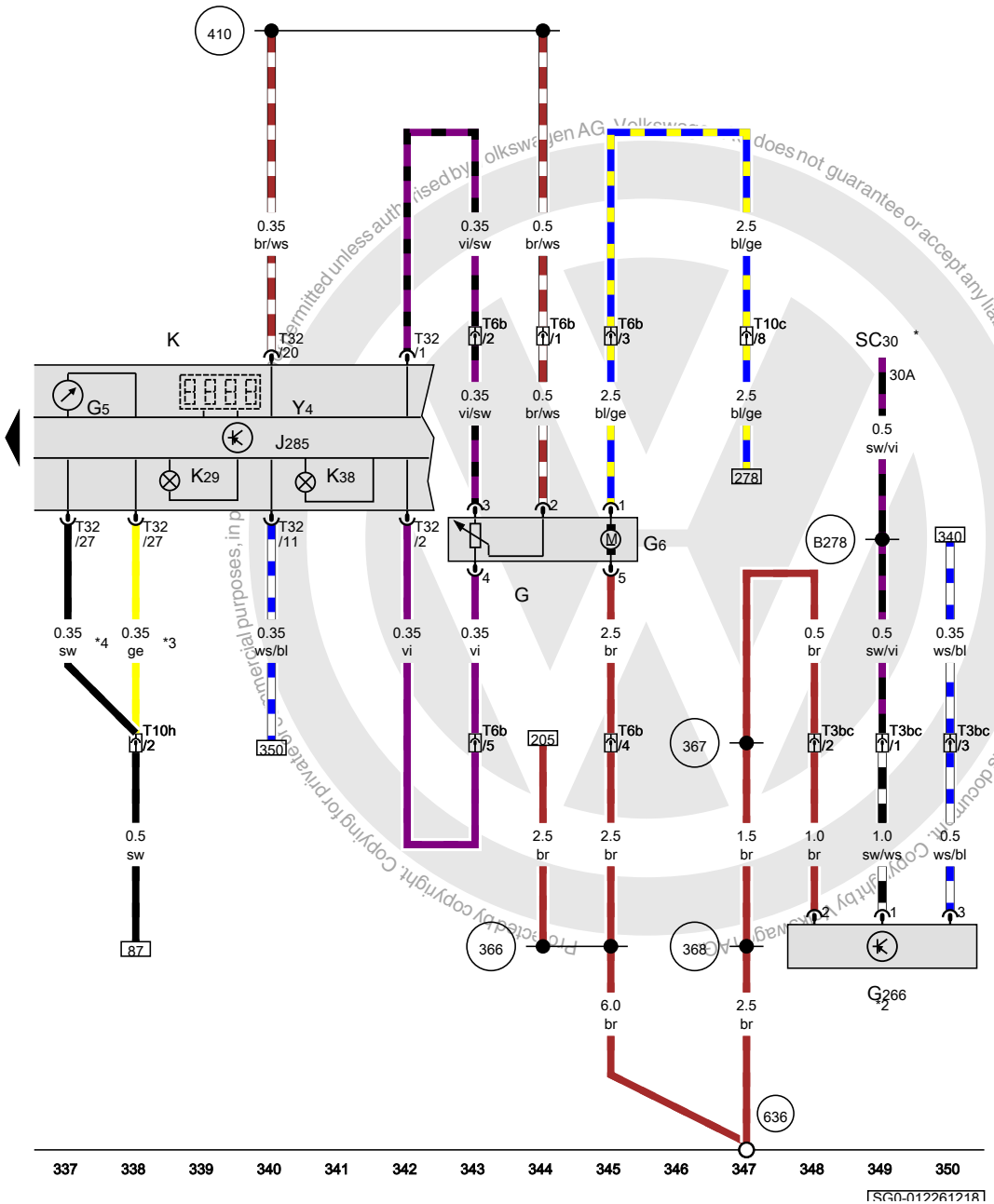

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gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Fuel gauge sender, Rev. counter, Fuel system pressurisation pump, Oil level and oil temperature sender, Dash panel insert, Glow period warning lamp, Oil level warning lamp

G	Fuel gauge sender
G5	Rev. counter
G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K	Dash panel insert
K29	Glow period warning lamp
K38	Oil level warning lamp
SC30	Fuse 30 on fuse holder C
T3bc	3-pin connector, black, on underbody, near cross panel
T6b	6-pin connector, black, on fuel tank
T10c	10-pin connector, yellow, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T32	32-pin connector, blue
Y4	Trip counter
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
410	Earth connection 1 (sender earth) in main wiring harness
636	Earth point, onboard supply control unit
B278	Positive connection 2 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with extended service intervals (ESI)
*3	Up to June 2016
*4	From June 2016

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Heated windscreen

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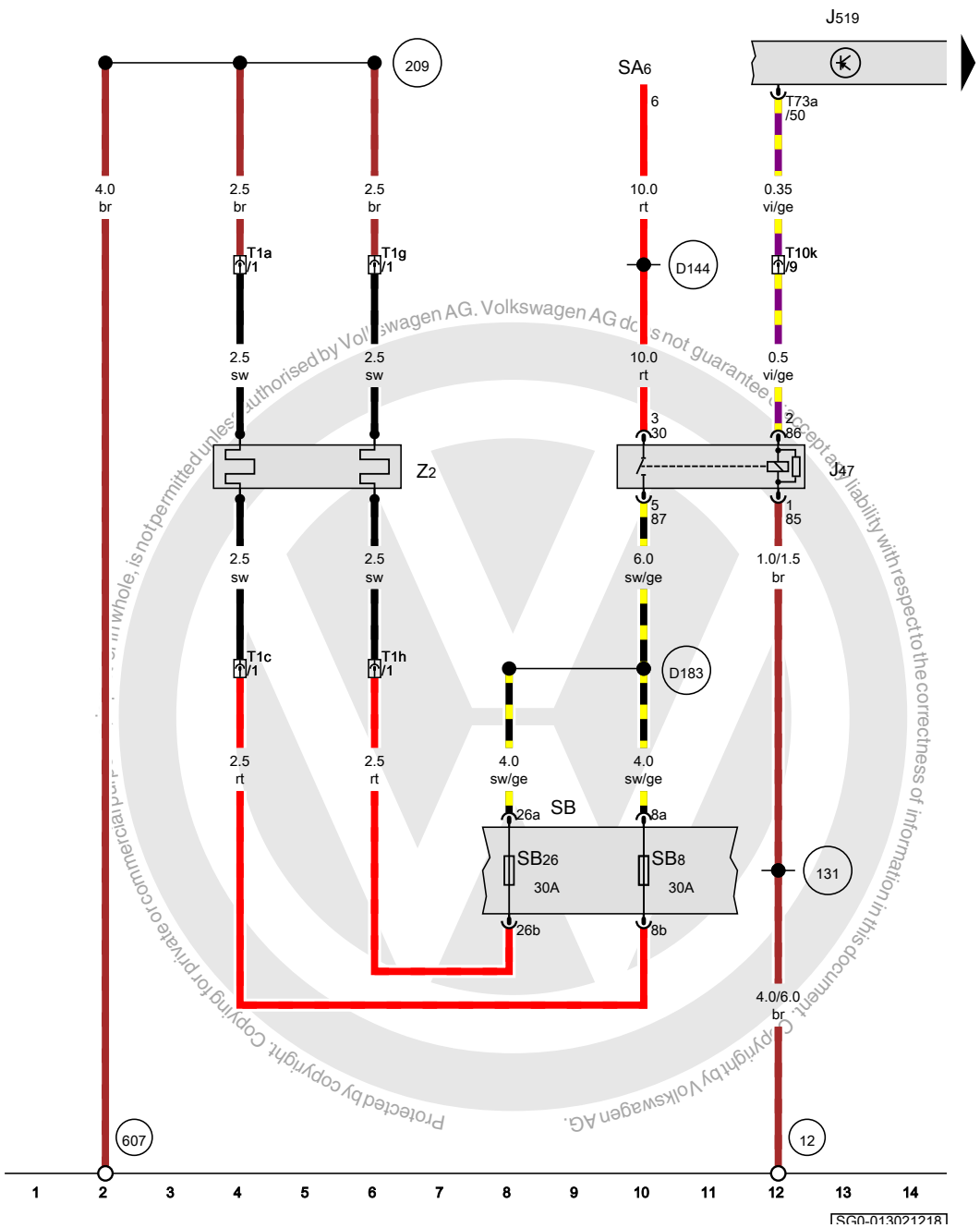
Heated windscreen relay, Onboard supply control unit, Fuse holder B, Heated windscreen



J47	Heated windscreen relay, in E-box in engine compartment
J519	Onboard supply control unit
SA6	Fuse 6 on fuse holder A
SB	Fuse holder B
SB8	Fuse 8 on fuse holder B
SB26	Fuse 26 on fuse holder B
T1a	1-pin connector, black, on left in plenum chamber
T1c	1-pin connector, black, on left in plenum chamber
T1g	1-pin connector, black, on right in plenum chamber
T1h	1-pin connector, black, on right in plenum chamber
T10k	10-pin connector, purple, in E-box in engine compartment
T73a	73-pin connector, black
Z2	Heated windscreen
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
209	Earth connection 6, in engine compartment wiring harness
607	Earth point, on left in plenum chamber
D144	Positive connection 5 (30), in engine compartment wiring harness
D183	Connection 4 (87a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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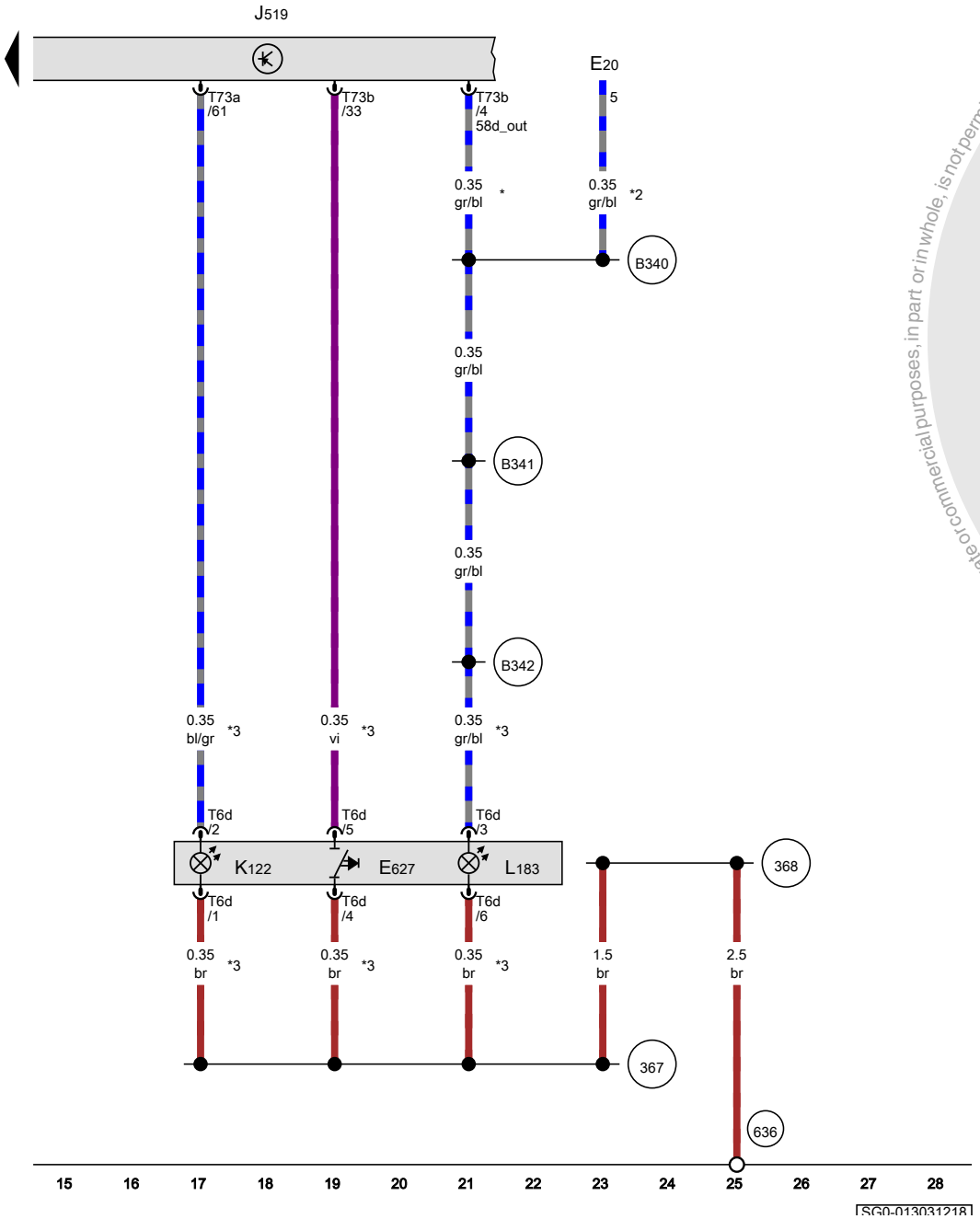

Heated windscreen button, Onboard supply control unit

E20	Switch and instrument illumination regulator
E627	Heated windscreen button
J519	Onboard supply control unit
K122	Heated windscreen warning lamp
L183	Bulb for heated windscreen switch illumination
T6d	6-pin connector, brown
T73a	73-pin connector, black
T73b	73-pin connector, white
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
636	Earth point, onboard supply control unit
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B342	Connection 3 (58d), in main wiring harness
*	For models with no dimmable instrument illumination
*2	For models with dimmable instrument illumination
*3	For models with no Climatronic

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Sliding/tilting sunroof , (3JB),(3JQ)

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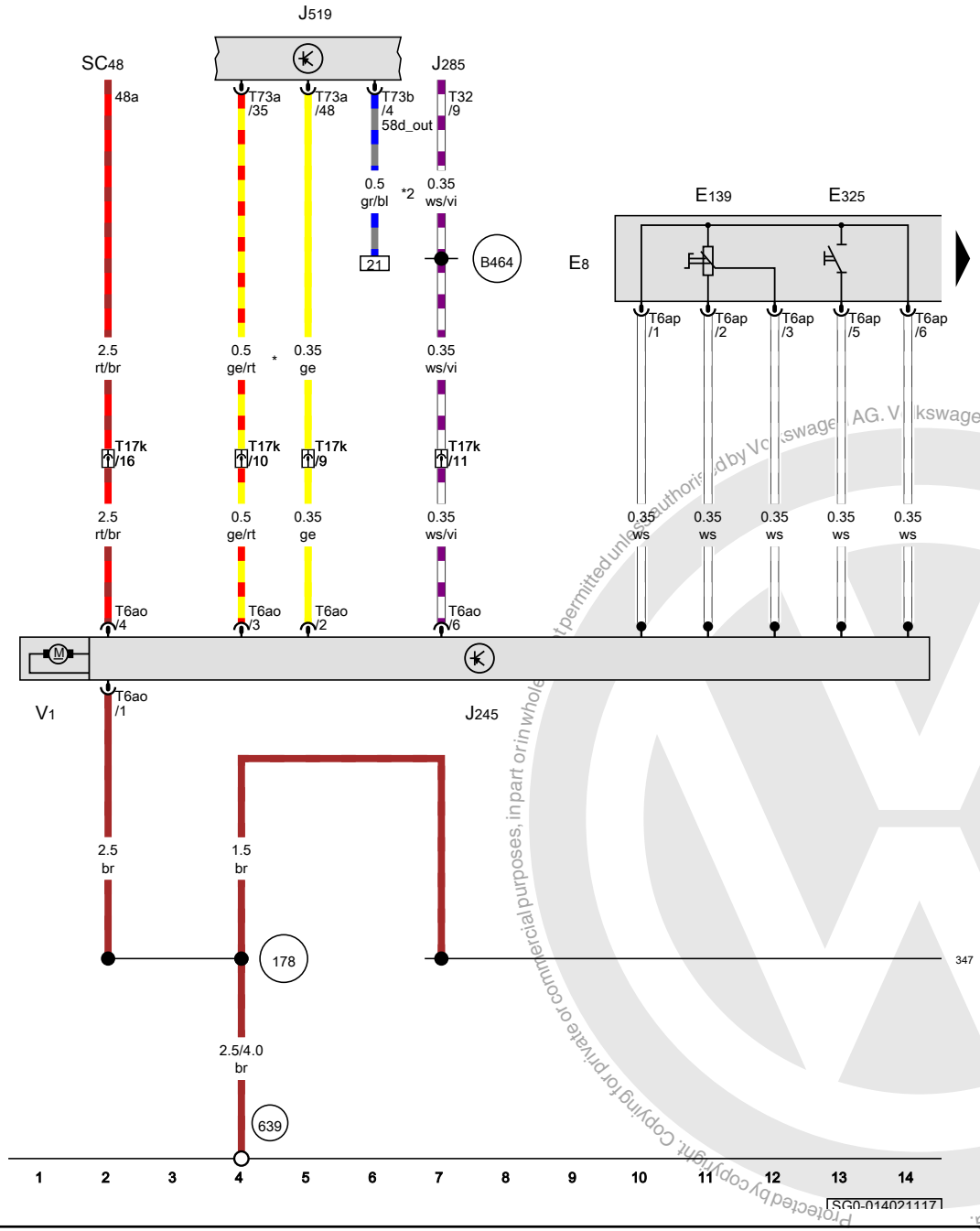
Sunroof switch, Sliding sunroof adjustment regulator, Sunroof button, Sliding sunroof adjustment control unit, Control unit in dash panel insert, Onboard supply control unit, Fuse 48 on fuse holder C, Sliding sunroof motor



E8	Sunroof switch	
E139	Sliding sunroof adjustment regulator	
E325	Sunroof button	
J245	Sliding sunroof adjustment control unit	
J285	Control unit in dash panel insert	
J519	Onboard supply control unit	
SC48	Fuse 48 on fuse holder C	
T6ao	6-pin connector, black	
T6ap	6-pin connector, black	
T17k	17-pin connector, green, in left A-pillar coupling station	
T32	32-pin connector, blue	
T73a	73-pin connector, black	
T73b	73-pin connector, white	
V1	Sliding sunroof motor	
178	Earth connection, in sliding sunroof wiring harness	
347	Earth connection, in roof wiring harness	
639	Earth point, left A-pillar	
B464	Connection (speed signal), in main wiring harness	
*	For models with central locking	
*2	For models with no dimmable instrument illumination	

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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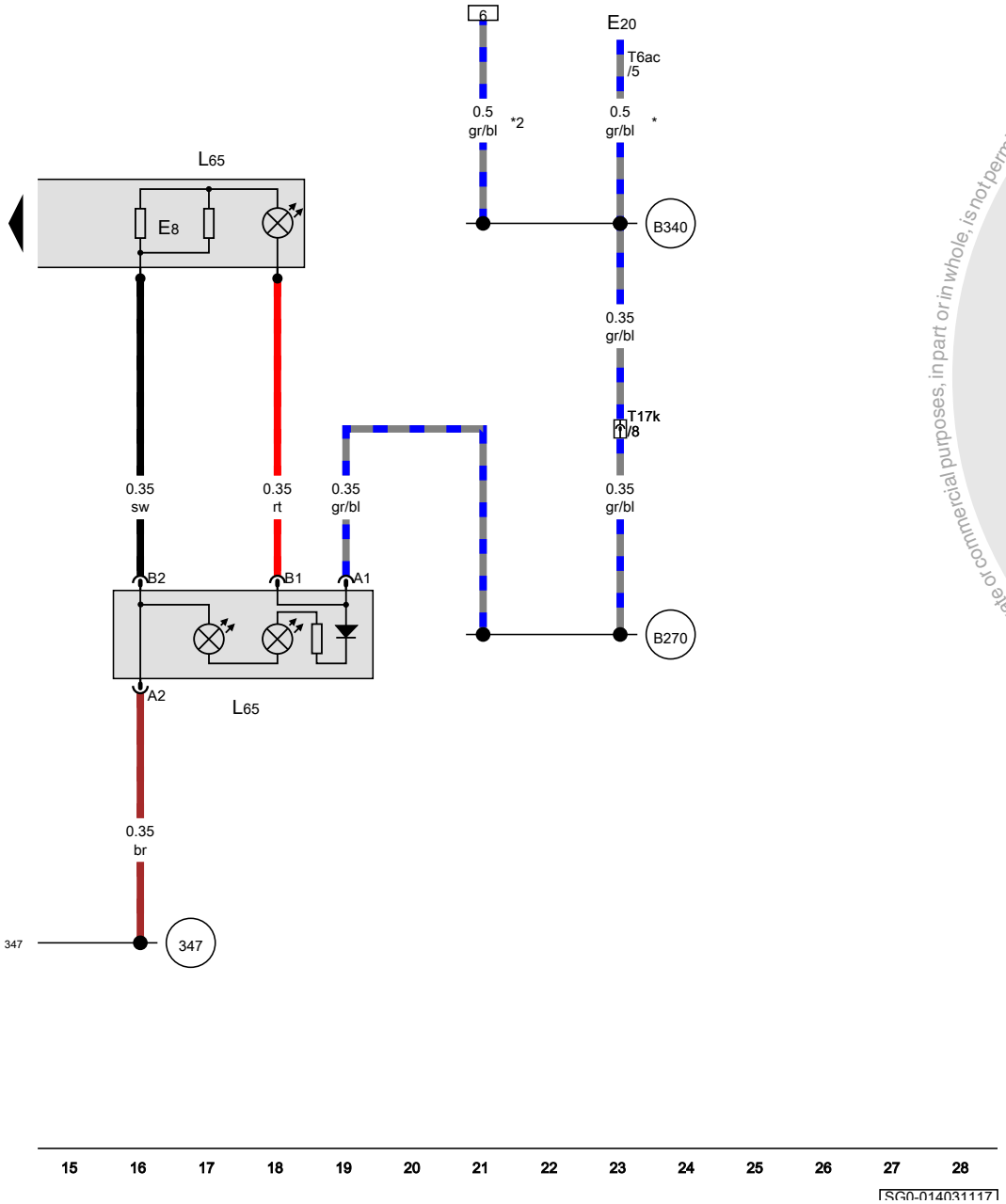
Sunroof switch, Switch and instrument illumination regulator, Sliding sunroof switch illumination bulb



E8	Sunroof switch
E20	Switch and instrument illumination regulator
L65	Sliding sunroof switch illumination bulb
T6ac	6-pin connector, black
T17k	17-pin connector, green, in left A-pillar coupling station
347	Earth connection, in roof wiring harness
B270	Connection (58s), in roof wiring harness
B340	Connection 1 (58d), in main wiring harness
*	For models with dimmable instrument illumination
*2	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Rain sensor, automatic anti-dazzle interior mirror

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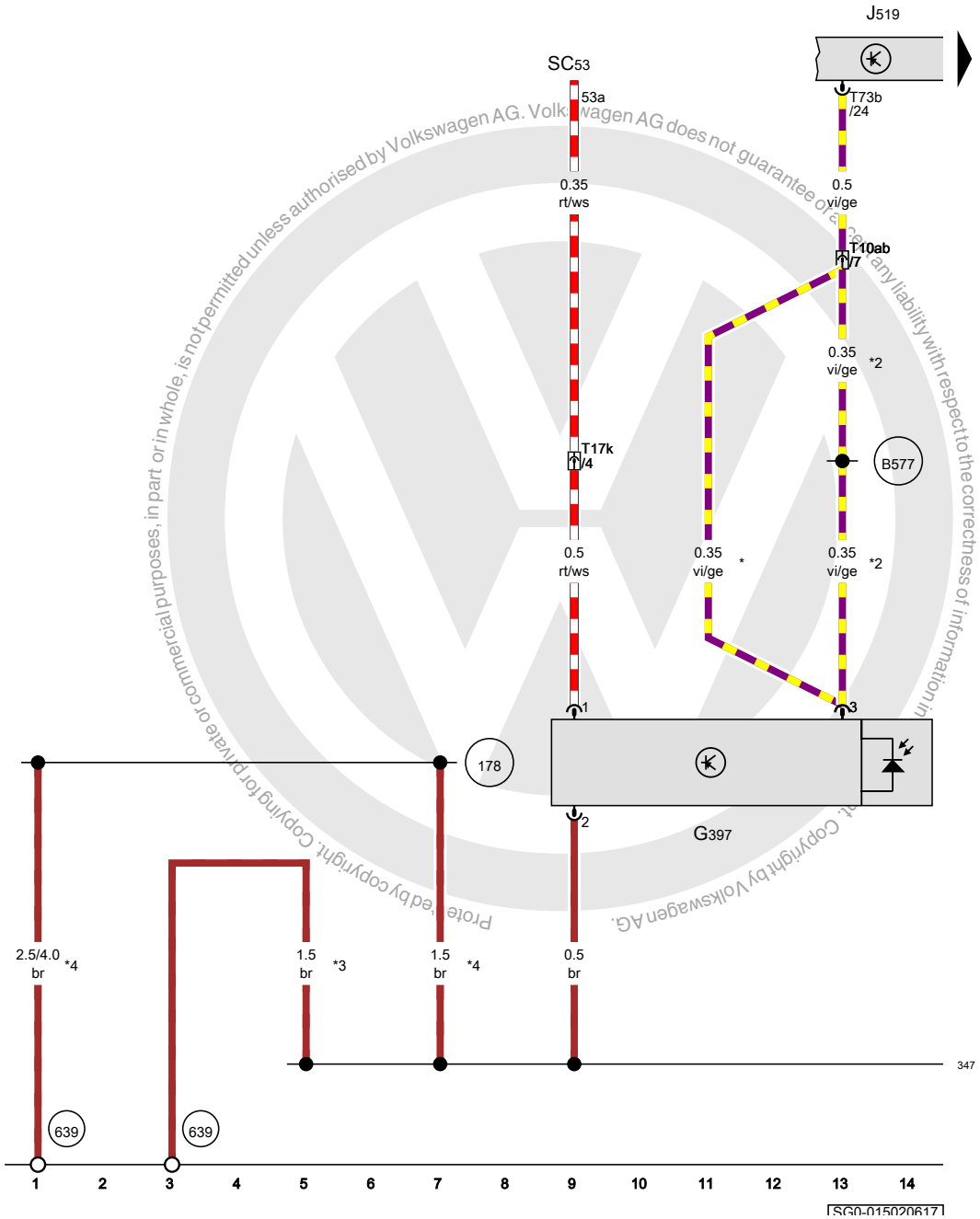

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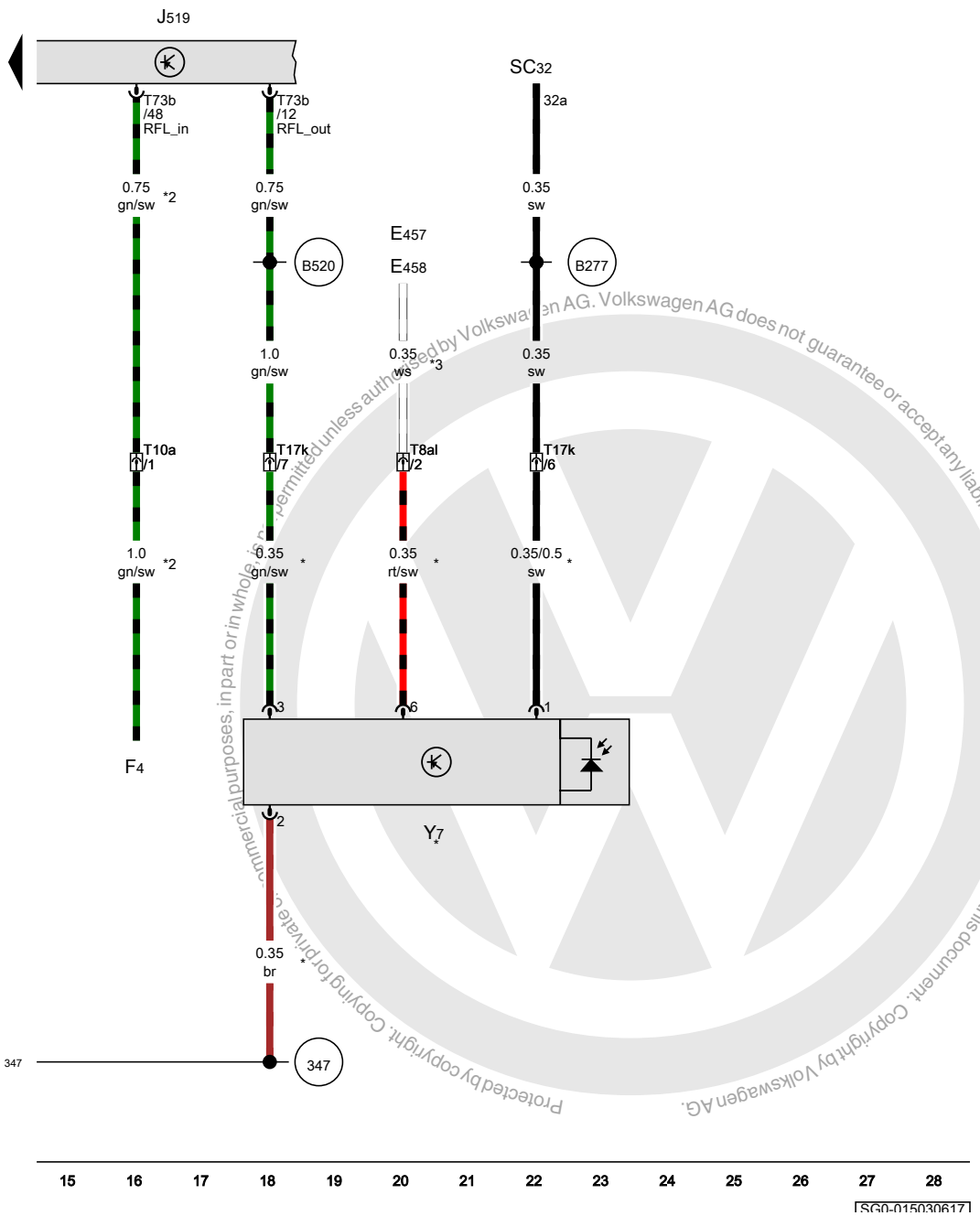
Rain and light sensor, Onboard supply control unit, Fuse 53 on fuse holder C

G397	Rain and light sensor
J519	Onboard supply control unit
SC53	Fuse 53 on fuse holder C
T10ab	10-pin connector, white, in left A-pillar coupling station
T17k	17-pin connector, green, in left A-pillar coupling station
T73b	73-pin connector, white
178	Earth connection, in sliding sunroof wiring harness
347	Earth connection, in roof wiring harness
639	Earth point, left A-pillar
B577	LIN bus connection, in roof wiring harness
*	For models with no anti-theft alarm system
*2	For models with anti-theft alarm system
*3	For models with no sliding/tilting sunroof
*4	For models with sliding/tilting sunroof

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Driver side reading light button, Reversing light switch, Onboard supply control unit, Fuse 32 on fuse holder C, Automatic anti-dazzle interior mirror

E457	Driver side reading light button
E458	Front passenger side reading light button
F4	Reversing light switch
J519	Onboard supply control unit
SC32	Fuse 32 on fuse holder C
T8al	8-pin connector, black, near front interior light
T10a	10-pin connector, brown, in E-box in engine compartment
T17k	17-pin connector, green, in left A-pillar coupling station
T73b	73-pin connector, white
Y7	Automatic anti-dazzle interior mirror
347	Earth connection, in roof wiring harness
B277	Positive connection 1 (15a) in main wiring harness
B520	Connection (RL), in main wiring harness
*	Only models with no overhead view camera
*2	For models with manual gearbox
*3	see applicable current flow diagram for interior lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Front camera for driver assist systems

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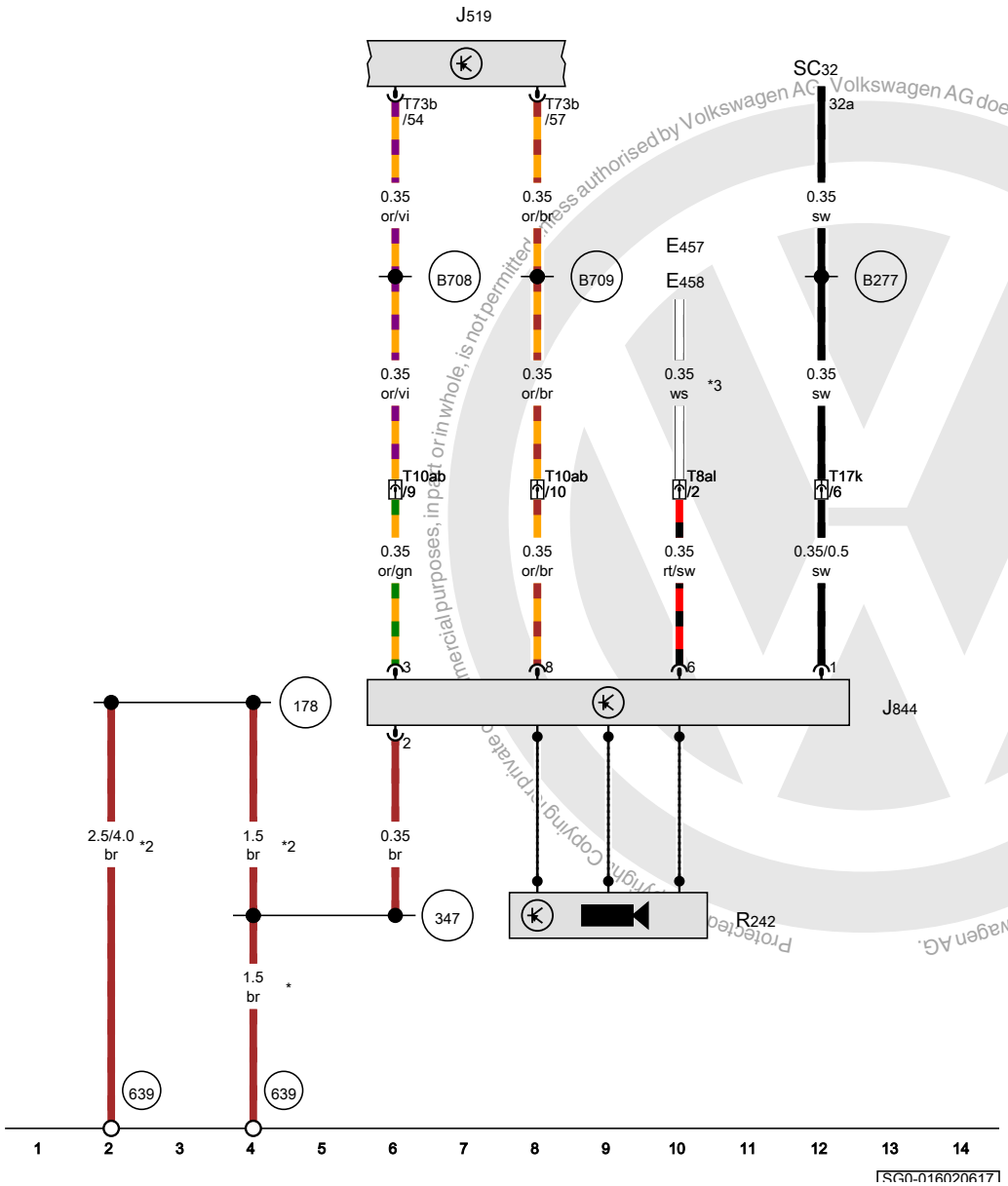
Driver side reading light button, Onboard supply control unit, Main beam assist control unit, Fuse 32 on fuse holder C



E457	Driver side reading light button
E458	Front passenger side reading light button
J519	Onboard supply control unit
J844	Main beam assist control unit
R242	Front camera for driver assist systems
SC32	Fuse 32 on fuse holder C
T8al	8-pin connector, black, near front interior light
T10ab	10-pin connector, white, in left A-pillar coupling station
T17k	17-pin connector, green, in left A-pillar coupling station
T73b	73-pin connector, white
178	Earth connection, in sliding sunroof wiring harness
347	Earth connection, in roof wiring harness
639	Earth point, left A-pillar
B277	Positive connection 1 (15a) in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	For models with no sliding/tilting sunroof
*2	For models with sliding/tilting sunroof
*3	see applicable current flow diagram for interior lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Anti-lock brake system (ABS)

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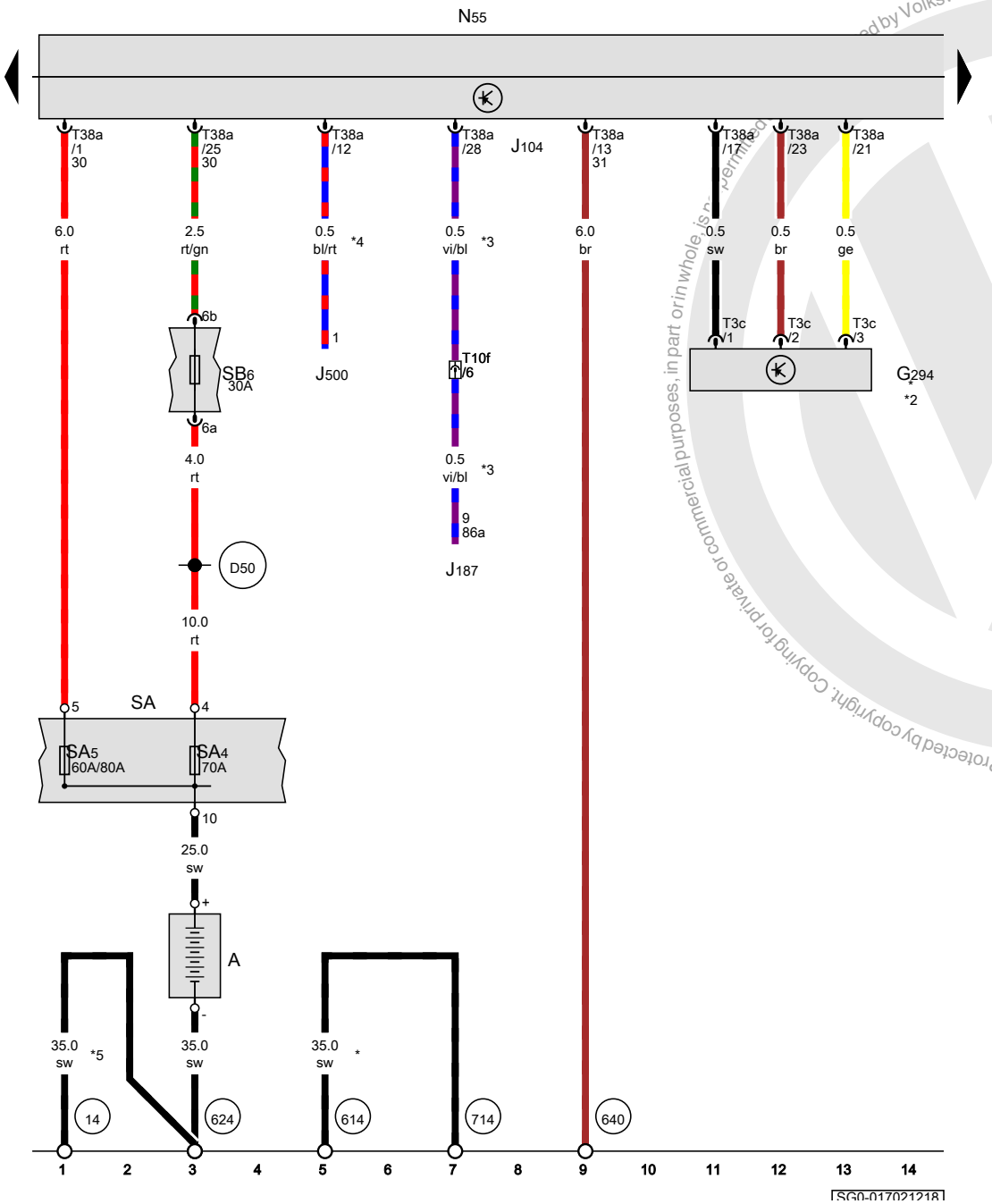

Battery, ABS control unit, Differential lock control unit, Power steering control unit, ABS hydraulic unit, Fuse holder A, Fuse 6 on fuse holder B

A	Battery
G294	Brake servo pressure sensor
J104	ABS control unit
J187	Differential lock control unit
J500	Power steering control unit
N55	ABS hydraulic unit
SA	Fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SB6	Fuse 6 on fuse holder B, in E-box
T3c	3-pin connector, black
T10f	10-pin connector, green, in E-box in engine compartment
T38a	38-pin connector, black
14	Earth point, on gearbox
614	Earth point 2, on right in engine compartment
624	Earth point, starter battery
640	Earth point 2, left in engine compartment
714	Earth point on right of engine
D50	Positive connection (30), in engine compartment wiring harness
*	For models with start/stop system
*2	For models with petrol engine
*3	For models with rear differential lock
*4	For models with power assisted steering
*5	For models with no start/stop system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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vi	=	purple
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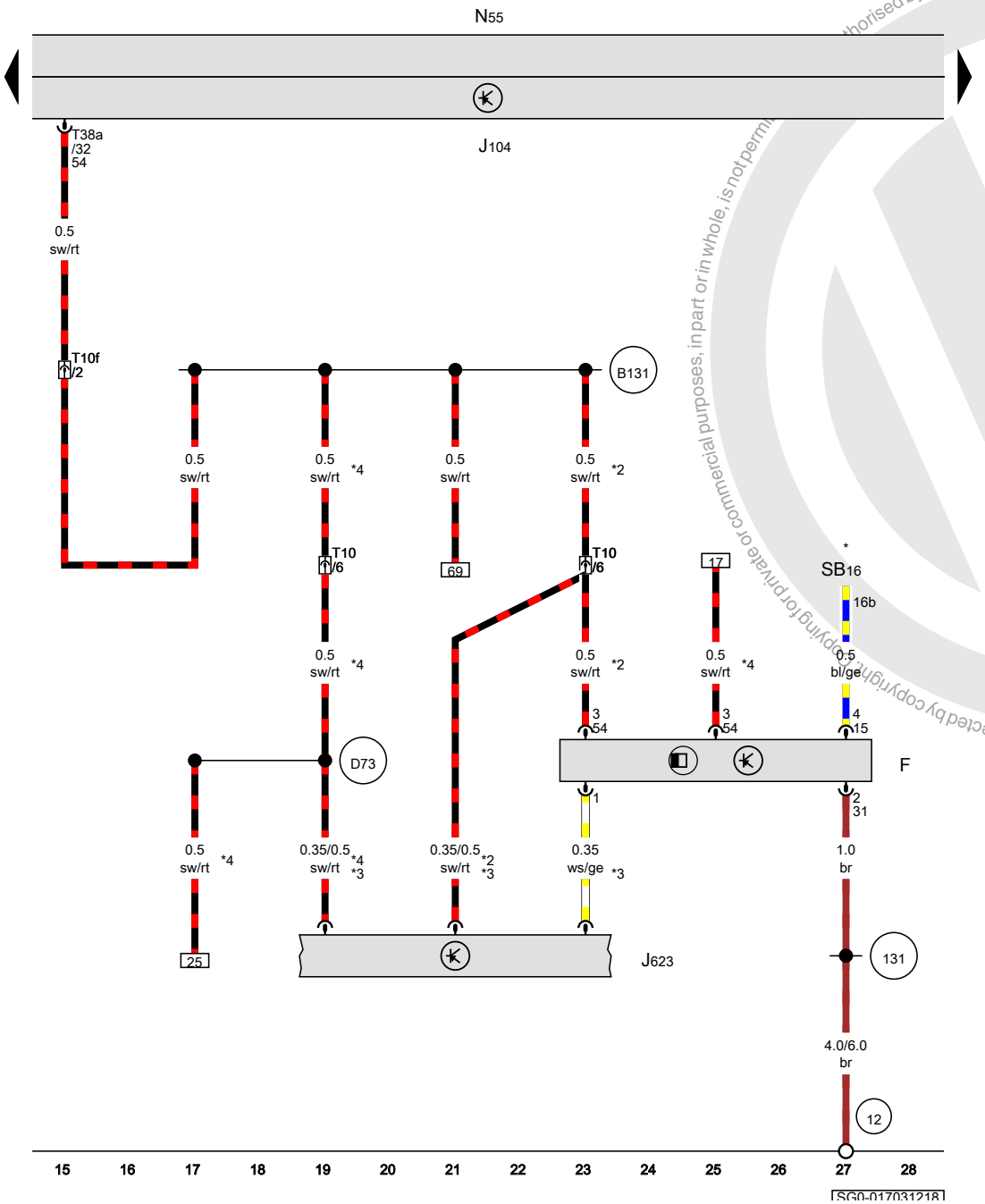
Brake light switch, ABS control unit, ABS hydraulic unit



F	Brake light switch
J104	ABS control unit
J623	Engine/motor control unit
N55	ABS hydraulic unit
SB16	Fuse 16 on fuse holder B
T10	10-pin connector, black, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T38a	38-pin connector, black
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
B131	Connection (54), in interior wiring harness
D73	Positive connection (54), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Up to August 2018
*3	see applicable current flow diagram for engine
*4	From August 2018

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
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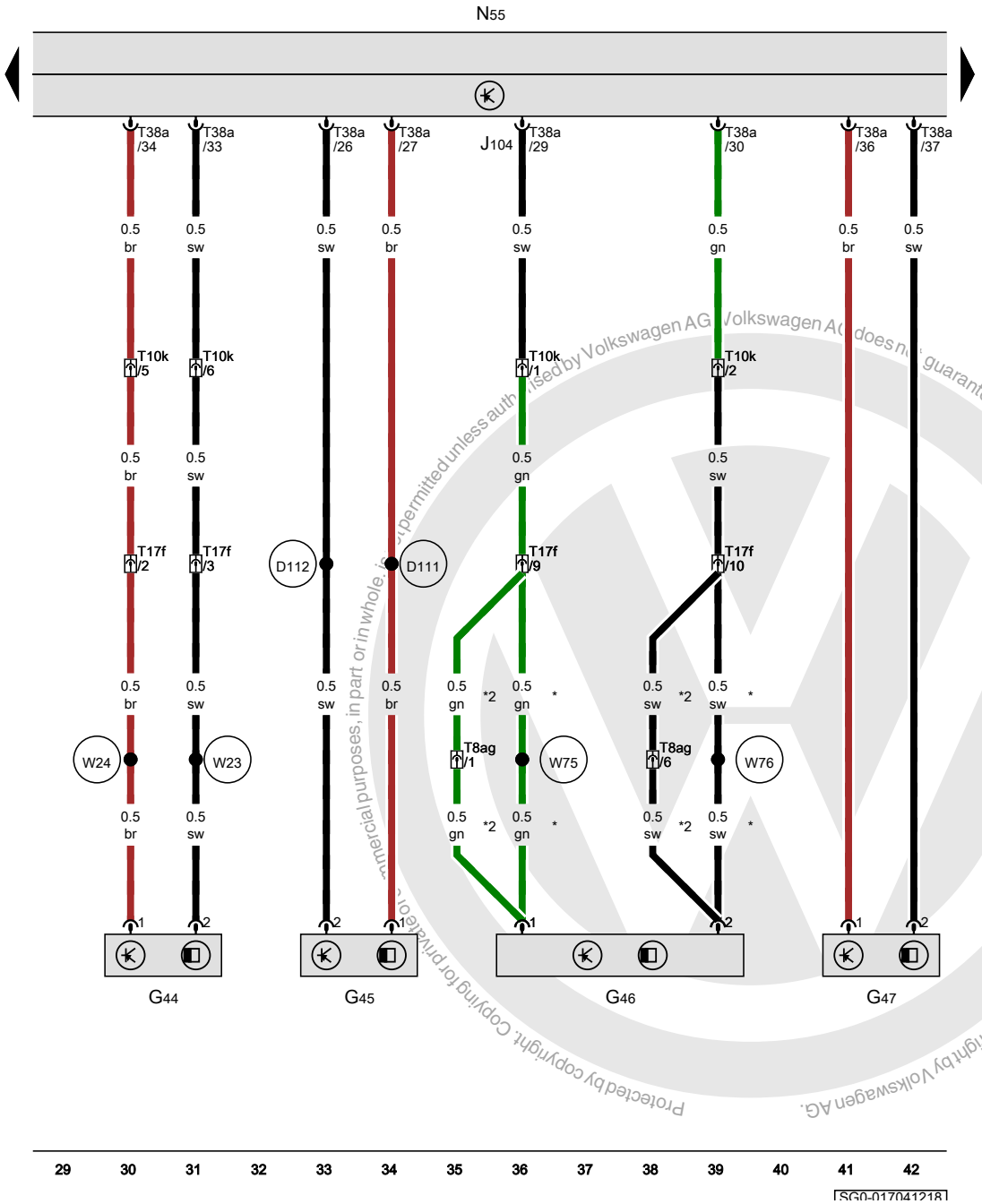

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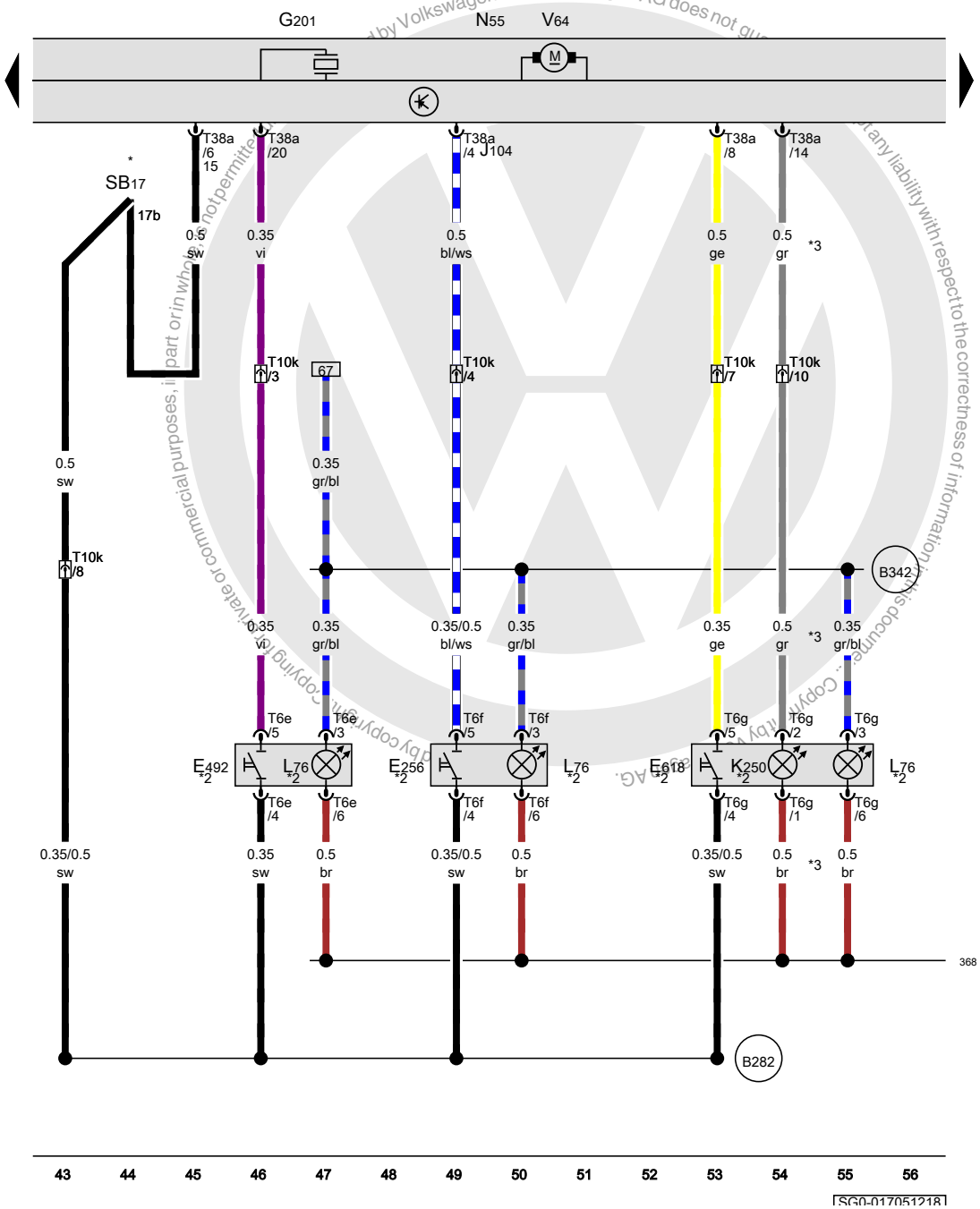
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Rear right speed sensor, Front right speed sensor, Rear left speed sensor, Front left speed sensor, ABS control unit, ABS hydraulic unit

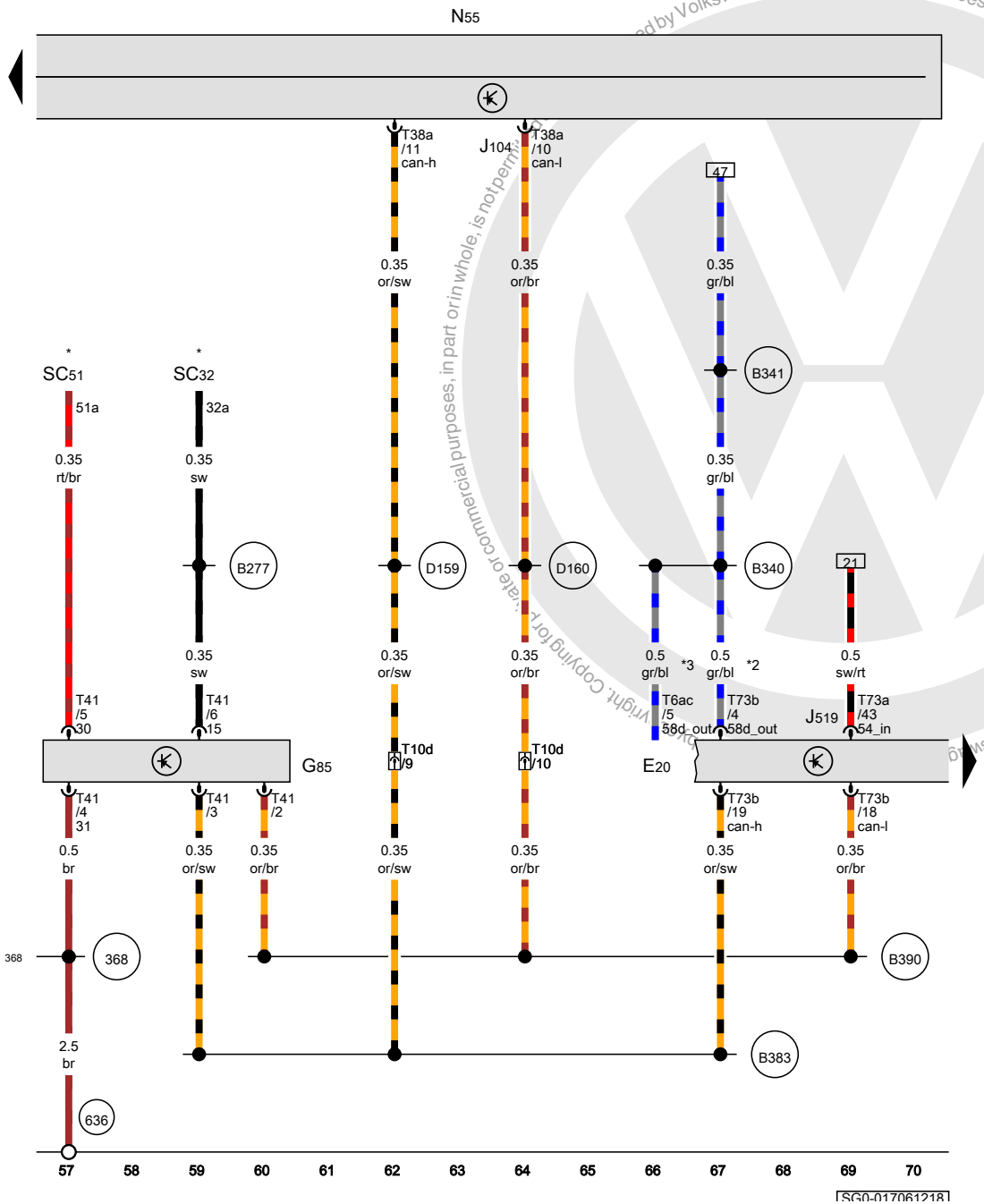
G44	Rear right speed sensor
G45	Front right speed sensor
G46	Rear left speed sensor
G47	Front left speed sensor
J104	ABS control unit
N55	ABS hydraulic unit
T8ag	8-pin connector, black, behind lower section of left D-pillar trim
T10k	10-pin connector, purple, in E-box in engine compartment
T17f	17-pin connector, brown, under seat on front left
T38a	38-pin connector, black
D111	Connection 9 in engine compartment wiring harness
D112	Connection 10 in engine compartment wiring harness
W23	Connection 1 (sensor), in rear wiring harness
W24	Connection 2 (sensor), in rear wiring harness
W75	Connection 3 (sensor), in rear wiring harness
W76	Connection 4 (sensor), in rear wiring harness
*	For models with double cab/dropside and models with no all-wheel drive
*2	For models with all-wheel drive, not for models with double cab/dropside



Button for TCS and electronic stabilisation program, Tyre Pressure Loss Indicator button, Hill descent control button, Brake pressure sender 1, ABS control unit, Warning lamp for hill descent control, Button illumination bulb, ABS hydraulic unit, ABS hydraulic pump

E256	Button for TCS and electronic stabilisation program
E492	Tyre Pressure Loss Indicator button
E618	Hill descent control button
G201	Brake pressure sender 1
J104	ABS control unit
K250	Warning lamp for hill descent control
L76	Button illumination bulb
N55	ABS hydraulic unit
SB17	Fuse 17 on fuse holder B
T6e	6-pin connector, red
T6f	6-pin connector, red
T6g	6-pin connector, black
T10k	10-pin connector, purple, in E-box in engine compartment
T38a	38-pin connector, black
V64	ABS hydraulic pump
368	Earth connection 3, in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
B342	Connection 3 (58d), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment
*3	Up to November 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Steering angle sender, ABS control unit, Onboard supply control unit, ABS hydraulic unit, Fuse 32 on fuse holder C, Fuse 51 on fuse holder C

E20	Switch and instrument illumination regulator
G85	Steering angle sender
J104	ABS control unit
J519	Onboard supply control unit, behind dash panel, left
N55	ABS hydraulic unit
SC32	Fuse 32 on fuse holder C
SC51	Fuse 51 on fuse holder C
T6ac	6-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T38a	38-pin connector, black
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
368	Earth connection 3, in main wiring harness
636	Earth point, onboard supply control unit
B277	Positive connection 1 (15a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with no dimmable instrument illumination
*3	For models with dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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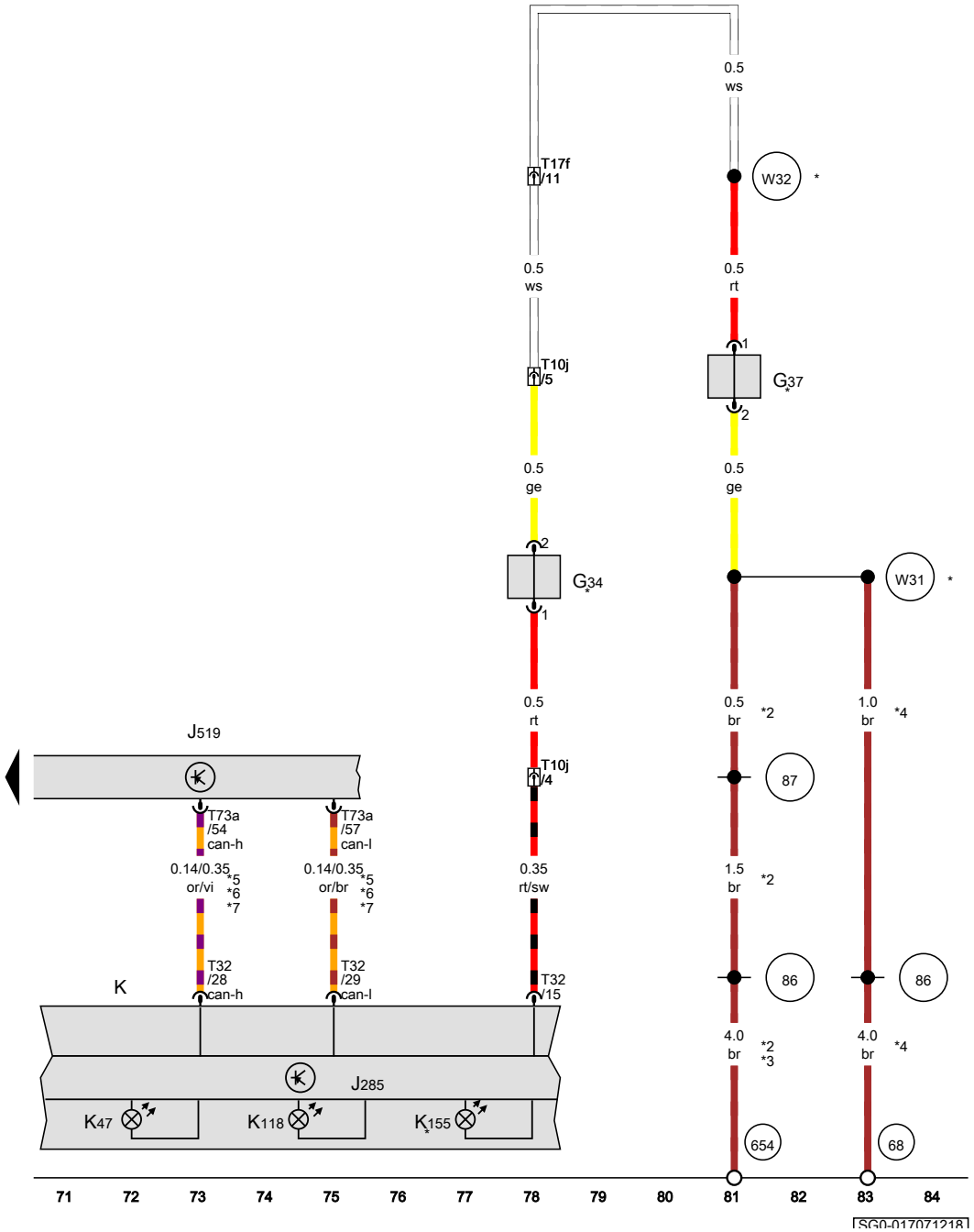

Front left brake pad wear sender, Rear right brake pad wear sender, Onboard supply control unit, Dash panel insert, ABS warning lamp

G34	Front left brake pad wear sender
G37	Rear right brake pad wear sender
J285	Control unit in dash panel insert
J519	Onboard supply control unit, behind dash panel, left
K	Dash panel insert
K47	ABS warning lamp
K118	Brake system warning lamp
K155	Warning lamp for electronic stabilisation program and TCS
T10j	10-pin connector, dark brown, in E-box
T17f	17-pin connector, brown, under seat on front left
T32	32-pin connector, blue
T73a	73-pin connector, black
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
87	Earth connection 2, in rear wiring harness
654	Earth point, on right D-pillar
W31	Connection 1 (brake pad wear indicator), in rear wiring harness
W32	Connection 2 (brake pad wear indicator), in rear wiring harness
*	For models with brake pad wear indicator
*2	Not for models with double cab/ dropside
*3	Cross-section 6.0 possible
*4	For models with double cab/dropside
*5	Coming Home function with no rain sensor
*6	For models with no tachograph
*7	For models with no start/stop system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Dual clutch gearbox (DSG) , CFCA,CJKA,CJKB,CXFA,CXGA,CXGB,CXEB,CXEC,CXHA,CXHB

From June 2015

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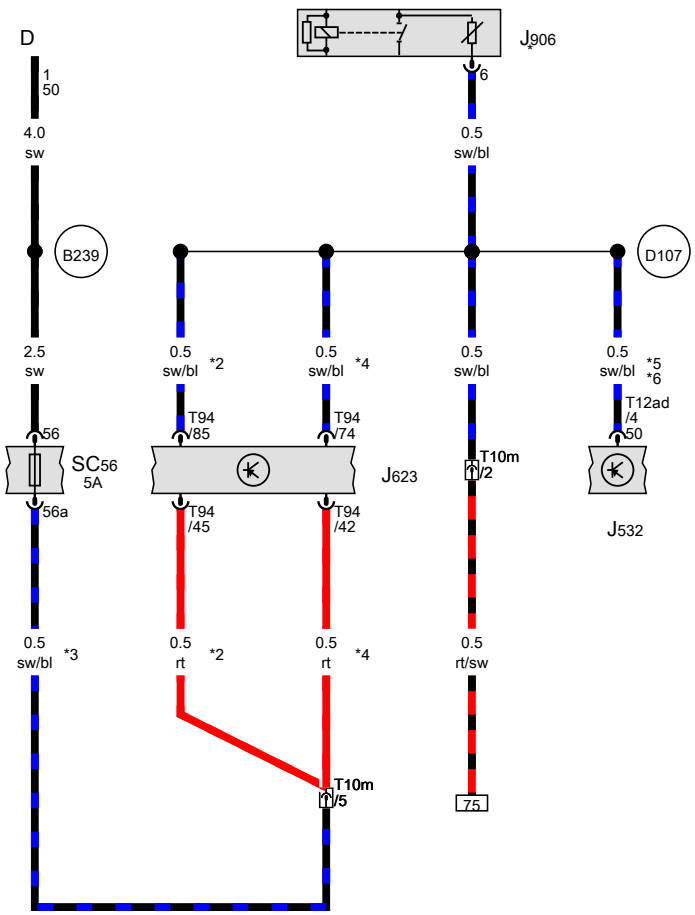
Ignition/starter switch, Voltage stabiliser, Fuse 56 on fuse holder C



D	Ignition/starter switch
J532	Voltage stabiliser
J623	Engine/motor control unit, in E-box in engine compartment
J906	Starter relay 1
SC56	Fuse 56 on fuse holder C
T10m	10-pin connector, light pink, in E-box in engine compartment
T12ad	12-pin connector, black
T94	94-pin connector, black
B239	Positive connection 1 (50), in interior wiring harness
D107	Connection 5 in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	For models with diesel engine
*3	For models with no electric interface
*4	For models with petrol engine
*5	For models with start/stop system
*6	Up to June 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SG0-018021218

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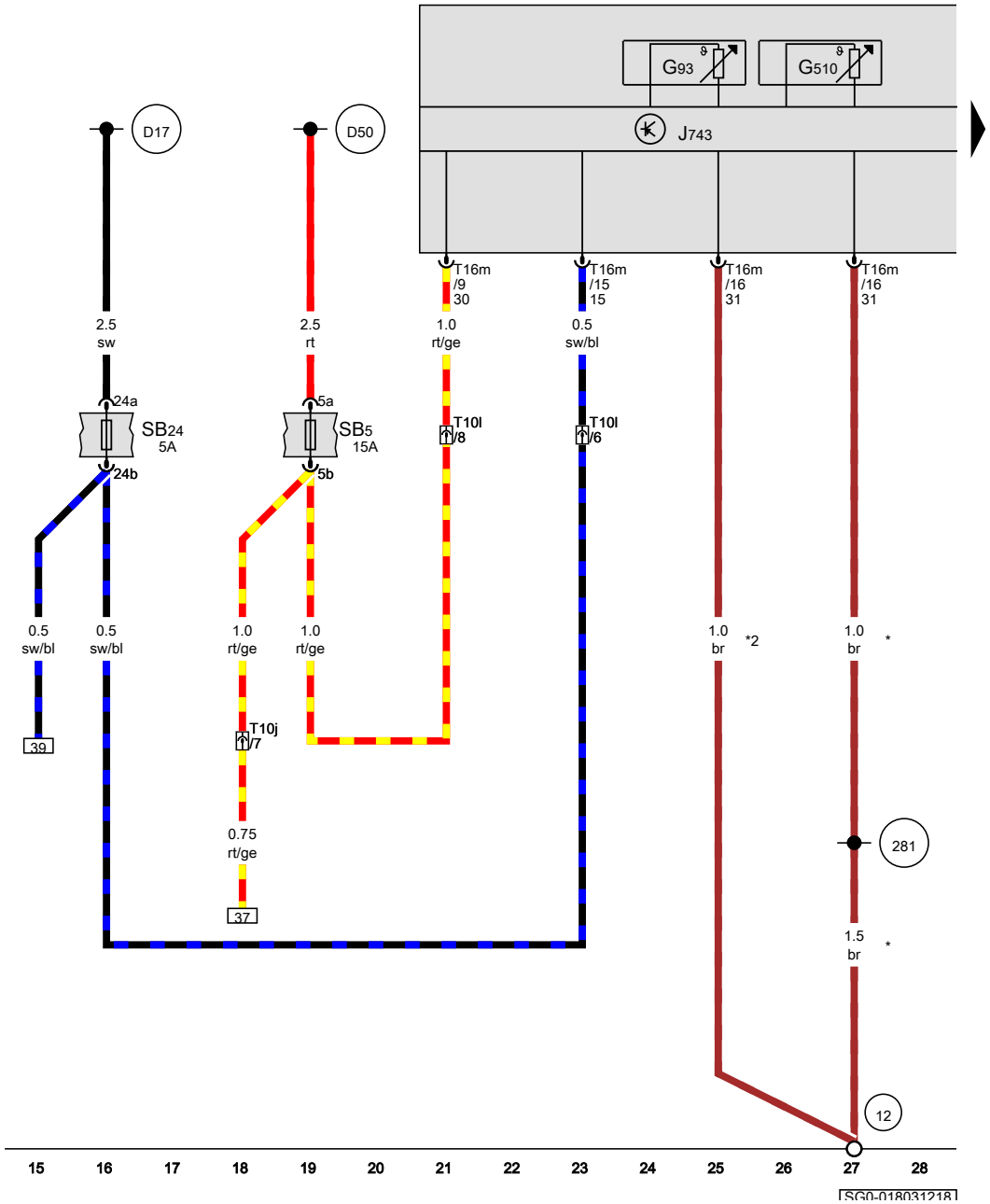

Gearbox oil temperature sender, Temperature sender in control unit, Mechatronic unit for dual clutch gearbox, Fuse 5 on fuse holder B, Fuse 24 on fuse holder B

G93	Gearbox oil temperature sender
G510	Temperature sender in control unit
J743	Mechatronic unit for dual clutch gearbox
SB5	Fuse 5 on fuse holder B
SB24	Fuse 24 on fuse holder B
T10j	10-pin connector, brown, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T16m	16-pin connector, black, on electronic gearbox control unit
12	Earth point, on left in engine compartment
281	Earth point 1, engine prewiring harness
D17	Positive connection 1 (15), in engine harness
D50	Positive connection (30), in engine compartment wiring harness
*	For models with diesel engine
*2	For models with petrol engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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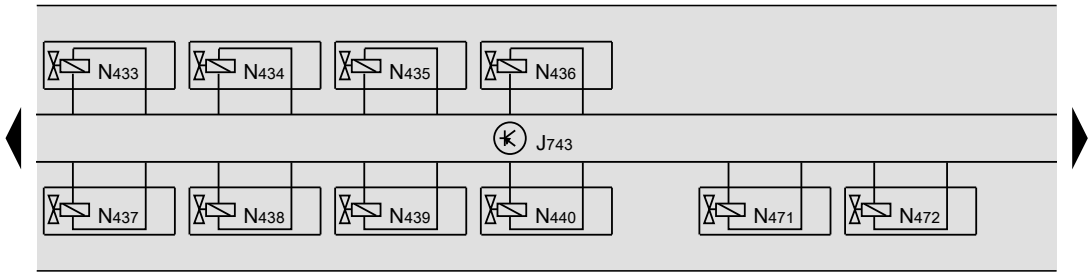
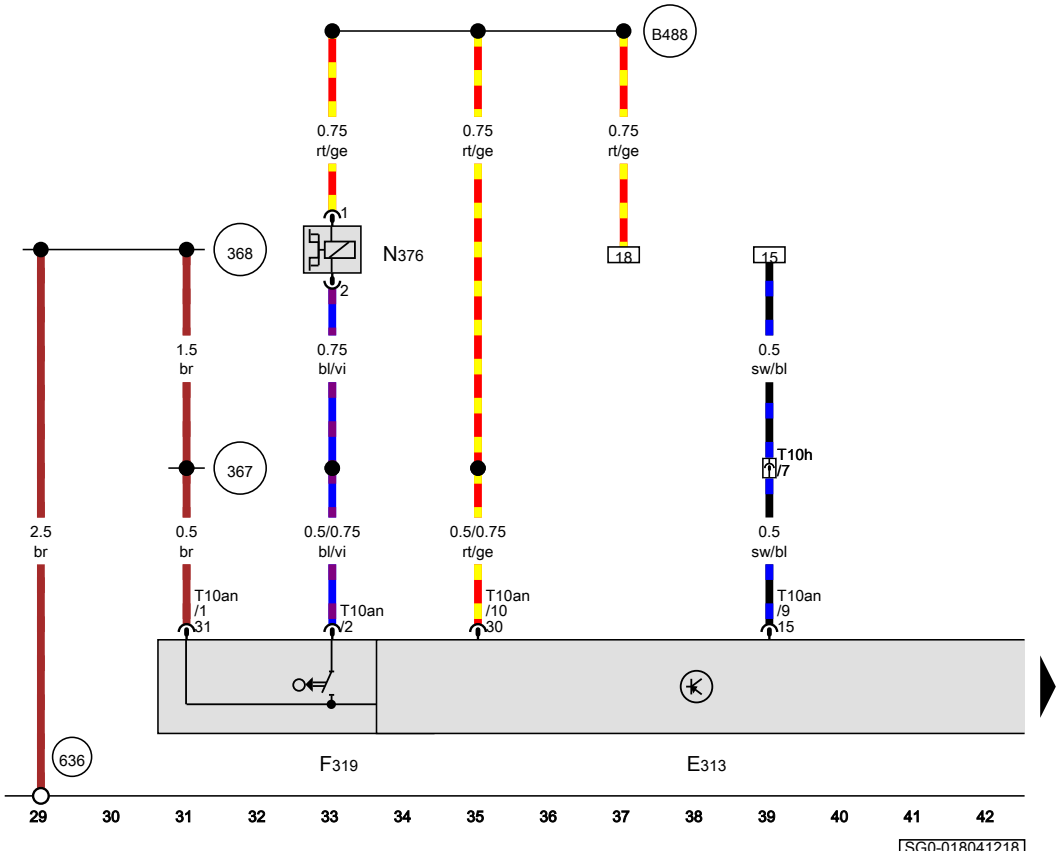
Selector lever, Selector lever locked in position P switch, Mechatronic unit for dual clutch gearbox, Ignition key withdrawal lock solenoid, Valve 1 in gear train half 1, Valve 1 in gear train half 2, Cooling oil valve, Main pressure valve





E313	Selector lever
F319	Selector lever locked in position P switch
J743	Mechatronic unit for dual clutch gearbox
N376	Ignition key withdrawal lock solenoid
N433	Valve 1 in gear train half 1
N434	Valve 2 in gear train half 1
N435	Valve 3 in gear train half 1
N436	Valve 4 in gear train half 1
N437	Valve 1 in gear train half 2
N438	Valve 2 in gear train half 2
N439	Valve 3 in gear train half 2
N440	Valve 4 in gear train half 2
N471	Cooling oil valve
N472	Main pressure valve
T10an	10-pin connector, black
T10h	10-pin connector, orange, in E-box in engine compartment
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
636	Earth point, onboard supply control unit
B488	Connection 24, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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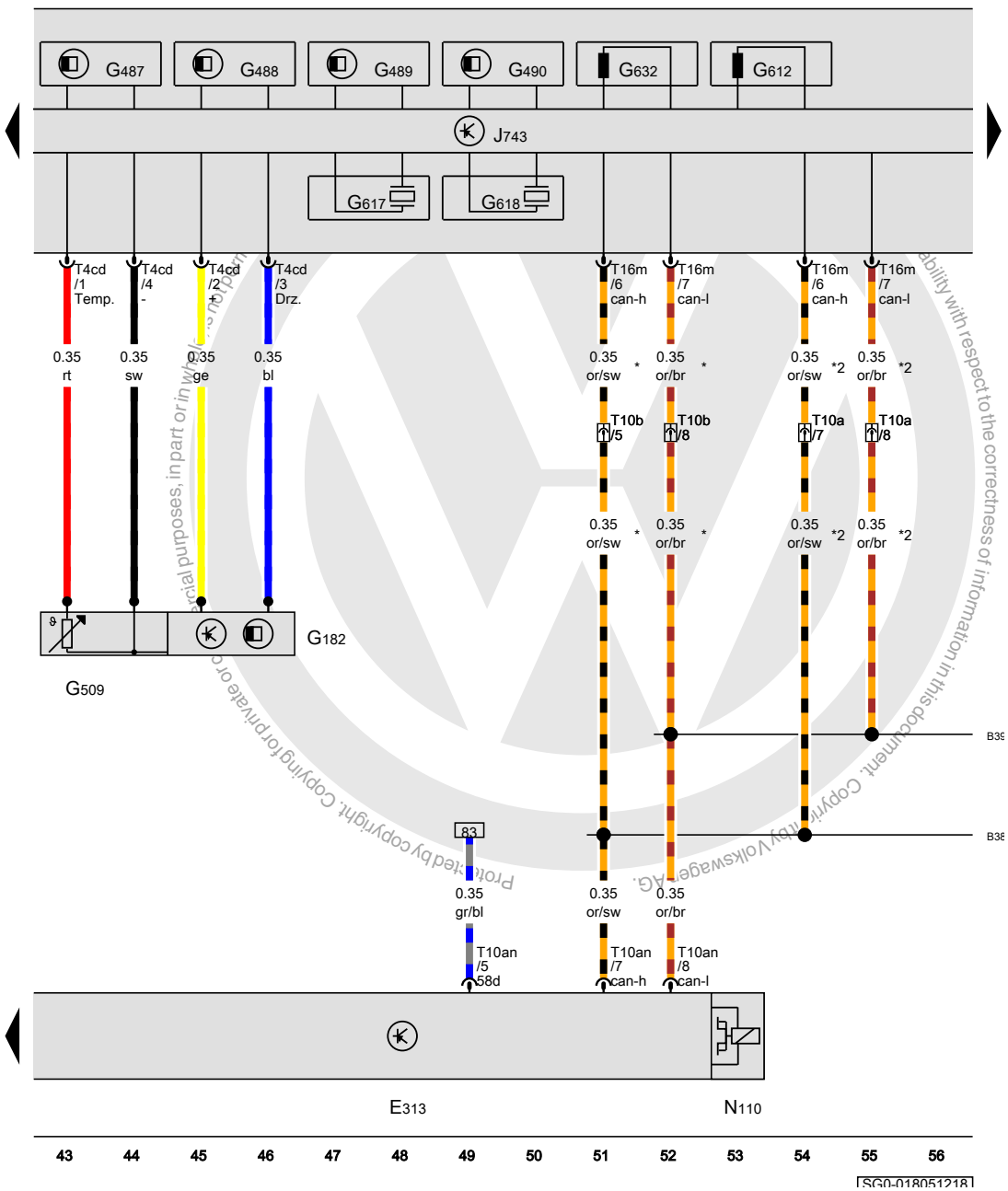

Selector lever, Gearbox input speed sender, Gear selector movement sensor 1, Clutch temperature sender, Clutch travel sender 1, Gearbox input speed sender 1, Mechatronic unit for dual clutch gearbox, Selector lever lock solenoid

E313	Selector lever
G182	Gearbox input speed sender, in gearbox
G487	Gear selector movement sensor 1
G488	Gear selector movement sensor 2
G489	Gear selector movement sensor 3
G490	Gear selector movement sensor 4
G509	Clutch temperature sender, in gearbox
G612	Gearbox input speed sender 2
G617	Clutch travel sender 1
G618	Clutch travel sender 2
G632	Gearbox input speed sender 1
J743	Mechatronic unit for dual clutch gearbox
N110	Selector lever lock solenoid
T4cd	4-pin connector, black, in gearbox
T10a	10-pin connector, brown, in E-box in engine compartment
T10an	10-pin connector, black
T10b	10-pin connector, red, in E-box in engine compartment
T16m	16-pin connector, black, on electronic gearbox control unit
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	For models with diesel engine
*2	For models with petrol engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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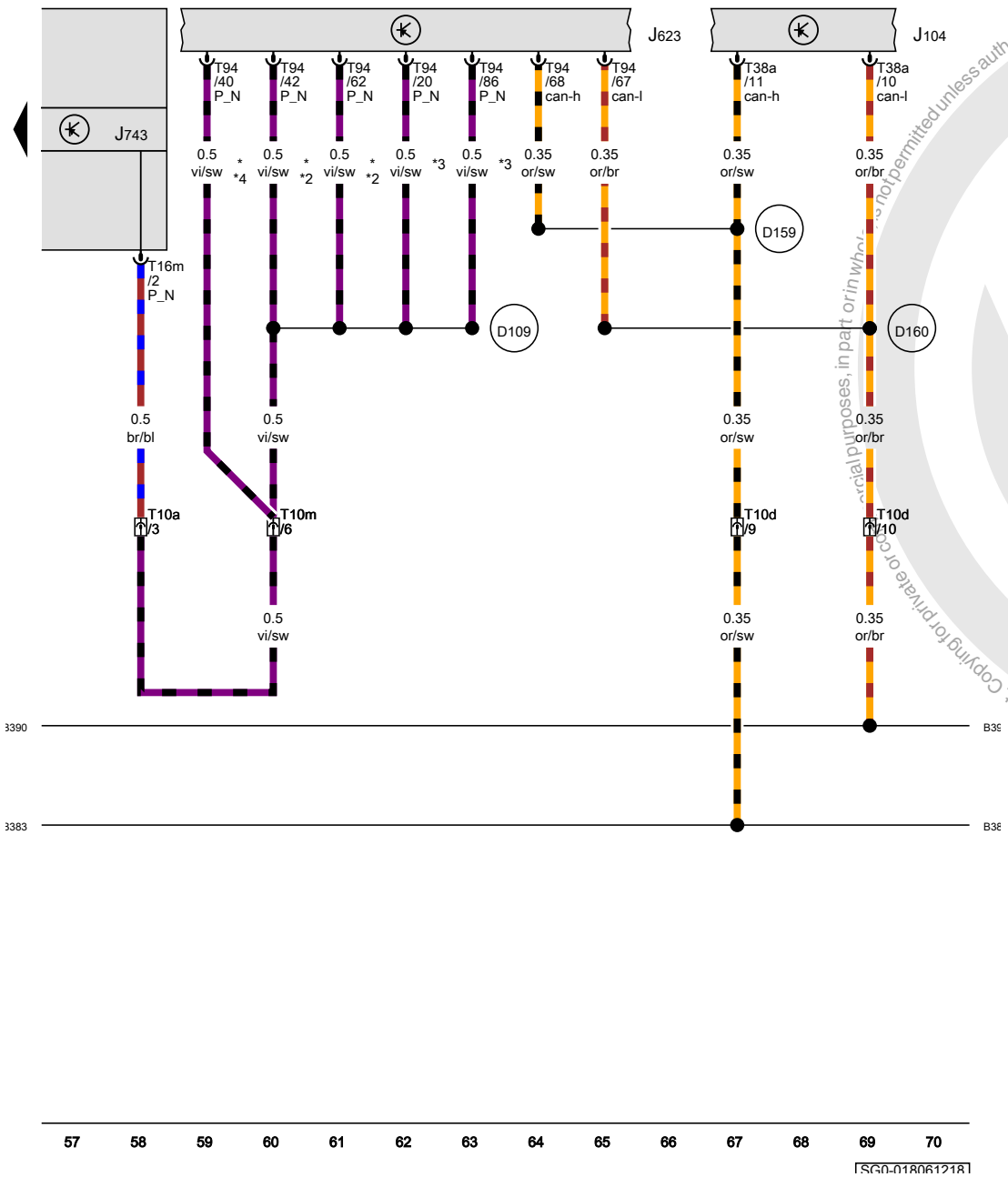
ABS control unit, Engine/motor control unit, Mechatronic unit for dual clutch gearbox



J104	ABS control unit
J623	Engine/motor control unit, in E-box in engine compartment
J743	Mechatronic unit for dual clutch gearbox
T10a	10-pin connector, brown, in E-box in engine compartment
T10d	10-pin connector, blue, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T16m	16-pin connector, black, on electronic gearbox control unit
T38a	38-pin connector, black
T94	94-pin connector, black
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
D109	Connection 7 in engine compartment wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	For models with diesel engine
*2	Not for models with Euro 6 emission standard
*3	For models with petrol engine
*4	For models with Euro 6 emission standard

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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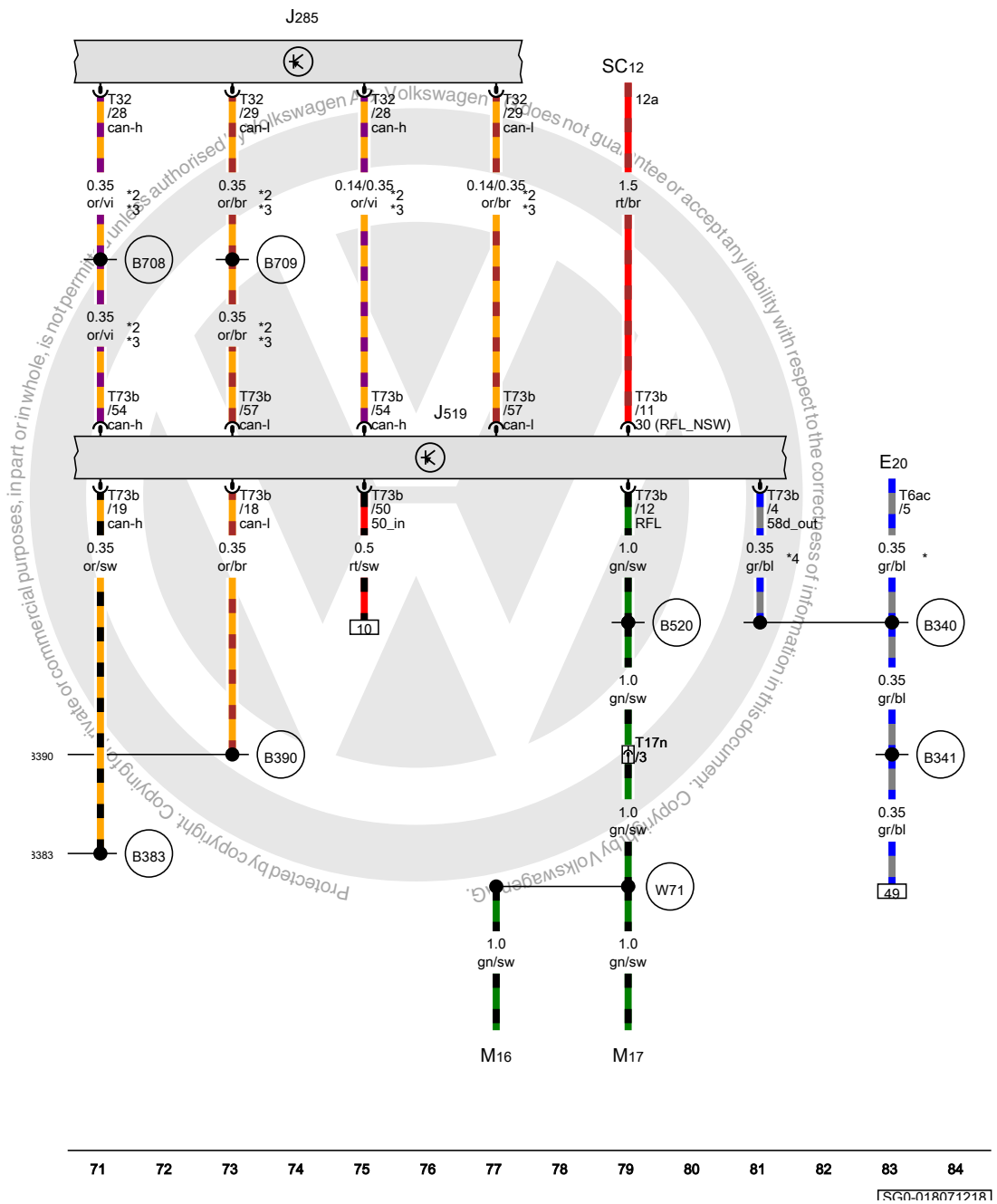

Control unit in dash panel insert, Onboard supply control unit, Fuse 12 on fuse holder C

E20	Switch and instrument illumination regulator
J285	Control unit in dash panel insert
J519	Onboard supply control unit
M16	Left reversing light bulb
M17	Right reversing light bulb
SC12	Fuse 12 on fuse holder C
T6ac	6-pin connector, black
T17n	17-pin connector, green, under seat on front left
T32	32-pin connector, blue
T73b	73-pin connector, white
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B520	Connection (RL), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
W71	Connection (reversing light), in rear wiring harness
*	For models with dimmable instrument illumination
*2	According to equipment
*3	see applicable current flow diagram for CAN bus network
*4	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Dual clutch gearbox (DSG) , CAAA,CAAB,CAAC,(7L3)

From June 2015

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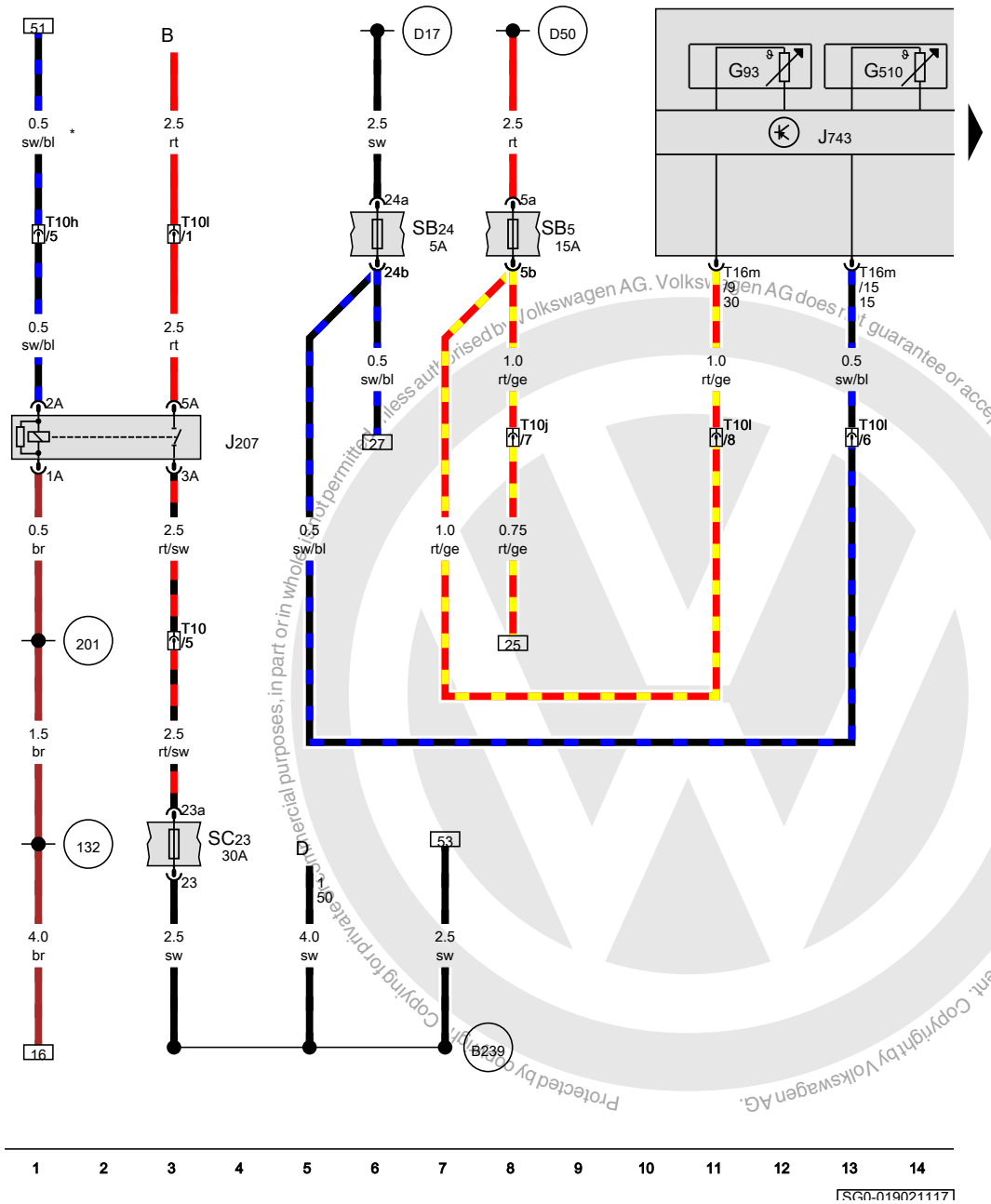

Gearbox oil temperature sender, Temperature sender in control unit, Starter inhibitor relay, Mechatronic unit for dual clutch gearbox, Fuse 5 on fuse holder B, Fuse 23 on fuse holder C, Fuse 24 on fuse holder B

B	Starter
D	Ignition/starter switch
G93	Gearbox oil temperature sender
G510	Temperature sender in control unit
J207	Starter inhibitor relay
J743	Mechatronic unit for dual clutch gearbox
SB5	Fuse 5 on fuse holder B
SC23	Fuse 23 on fuse holder C
SB24	Fuse 24 on fuse holder B
T10	10-pin connector, black, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T10j	10-pin connector, brown, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T16m	16-pin connector, black, on electronic gearbox control unit
132	Earth connection 3, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
B239	Positive connection 1 (50), in interior wiring harness
D17	Positive connection 1 (15), in engine harness
D50	Positive connection (30), in engine compartment wiring harness
*	For models with no electric interface

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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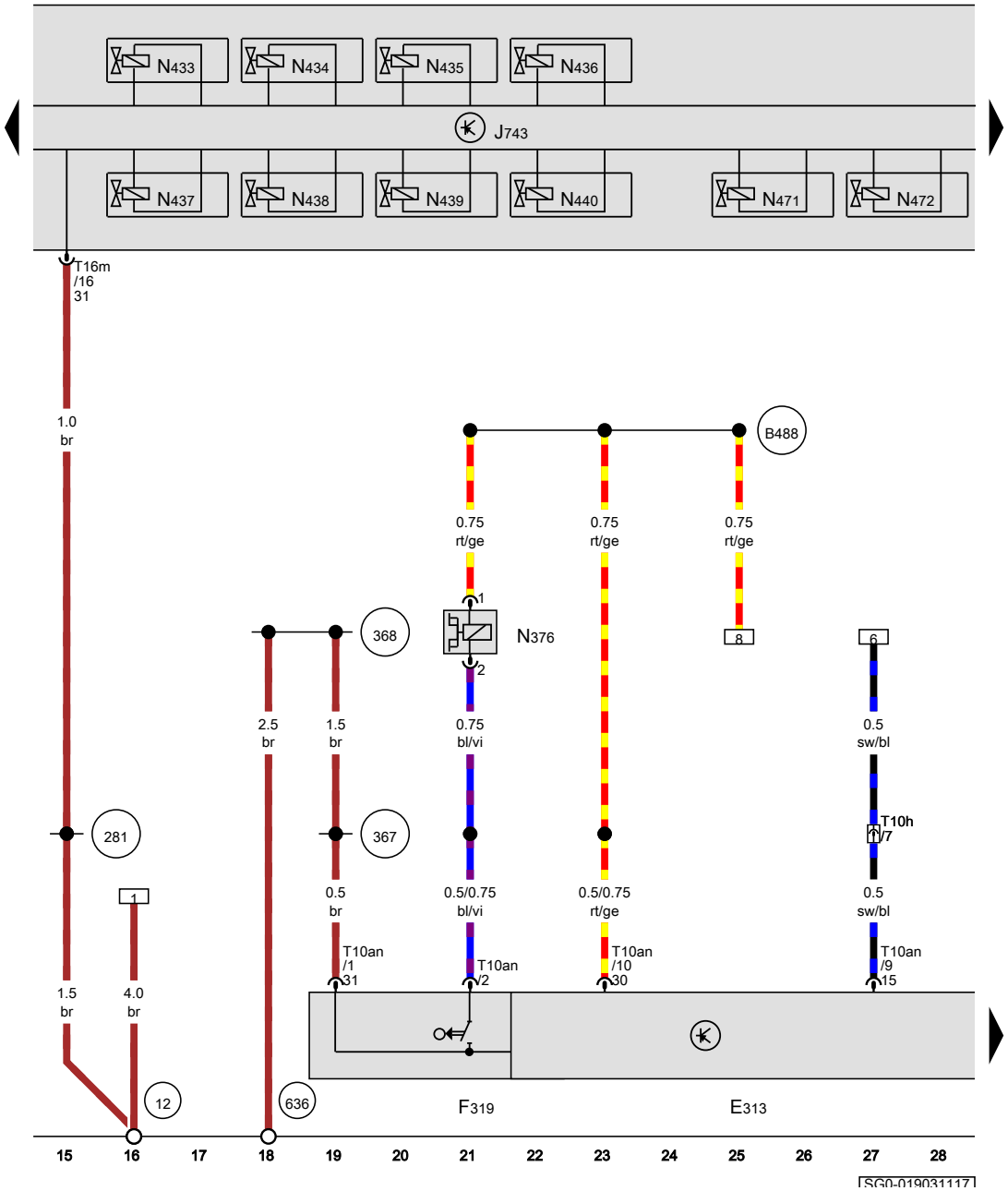
Selector lever, Selector lever locked in position P switch, Mechatronic unit for dual clutch gearbox, Ignition key withdrawal lock solenoid, Valve 1 in gear train half 1, Valve 1 in gear train half 2, Cooling oil valve, Main pressure valve



E313	Selector lever
F319	Selector lever locked in position P switch
J743	Mechatronic unit for dual clutch gearbox
N376	Ignition key withdrawal lock solenoid
N433	Valve 1 in gear train half 1
N434	Valve 2 in gear train half 1
N435	Valve 3 in gear train half 1
N436	Valve 4 in gear train half 1
N437	Valve 1 in gear train half 2
N438	Valve 2 in gear train half 2
N439	Valve 3 in gear train half 2
N440	Valve 4 in gear train half 2
N471	Cooling oil valve
N472	Main pressure valve
T10an	10-pin connector, black
T10h	10-pin connector, orange, in E-box in engine compartment
T16m	16-pin connector, black, on electronic gearbox control unit
12	Earth point, on left in engine compartment
281	Earth point 1, engine prewiring harness
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
636	Earth point, onboard supply control unit
B488	Connection 24, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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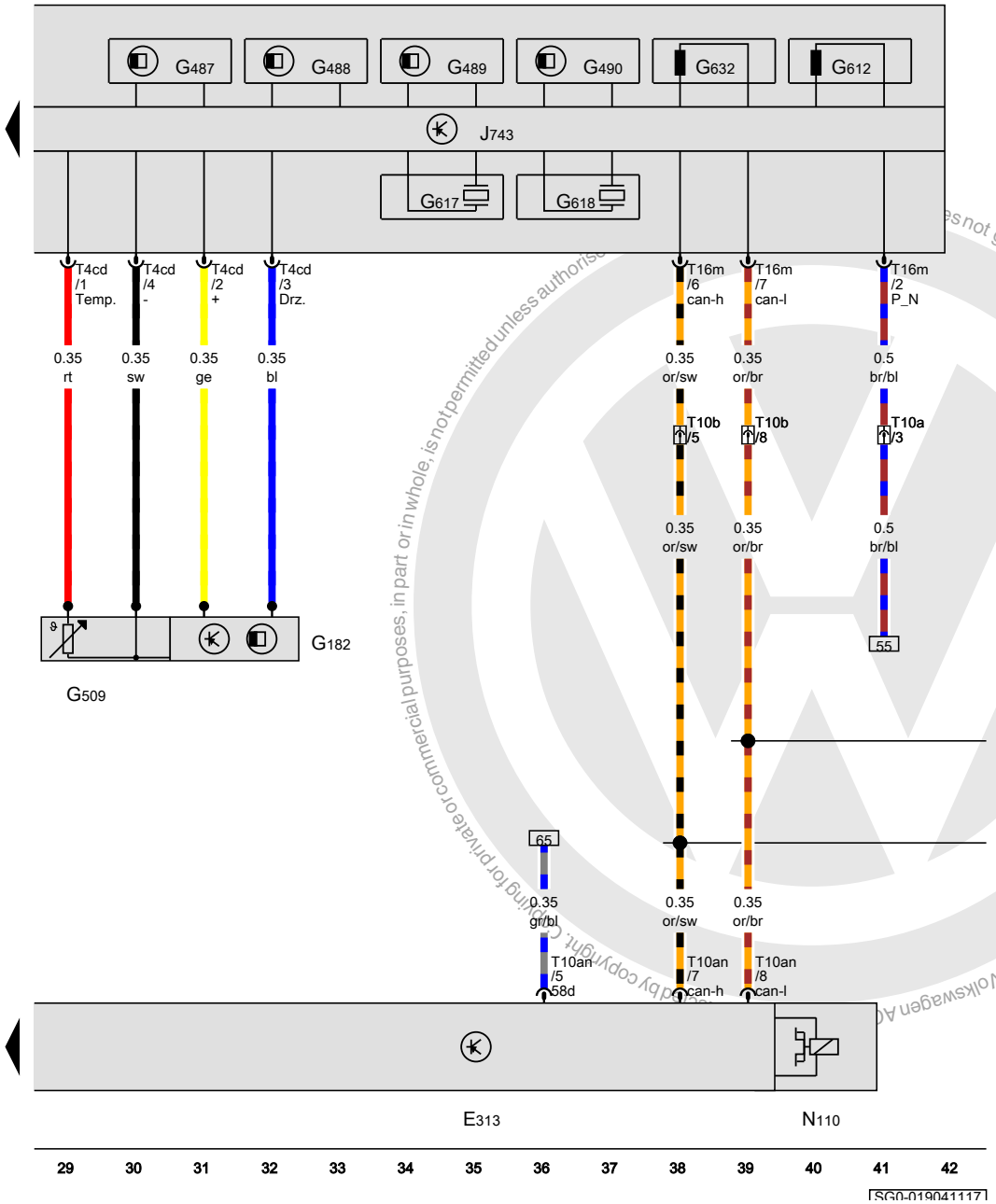
Selector lever, Gearbox input speed sender, Gear selector movement sensor 1, Clutch temperature sender, Clutch travel sender 1, Gearbox input speed sender 1, Mechatronic unit for dual clutch gearbox, Selector lever lock solenoid



E313	Selector lever
G182	Gearbox input speed sender, in gearbox
G487	Gear selector movement sensor 1
G488	Gear selector movement sensor 2
G489	Gear selector movement sensor 3
G490	Gear selector movement sensor 4
G509	Clutch temperature sender, in gearbox
G612	Gearbox input speed sender 2
G617	Clutch travel sender 1
G618	Clutch travel sender 2
G632	Gearbox input speed sender 1
J743	Mechatronic unit for dual clutch gearbox
N110	Selector lever lock solenoid
T4cd	4-pin connector, black, in gearbox
T10a	10-pin connector, brown, in E-box in engine compartment
T10an	10-pin connector, black
T10b	10-pin connector, red, in E-box in engine compartment
T16m	16-pin connector, black, on electronic gearbox control unit
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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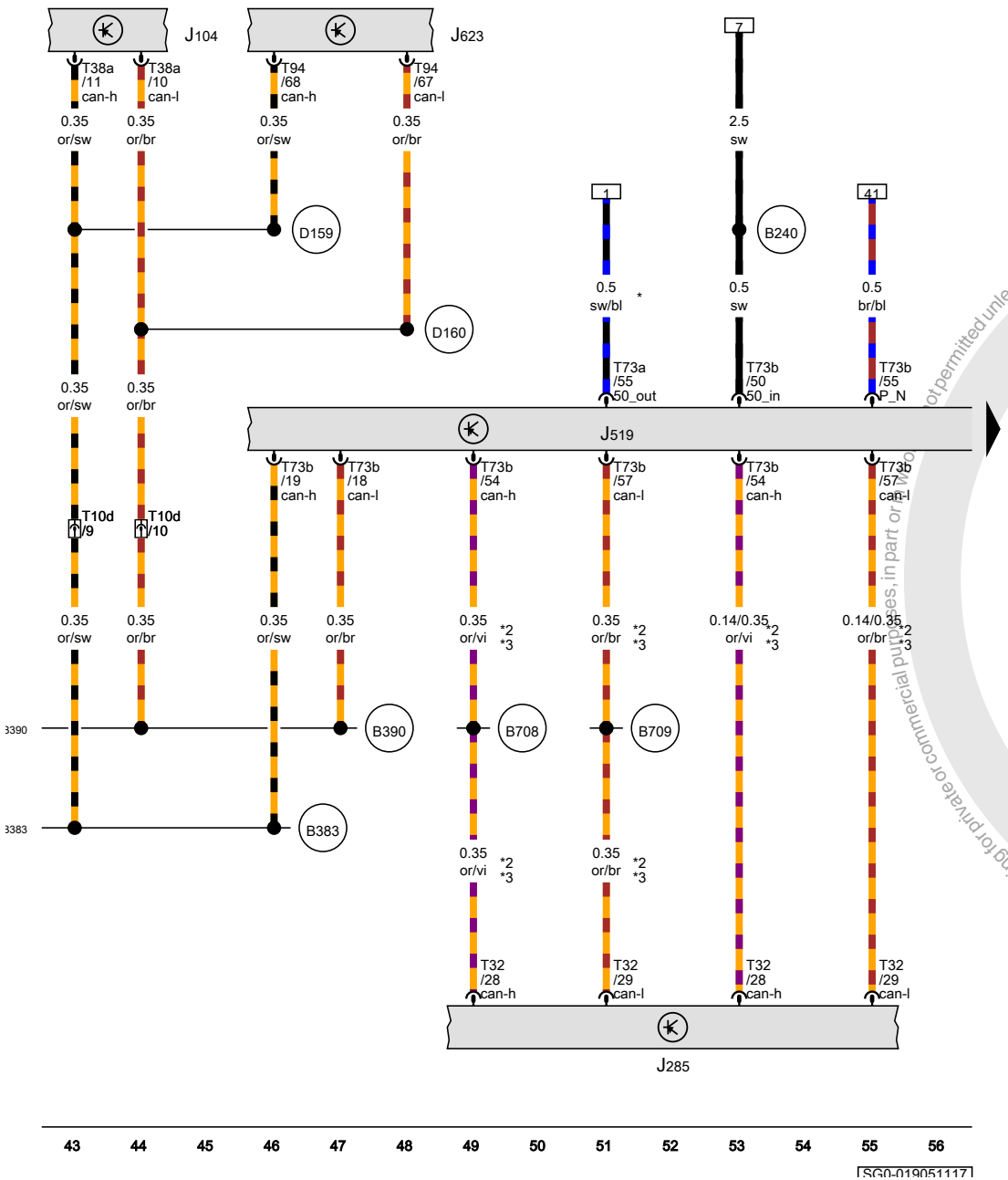

ABS control unit, Control unit in dash panel insert, Onboard supply control unit, Engine/motor control unit

J104	ABS control unit
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J623	Engine/motor control unit, in E-box
T10d	10-pin connector, blue, in E-box in engine compartment
T32	32-pin connector, blue
T38a	38-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
T94	94-pin connector, black
B240	Positive connection 2 (50), in interior wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	For models with no electric interface
*2	According to equipment
*3	see applicable current flow diagram for CAN bus network

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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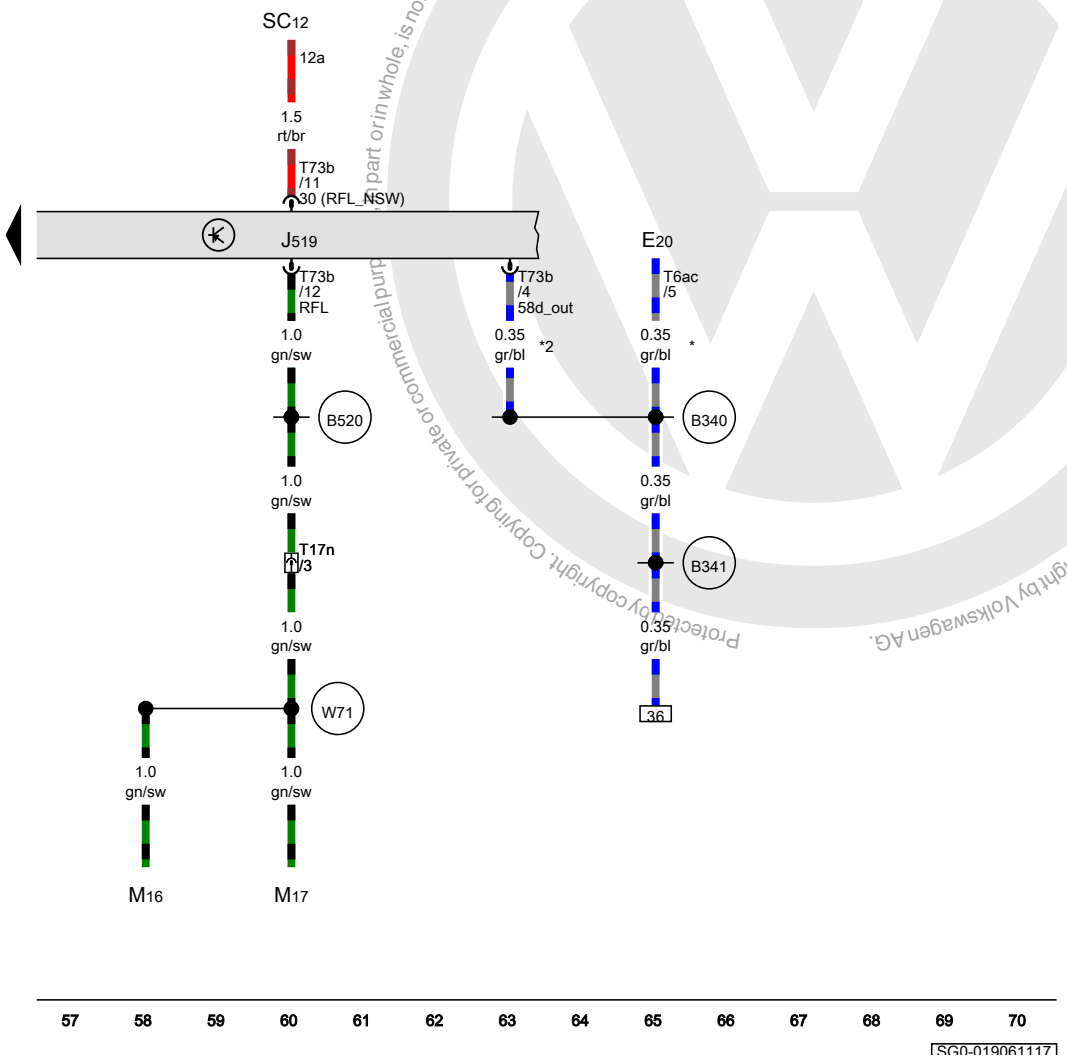
Onboard supply control unit, Fuse 12 on fuse holder C

E20	Switch and instrument illumination regulator
J519	Onboard supply control unit
M16	Left reversing light bulb
M17	Right reversing light bulb
SC12	Fuse 12 on fuse holder C
T6ac	6-pin connector, black
T17n	17-pin connector, green, under seat on front left
T73b	73-pin connector, white
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B520	Connection (RL), in main wiring harness
W71	Connection (reversing light), in rear wiring harness
*	For models with dimmable instrument illumination
*2	For models with no dimmable instrument illumination



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Dual clutch gearbox (DSG) , CAAA,CAAB,CAAC,(7L6)

From June 2015

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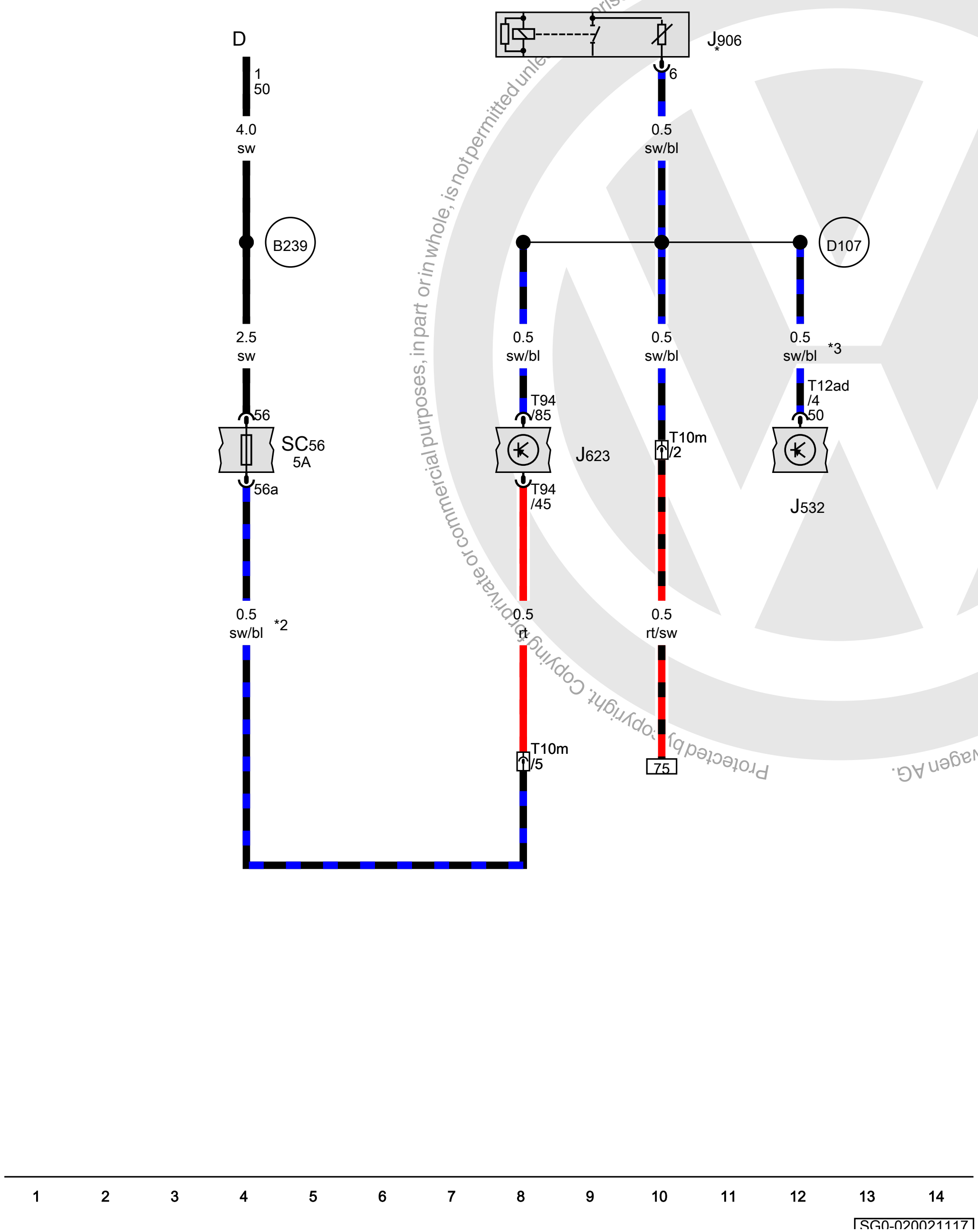
Ignition/starter switch, Voltage stabiliser, Fuse 56 on fuse holder C



D	Ignition/starter switch
J532	Voltage stabiliser
J623	Engine/motor control unit, in E-box in engine compartment
J906	Starter relay 1
SC56	Fuse 56 on fuse holder C
T10m	10-pin connector, light pink, in E-box in engine compartment
T12ad	12-pin connector, black
T94	94-pin connector, black
B239	Positive connection 1 (50), in interior wiring harness
D107	Connection 5 in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	For models with no electric interface
*3	Up to June 2016

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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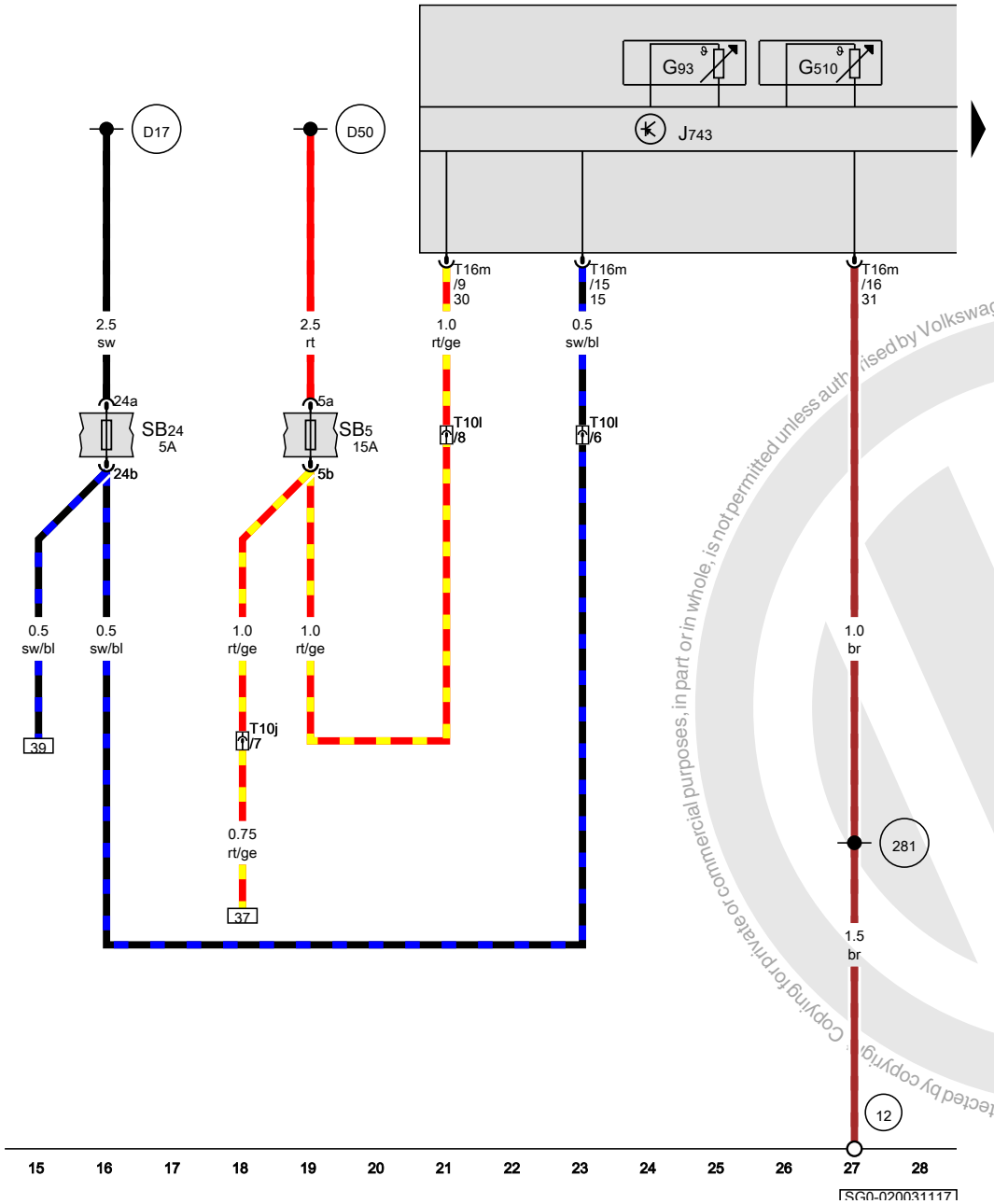
Gearbox oil temperature sender, Temperature sender in control unit, Mechatronic unit for dual clutch gearbox, Fuse 5 on fuse holder B, Fuse 24 on fuse holder B



G93	Gearbox oil temperature sender
G510	Temperature sender in control unit
J743	Mechatronic unit for dual clutch gearbox
SB5	Fuse 5 on fuse holder B
SB24	Fuse 24 on fuse holder B
T10j	10-pin connector, brown, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T16m	16-pin connector, black, on electronic gearbox control unit
12	Earth point, on left in engine compartment
281	Earth point 1, engine prewiring harness
D17	Positive connection 1 (15), in engine harness
D50	Positive connection (30), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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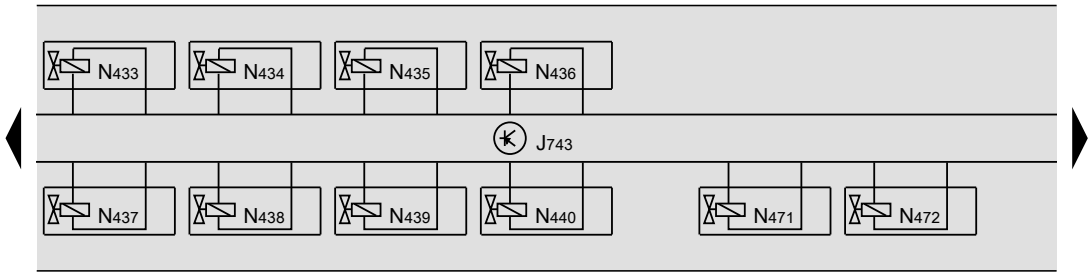
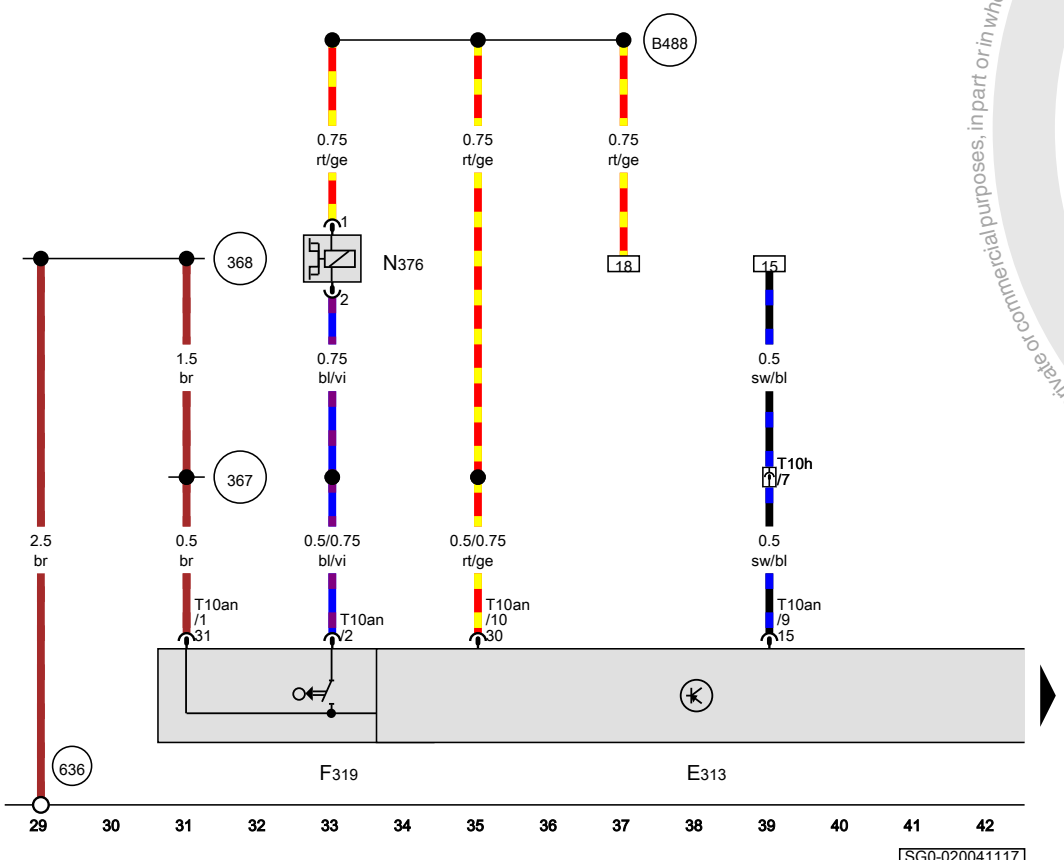
Selector lever, Selector lever locked in position P switch, Mechatronic unit for dual clutch gearbox, Ignition key withdrawal lock solenoid, Valve 1 in gear train half 1, Valve 1 in gear train half 2, Cooling oil valve, Main pressure valve





E313	Selector lever
F319	Selector lever locked in position P switch
J743	Mechatronic unit for dual clutch gearbox
N376	Ignition key withdrawal lock solenoid
N433	Valve 1 in gear train half 1
N434	Valve 2 in gear train half 1
N435	Valve 3 in gear train half 1
N436	Valve 4 in gear train half 1
N437	Valve 1 in gear train half 2
N438	Valve 2 in gear train half 2
N439	Valve 3 in gear train half 2
N440	Valve 4 in gear train half 2
N471	Cooling oil valve
N472	Main pressure valve
T10an	10-pin connector, black
T10h	10-pin connector, orange, in E-box in engine compartment
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
636	Earth point, onboard supply control unit
B488	Connection 24, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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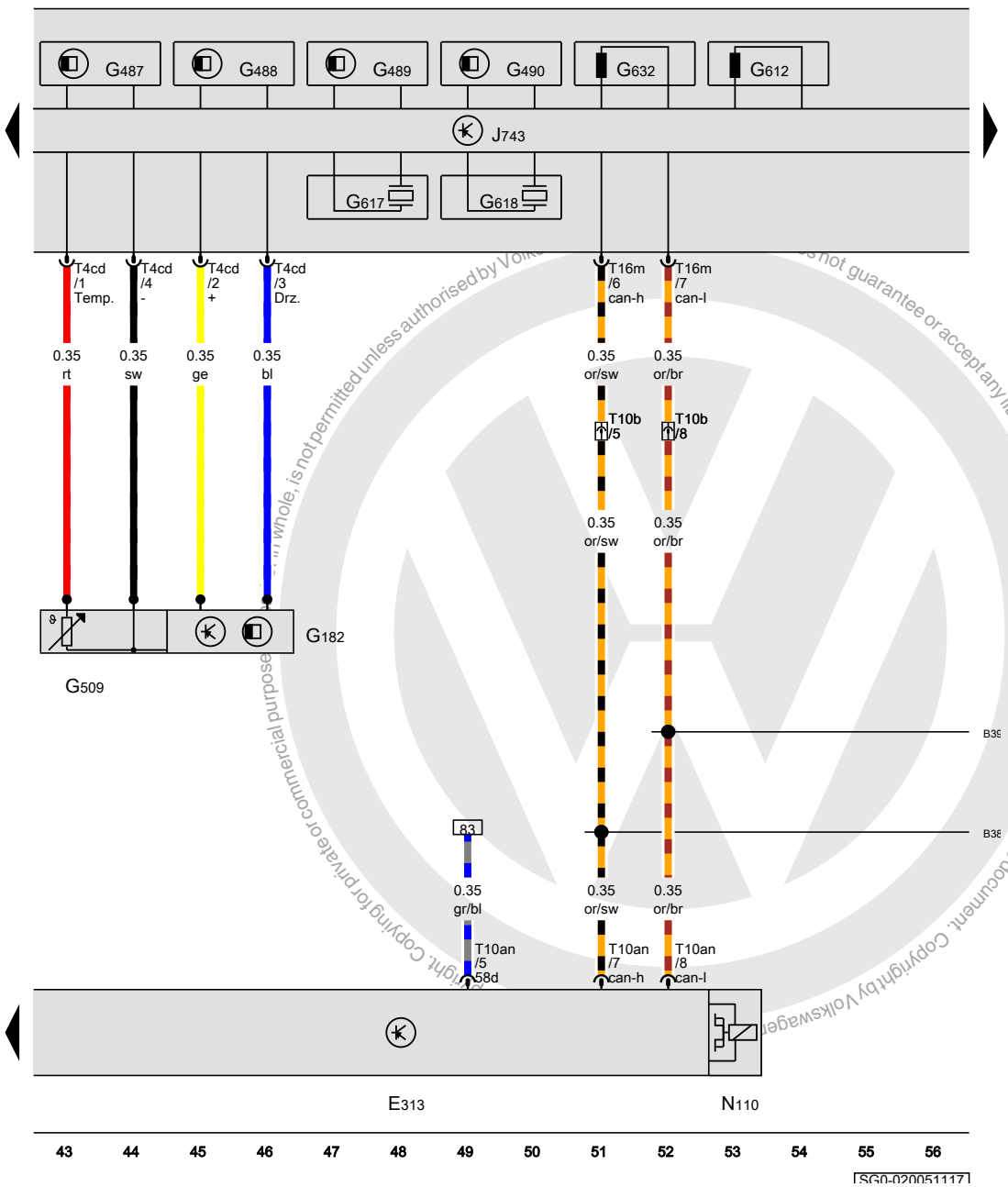
Selector lever, Gearbox input speed sender, Gear selector movement sensor 1, Clutch temperature sender, Clutch travel sender 1, Gearbox input speed sender 1, Mechatronic unit for dual clutch gearbox, Selector lever lock solenoid



E313	Selector lever
G182	Gearbox input speed sender, in gearbox
G487	Gear selector movement sensor 1
G488	Gear selector movement sensor 2
G489	Gear selector movement sensor 3
G490	Gear selector movement sensor 4
G509	Clutch temperature sender, in gearbox
G612	Gearbox input speed sender 2
G617	Clutch travel sender 1
G618	Clutch travel sender 2
G632	Gearbox input speed sender 1
J743	Mechatronic unit for dual clutch gearbox
N110	Selector lever lock solenoid
T4cd	4-pin connector, black, in gearbox
T10an	10-pin connector, black
T10b	10-pin connector, red, in E-box in engine compartment
T16m	16-pin connector, black, on electronic gearbox control unit
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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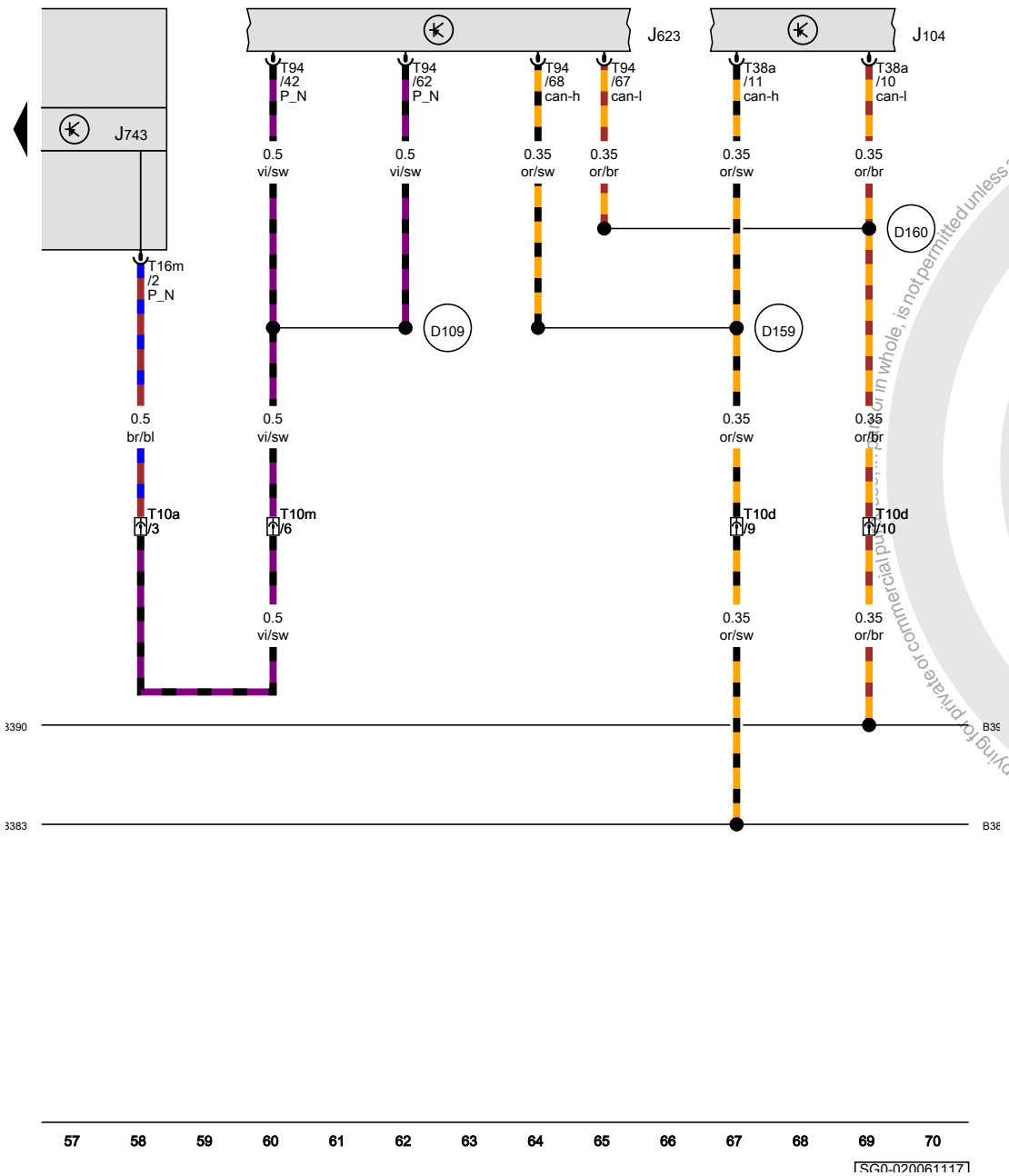
ABS control unit, Engine/motor control unit, Mechatronic unit for dual clutch gearbox



J104	ABS control unit
J623	Engine/motor control unit, in E-box in engine compartment
J743	Mechatronic unit for dual clutch gearbox
T10a	10-pin connector, brown, in E-box in engine compartment
T10d	10-pin connector, blue, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T16m	16-pin connector, black, on electronic gearbox control unit
T38a	38-pin connector, black
T94	94-pin connector, black
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
D109	Connection 7 in engine compartment wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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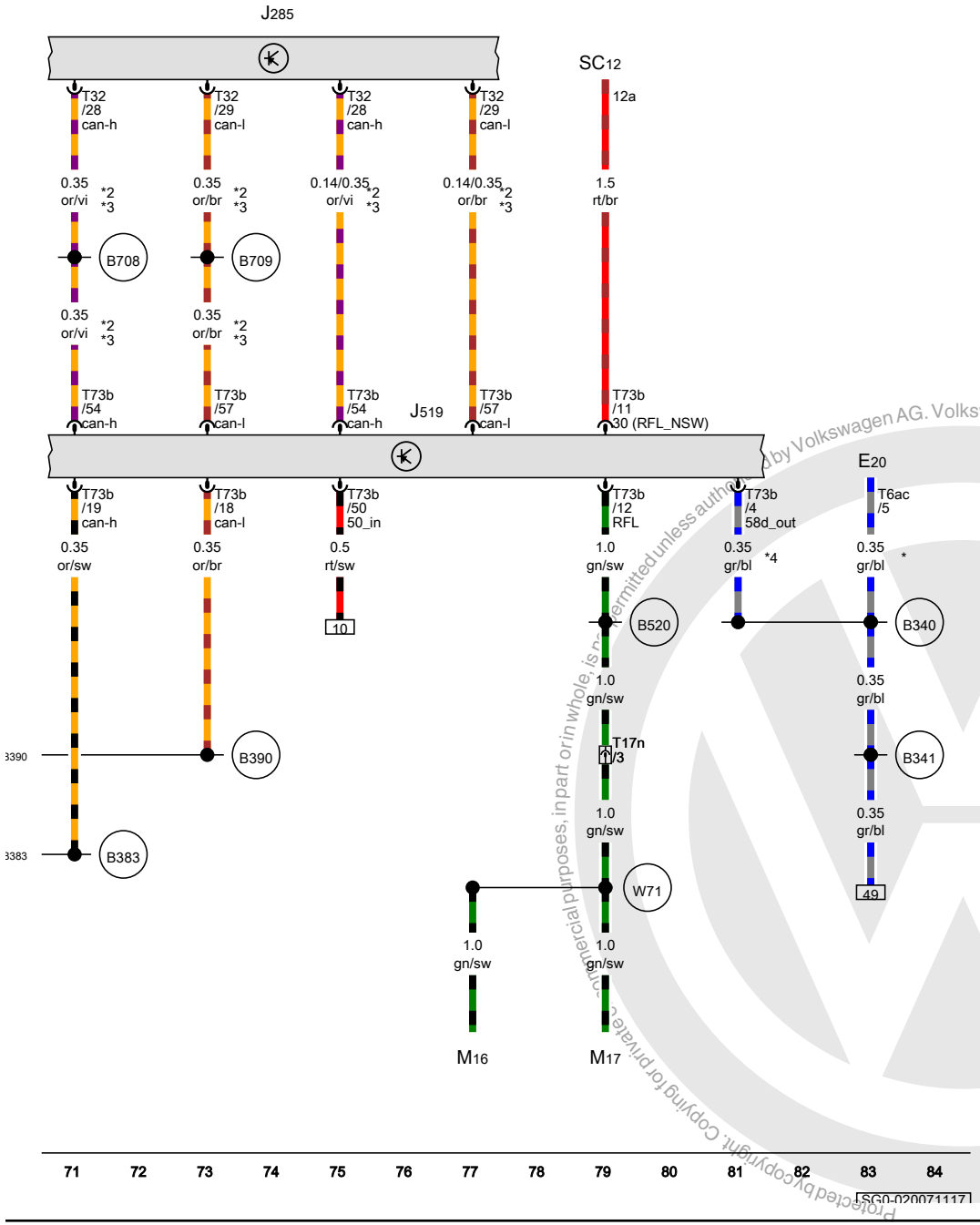

Control unit in dash panel insert, Onboard supply control unit, Fuse 12 on fuse holder C

E20	Switch and instrument illumination regulator
J285	Control unit in dash panel insert
J519	Onboard supply control unit
M16	Left reversing light bulb
M17	Right reversing light bulb
SC12	Fuse 12 on fuse holder C
T6ac	6-pin connector, black
T17n	17-pin connector, green, under seat on front left
T32	32-pin connector, blue
T73b	73-pin connector, white
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B520	Connection (RL), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
W71	Connection (reversing light), in rear wiring harness
*	For models with dimmable instrument illumination
*2	According to equipment
*3	see applicable current flow diagram for CAN bus network
*4	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Headlights with halogen bulbs (H4)

From June 2015

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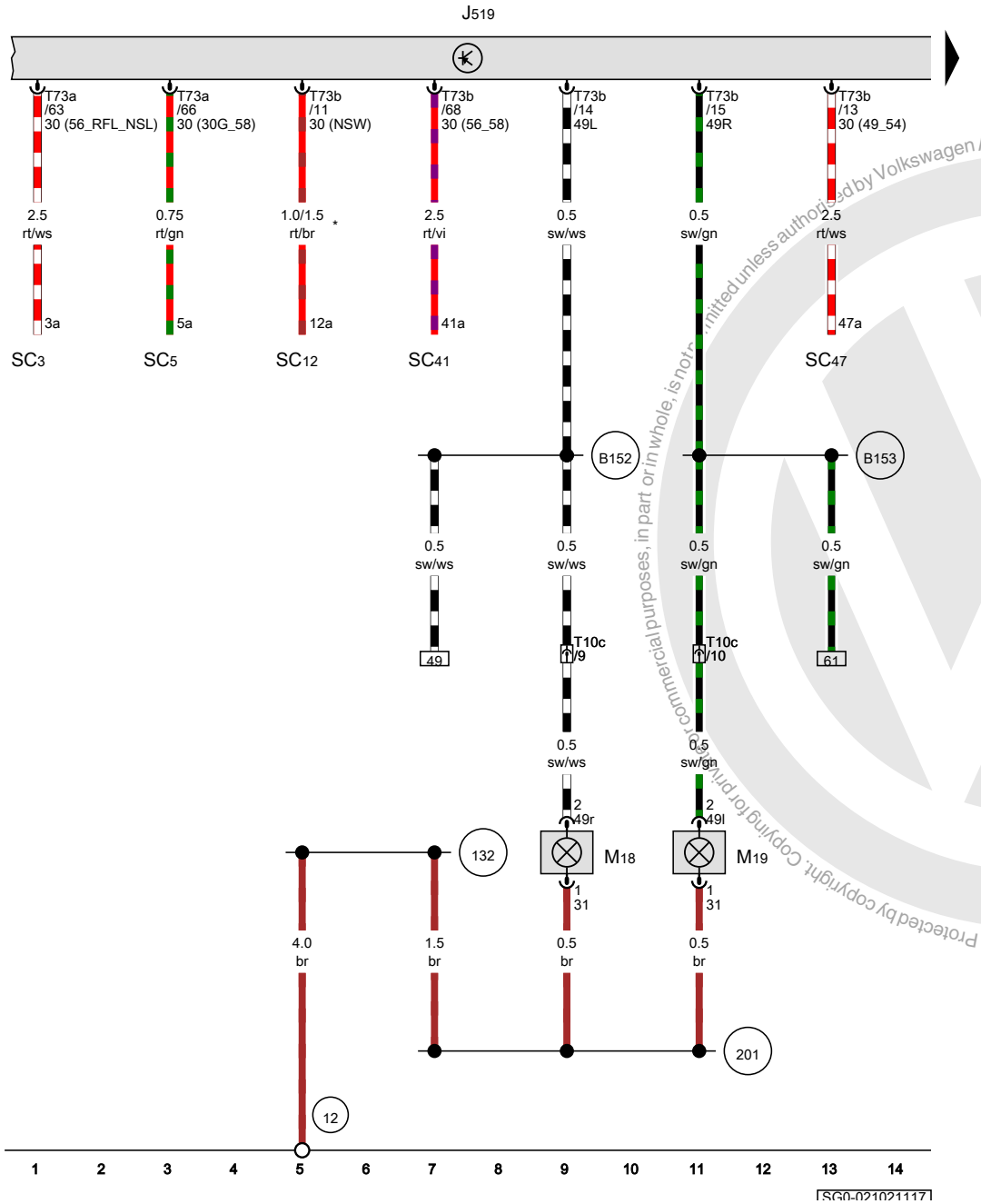
Onboard supply control unit, Left turn signal repeater bulb, Right turn signal repeater bulb, Fuse 3 on fuse holder C, Fuse 5 on fuse holder C, Fuse 12 on fuse holder C, Fuse 41 on fuse holder C, Fuse 47 on fuse holder C



J519	Onboard supply control unit
M18	Left turn signal repeater bulb
M19	Right turn signal repeater bulb
SC3	Fuse 3 on fuse holder C
SC5	Fuse 5 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC47	Fuse 47 on fuse holder C
T10c	10-pin connector, yellow, in E-box in engine compartment
T73a	73-pin connector, black
T73b	73-pin connector, white
12	Earth point, on left in engine compartment
132	Earth connection 3, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
B152	Connection (LTS), in interior wiring harness
B153	Connection (RTS), in interior wiring harness
*	For models with fog lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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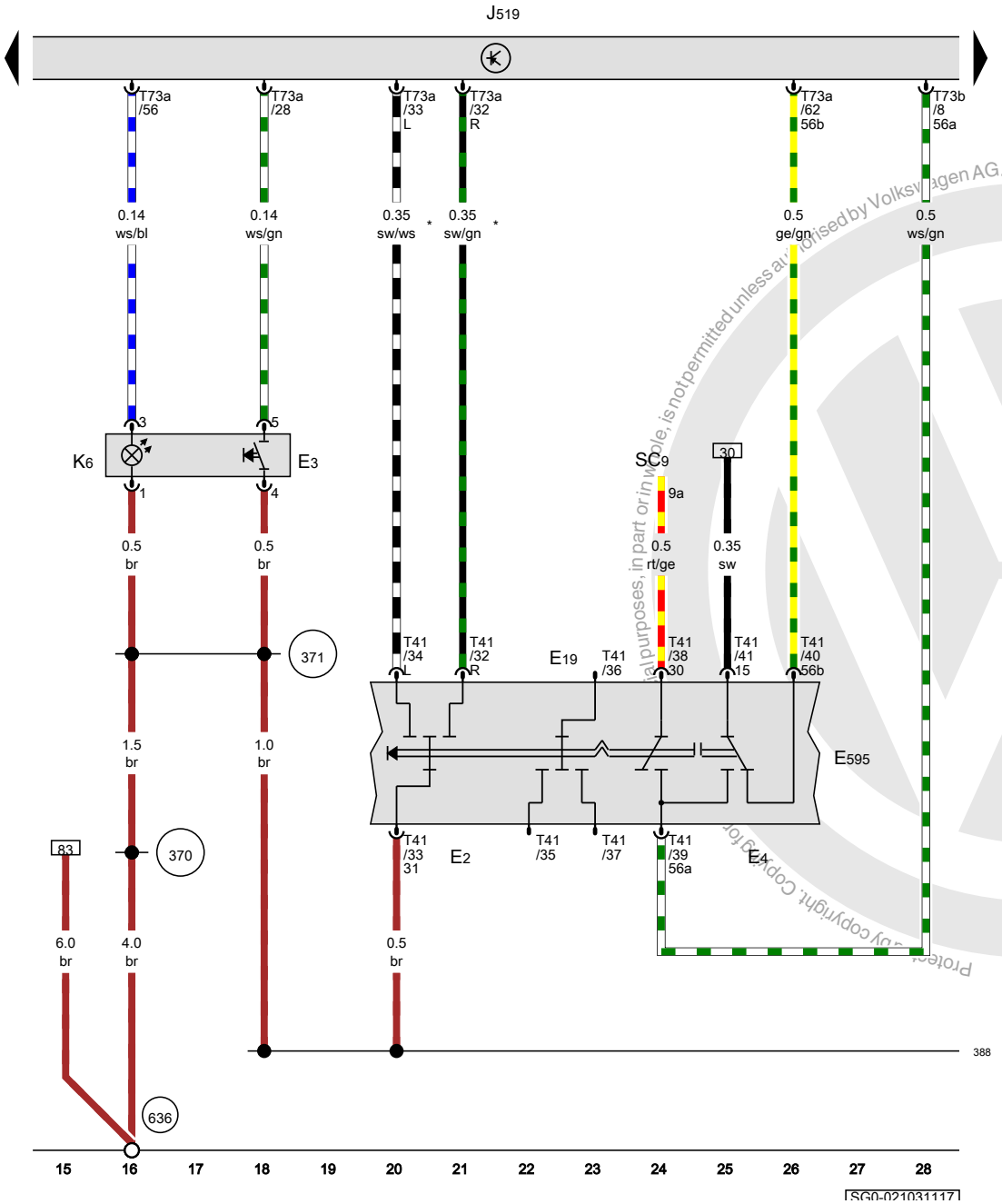

Turn signal switch, Hazard warning light switch, Headlight dipper and flasher switch, Parking light switch, Steering column combination switch, Onboard supply control unit, Indicator lamp for hazard warning light, Fuse 9 on fuse holder C

E2	Turn signal switch
E3	Hazard warning light switch
E4	Headlight dipper and flasher switch
E19	Parking light switch
E595	Steering column combination switch
J519	Onboard supply control unit
K6	Indicator lamp for hazard warning light
SC9	Fuse 9 on fuse holder C
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
388	Earth connection 23, in main wiring harness
636	Earth point, onboard supply control unit
*	For models with no electric interface

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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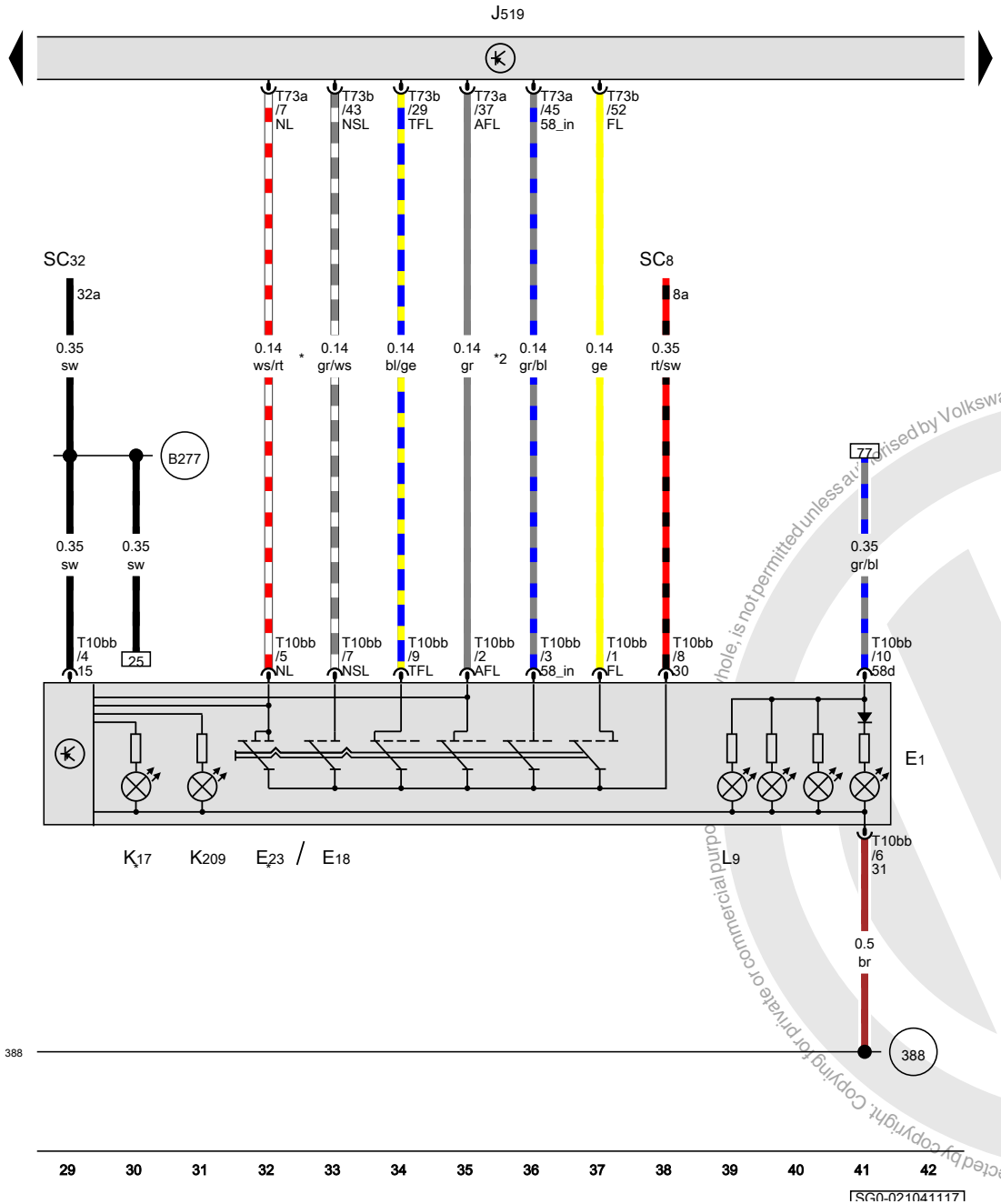
Light switch, Rear fog light switch, Front and rear fog light switch, Onboard supply control unit, Fog light warning lamp, Automatic control of lights warning lamp, Light switch illumination bulb, Fuse 8 on fuse holder C



E1	Light switch
E18	Rear fog light switch
E23	Front and rear fog light switch
J519	Onboard supply control unit
K17	Fog light warning lamp
K209	Automatic control of lights warning lamp
L9	Light switch illumination bulb
SC8	Fuse 8 on fuse holder C
SC32	Fuse 32 on fuse holder C
T10bb	10-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
388	Earth connection 23, in main wiring harness
B277	Positive connection 1 (15a) in main wiring harness
*	For models with fog lights
*2	For models with automatic headlight control

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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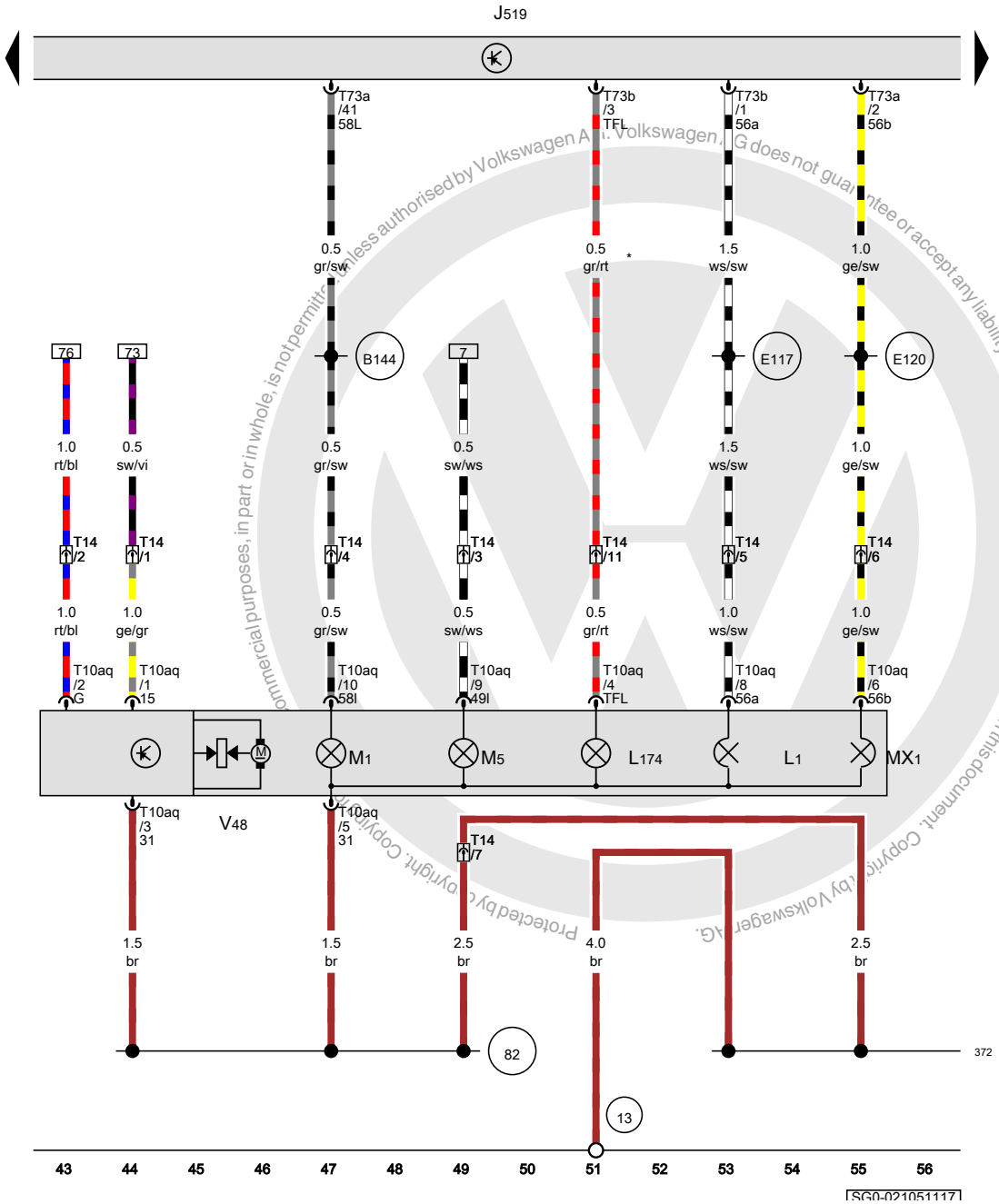

Onboard supply control unit, Front left headlight, Left headlight range control motor

J519	Onboard supply control unit
L1	Left headlight twin filament bulb
L174	Left daytime running light bulb
MX1	Front left headlight
M1	Left side light bulb
M5	Front left turn signal bulb
T10aq	10-pin connector, black
T14	14-pin connector, black, near horn, dual tone horn
T73a	73-pin connector, black
T73b	73-pin connector, white
V48	Left headlight range control motor
13	Earth point, on right in engine compartment
82	Earth connection 1, in front left wiring harness
372	Earth connection 7, in main wiring harness
B144	Positive connection (58L), in interior wiring harness
E117	Connection (56a, left), in dash panel wiring harness
E120	Connection (56b, left), in dash panel wiring harness
*	For models with daytime running lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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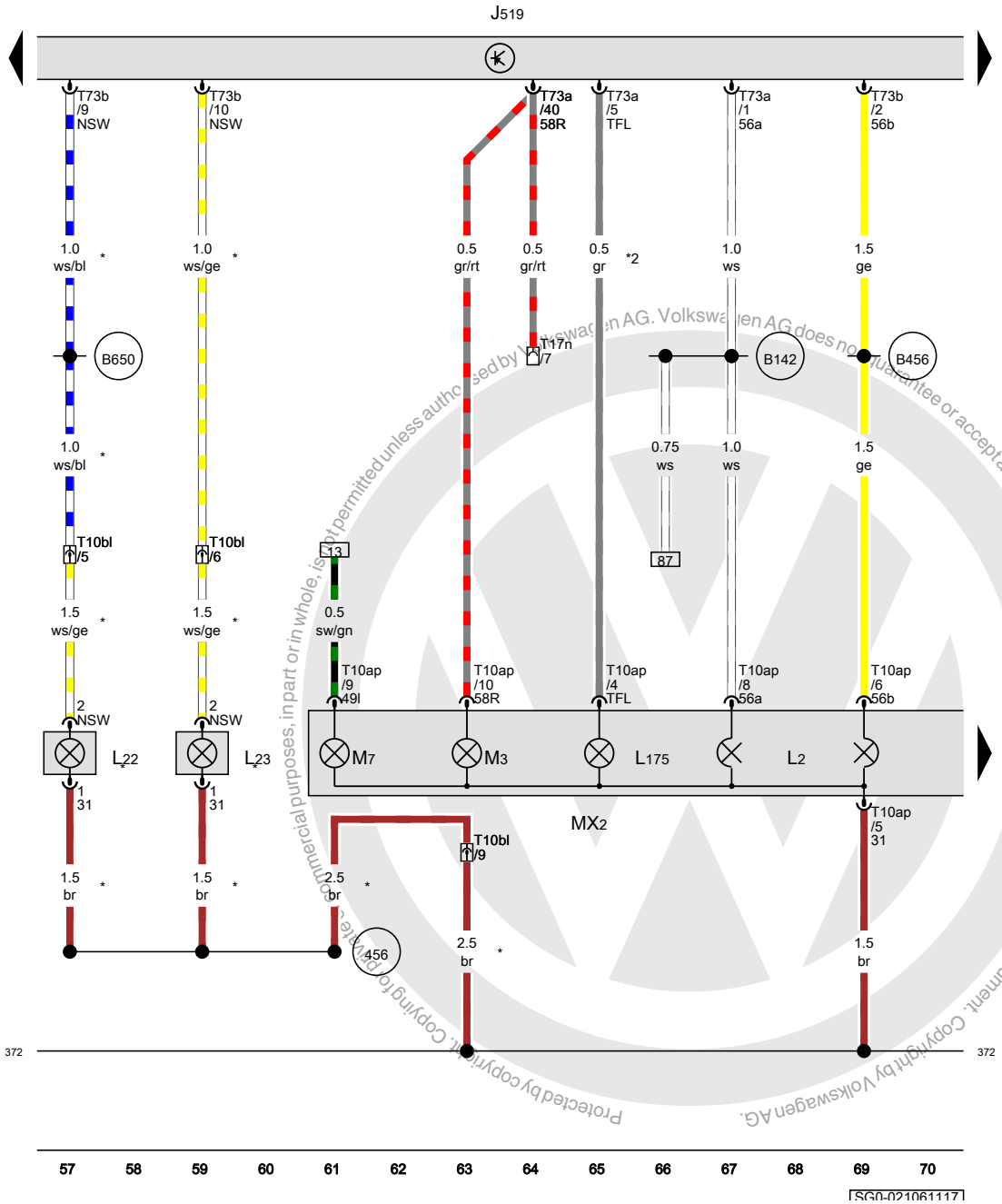

Onboard supply control unit, Left fog light bulb, Right fog light bulb, Front right headlight

J519	Onboard supply control unit
L2	Right headlight twin filament bulb
L22	Left fog light bulb
L23	Right fog light bulb
L175	Right daytime running light bulb
MX2	Front right headlight
M3	Right side light bulb
M7	Front right turn signal bulb
T10ap	10-pin connector, black
T10bl	10-pin connector, black, near horn, dual tone horn
T17n	17-pin connector, light green, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
372	Earth connection 7, in main wiring harness
456	Earth connection 1, front bumper wiring harness
B142	Positive connection 2 (56a), in interior wiring harness
B456	Connection (56b), in main wiring harness
B650	Connection 8, in interior wiring harness
*	For models with fog lights
*2	For models with daytime running lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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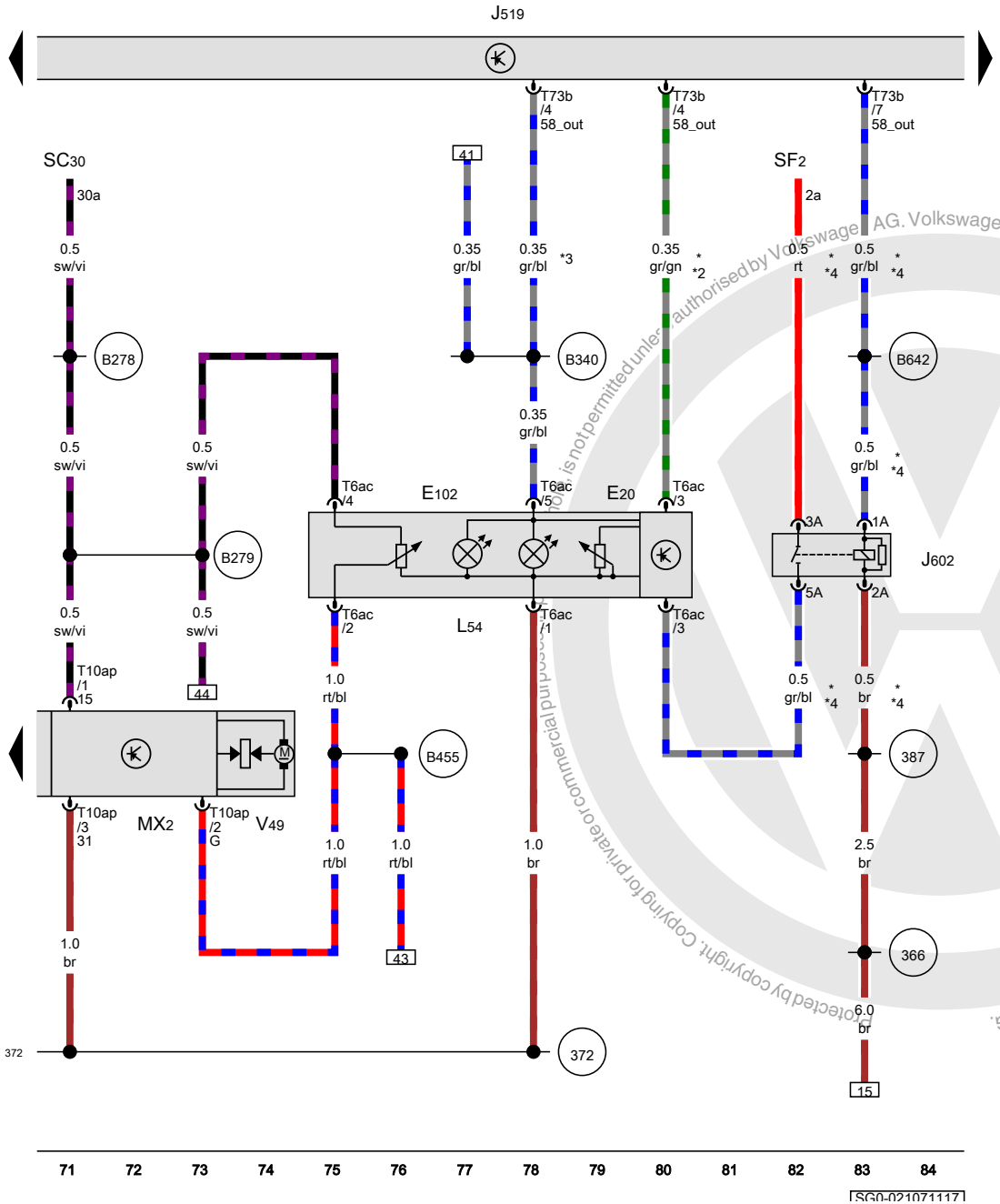

Switch and instrument illumination regulator, Headlight range control regulator, Onboard supply control unit, Front right headlight, Fuse 2 in fuse holder F, Fuse 30 on fuse holder C, Right headlight range control motor

E20	Switch and instrument illumination regulator
E102	Headlight range control regulator
J519	Onboard supply control unit
J602	Interior light relay
L54	Headlight range control regulator illumination bulb
MX2	Front right headlight
SF2	Fuse 2 in fuse holder F
SC30	Fuse 30 on fuse holder C
T6ac	6-pin connector, black
T10ap	10-pin connector, black
T73b	73-pin connector, white
V49	Right headlight range control motor
366	Earth connection 1, in main wiring harness
372	Earth connection 7, in main wiring harness
387	Earth connection 22, in main wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B455	Connection (HRC), in main wiring harness
B642	Positive connection (58), in main wiring harness
*	For models with dimmable instrument illumination
*2	For models with no background lighting
*3	For models with no dimmable instrument illumination
*4	For models with background lighting

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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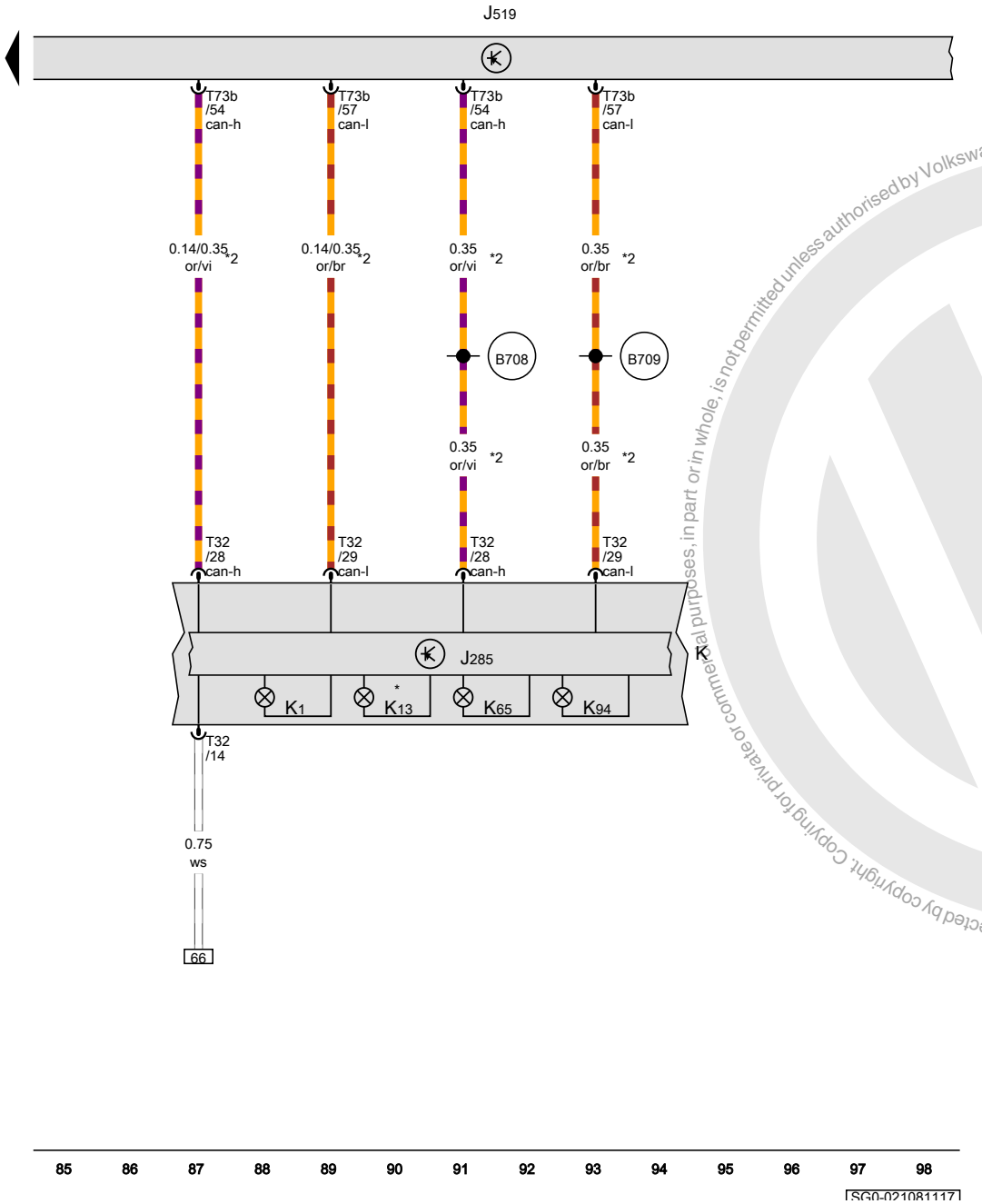

Onboard supply control unit, Dash panel insert

J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K1	Main beam warning lamp
K13	Rear fog light warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
T32	32-pin connector, blue
T73b	73-pin connector, white
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	For models with rear fog light
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Headlights with halogen bulbs (H7)

From June 2015

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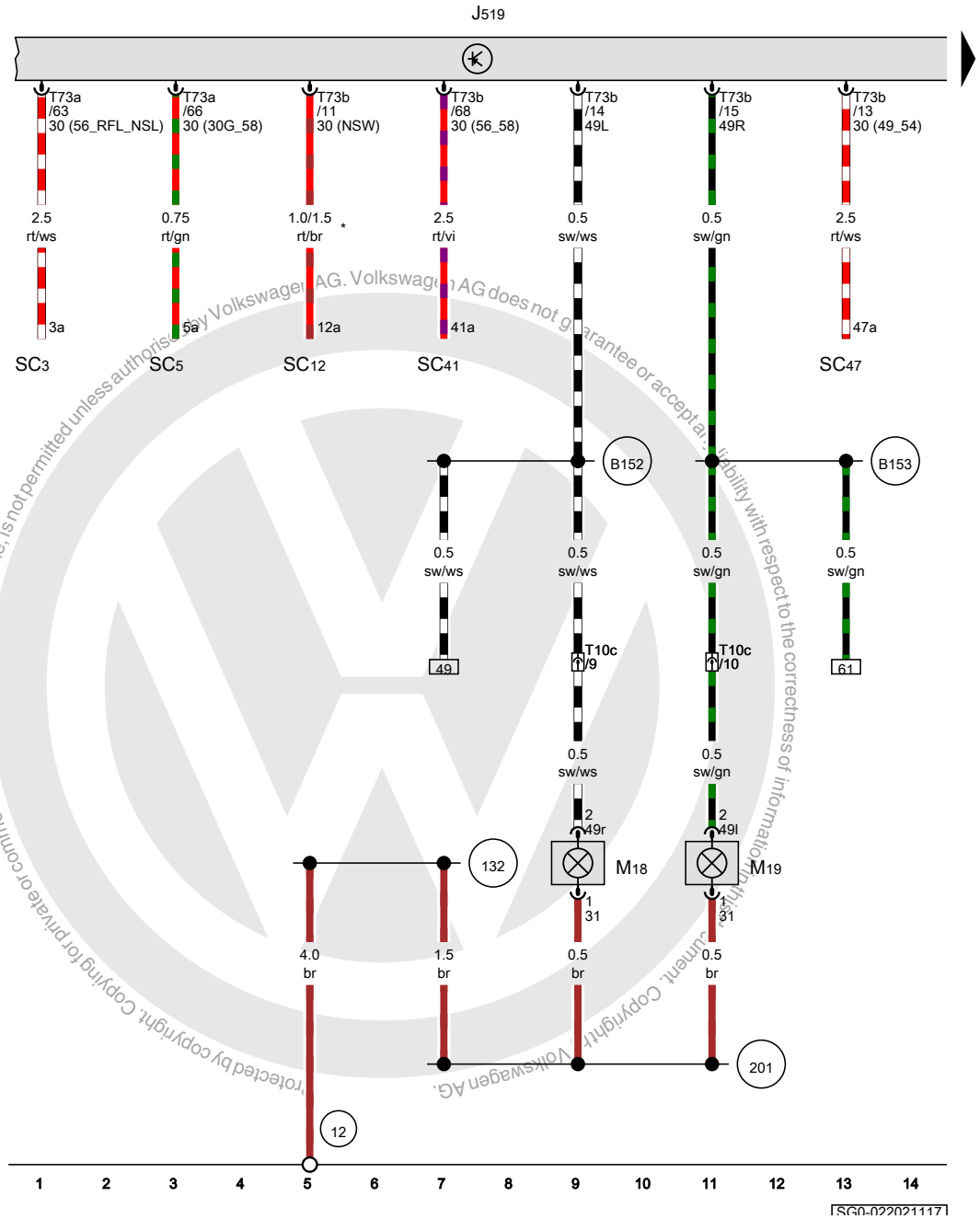

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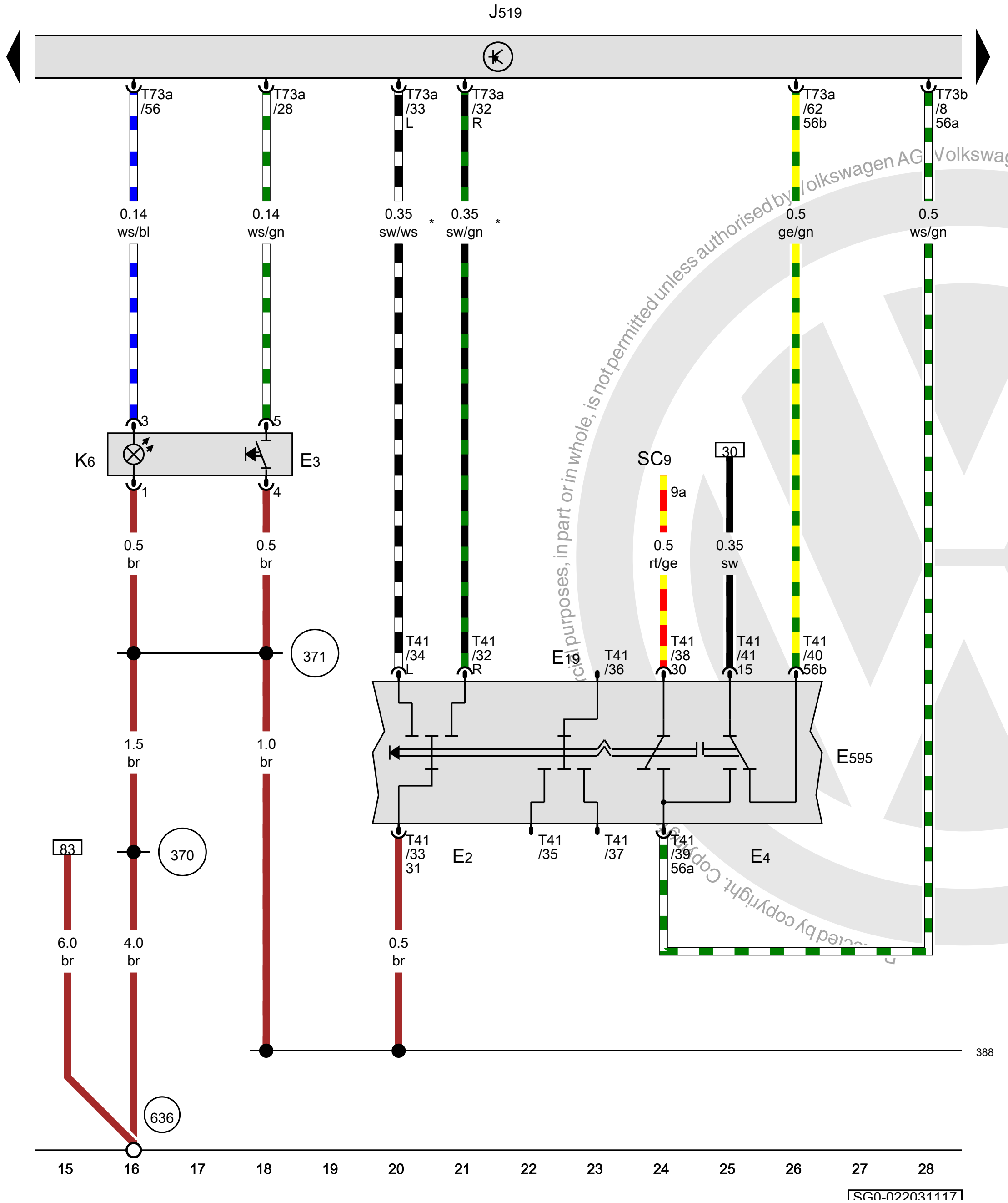
Onboard supply control unit, Left turn signal repeater bulb, Right turn signal repeater bulb, Fuse 3 on fuse holder C, Fuse 5 on fuse holder C, Fuse 12 on fuse holder C, Fuse 41 on fuse holder C, Fuse 47 on fuse holder C

J519	Onboard supply control unit
M18	Left turn signal repeater bulb
M19	Right turn signal repeater bulb
SC3	Fuse 3 on fuse holder C
SC5	Fuse 5 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC47	Fuse 47 on fuse holder C
T10c	10-pin connector, yellow, in E-box in engine compartment
T73a	73-pin connector, black
T73b	73-pin connector, white
12	Earth point, on left in engine compartment
132	Earth connection 3, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
B152	Connection (LTS), in interior wiring harness
B153	Connection (RTS), in interior wiring harness
*	For models with fog lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Turn signal switch, Hazard warning light switch, Headlight dipper and flasher switch, Parking light switch, Steering column combination switch, Onboard supply control unit, Indicator lamp for hazard warning light, Fuse 9 on fuse holder C



E2	Turn signal switch
E3	Hazard warning light switch
E4	Headlight dipper and flasher switch
E19	Parking light switch
E595	Steering column combination switch
J519	Onboard supply control unit
K6	Indicator lamp for hazard warning light
SC9	Fuse 9 on fuse holder C
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
388	Earth connection 23, in main wiring harness
636	Earth point, onboard supply control unit
*	For models with no electric interface

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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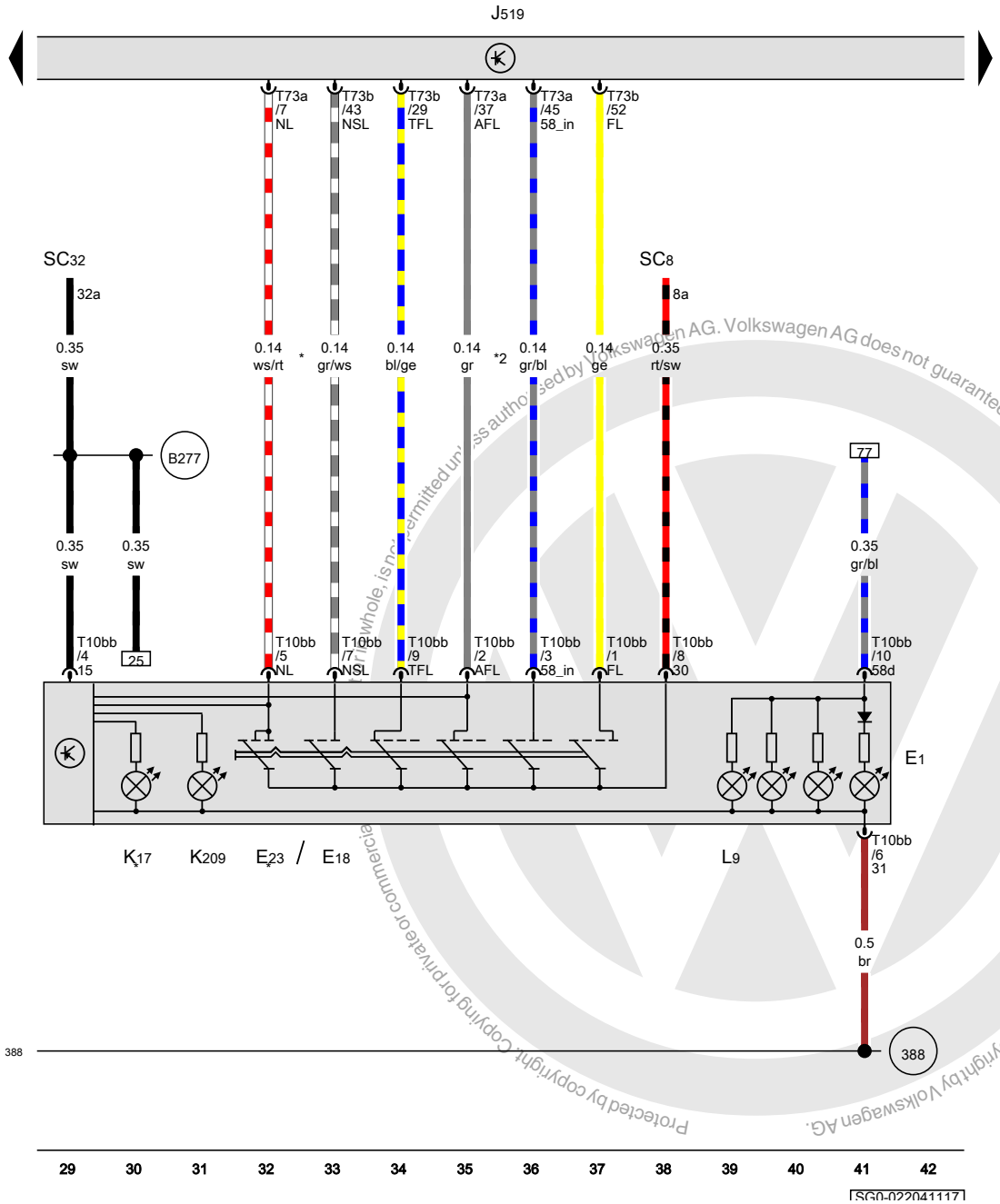

Light switch, Rear fog light switch, Front and rear fog light switch, Onboard supply control unit, Fog light warning lamp, Automatic control of lights warning lamp, Light switch illumination bulb, Fuse 8 on fuse holder C

E1	Light switch
E18	Rear fog light switch
E23	Front and rear fog light switch
J519	Onboard supply control unit
K17	Fog light warning lamp
K209	Automatic control of lights warning lamp
L9	Light switch illumination bulb
SC8	Fuse 8 on fuse holder C
SC32	Fuse 32 on fuse holder C
T10bb	10-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
388	Earth connection 23, in main wiring harness
B277	Positive connection 1 (15a) in main wiring harness
*	For models with fog lights
*2	For models with automatic headlight control

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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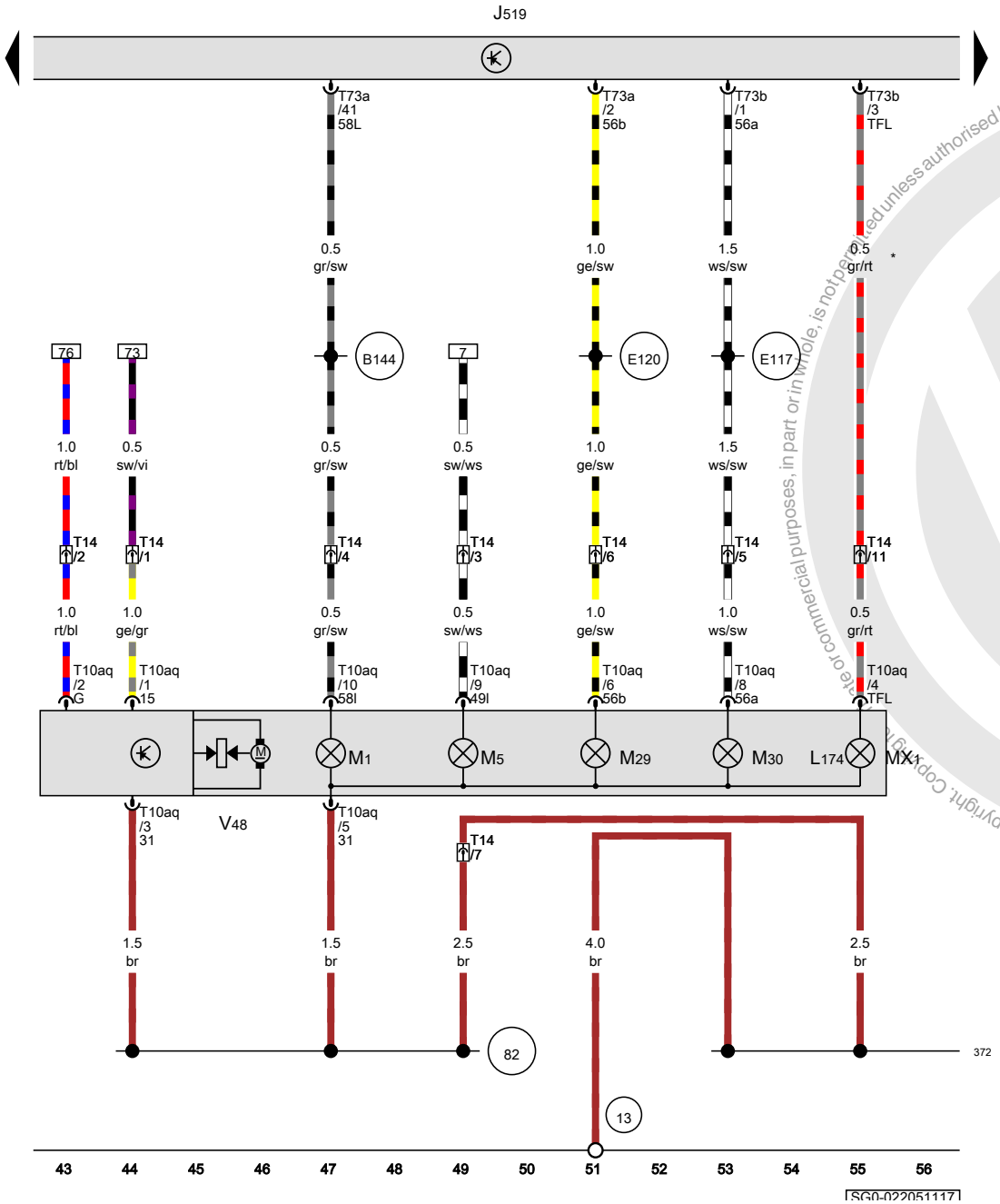

Onboard supply control unit, Front left headlight, Left headlight range control motor

J519	Onboard supply control unit
L174	Left daytime running light bulb
M1	Left side light bulb
MX1	Front left headlight
M5	Front left turn signal bulb
M29	Left headlight dipped beam bulb
M30	Left headlight main beam bulb
T10aq	10-pin connector, black
T14	14-pin connector, black, near horn, dual tone horn
T73a	73-pin connector, black
T73b	73-pin connector, white
V48	Left headlight range control motor
13	Earth point, on right in engine compartment
82	Earth connection 1, in front left wiring harness
372	Earth connection 7, in main wiring harness
B144	Positive connection (58L), in interior wiring harness
E117	Connection (56a, left), in dash panel wiring harness
E120	Connection (56b, left), in dash panel wiring harness
*	For models with daytime running lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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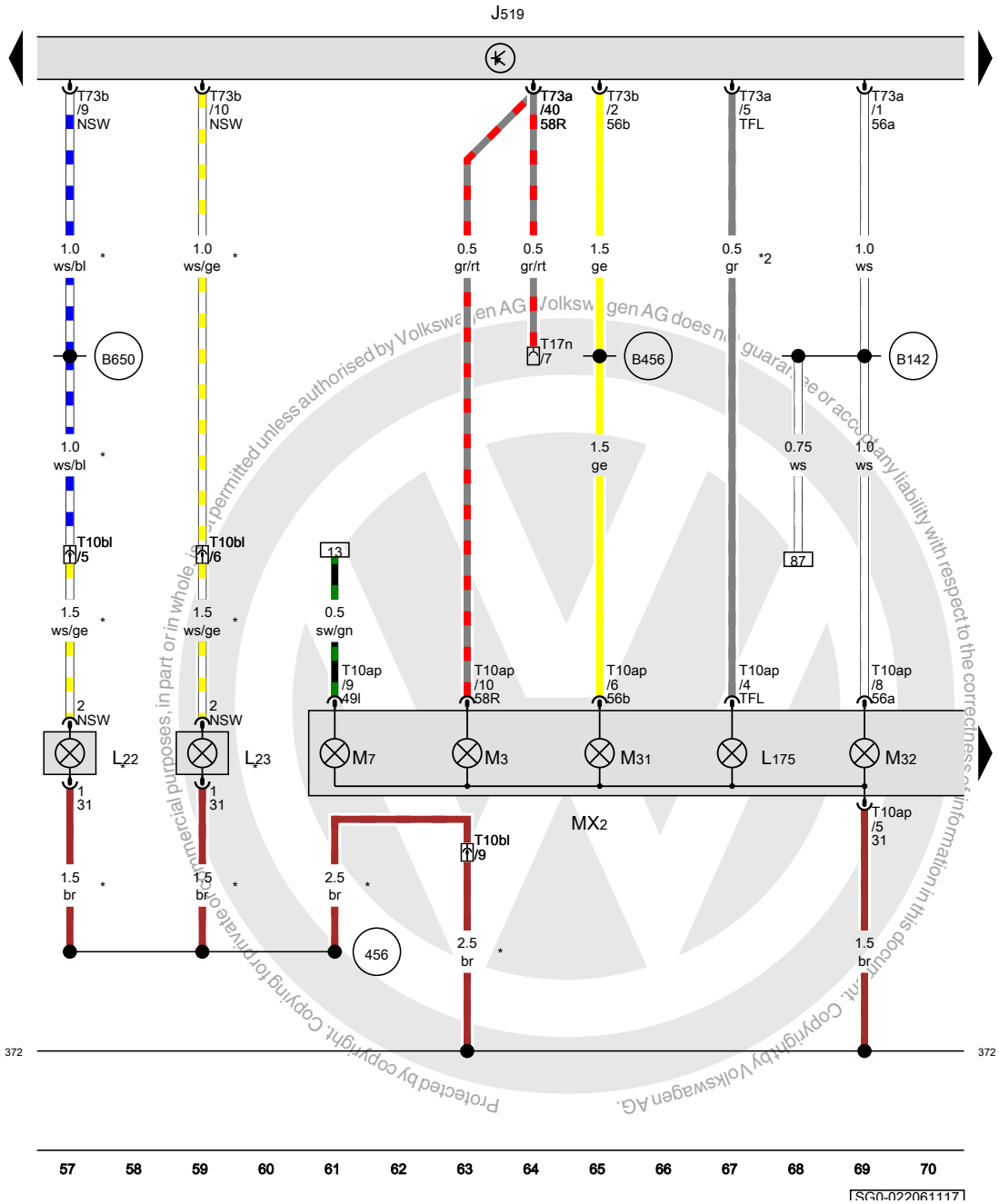

Onboard supply control unit, Left fog light bulb, Right fog light bulb, Front right headlight

J519	Onboard supply control unit
L22	Left fog light bulb
L23	Right fog light bulb
L175	Right daytime running light bulb
MX2	Front right headlight
M3	Right side light bulb
M7	Front right turn signal bulb
M31	Right headlight dipped beam bulb
M32	Right headlight main beam bulb
T10ap	10-pin connector, black
T10bl	10-pin connector, black, near horn, dual tone horn
T17n	17-pin connector, light green, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
372	Earth connection 7, in main wiring harness
456	Earth connection 1, front bumper wiring harness
B142	Positive connection 2 (56a), in interior wiring harness
B456	Connection (56b), in main wiring harness
B650	Connection 8, in interior wiring harness
*	For models with fog lights
*2	For models with daytime running lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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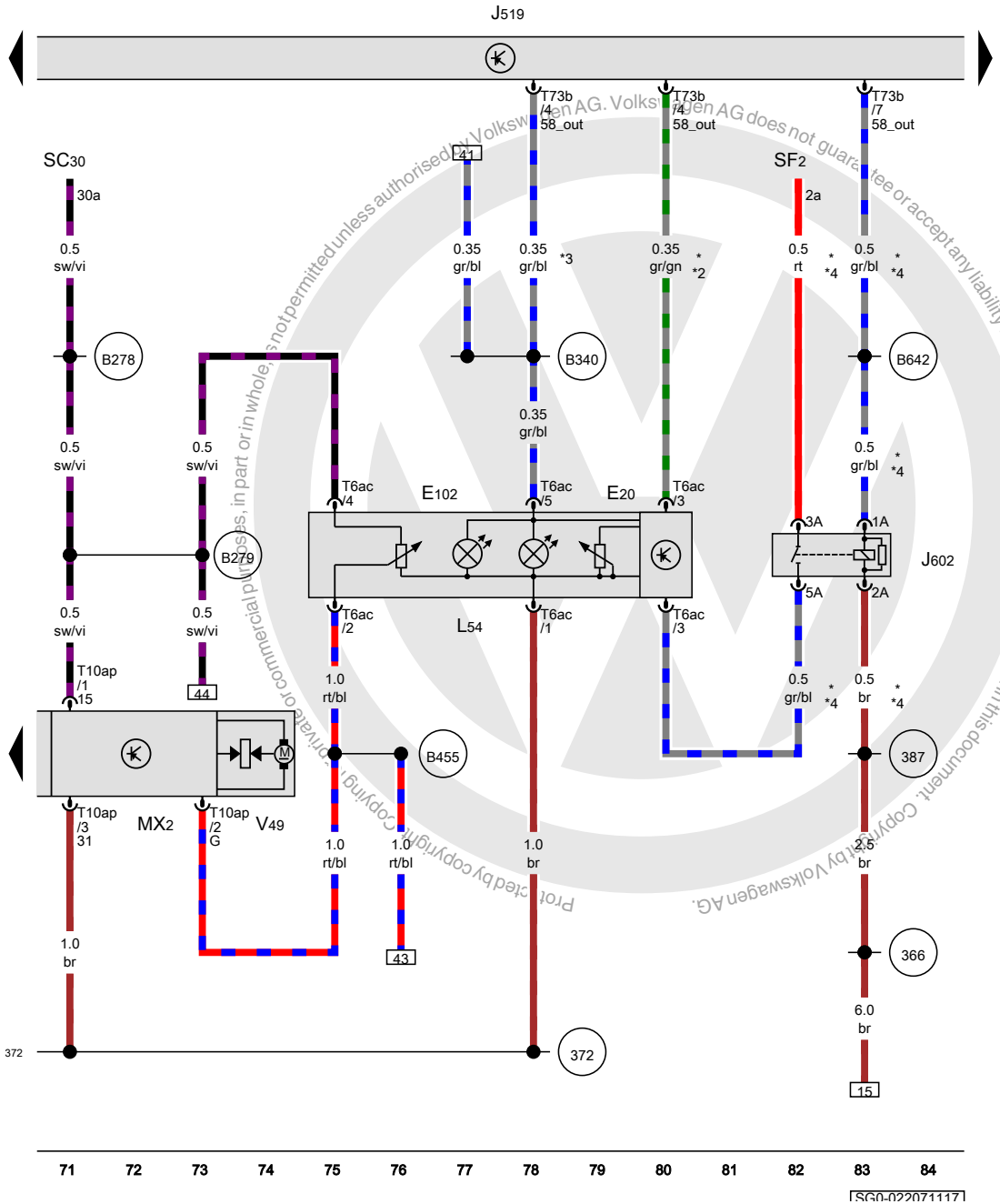

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Switch and instrument illumination regulator, Headlight range control regulator, Onboard supply control unit, Front right headlight, Fuse 2 in fuse holder F, Fuse 30 on fuse holder C, Right headlight range control motor

E20	Switch and instrument illumination regulator
E102	Headlight range control regulator
J519	Onboard supply control unit
J602	Interior light relay
L54	Headlight range control regulator illumination bulb
MX2	Front right headlight
SF2	Fuse 2 in fuse holder F
SC30	Fuse 30 on fuse holder C
T6ac	6-pin connector, black
T10ap	10-pin connector, black
T73b	73-pin connector, white
V49	Right headlight range control motor
366	Earth connection 1, in main wiring harness
372	Earth connection 7, in main wiring harness
387	Earth connection 22, in main wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B455	Connection (HRC), in main wiring harness
B642	Positive connection (58), in main wiring harness
*	For models with dimmable instrument illumination
*2	For models with no background lighting
*3	For models with no dimmable instrument illumination
*4	For models with background lighting

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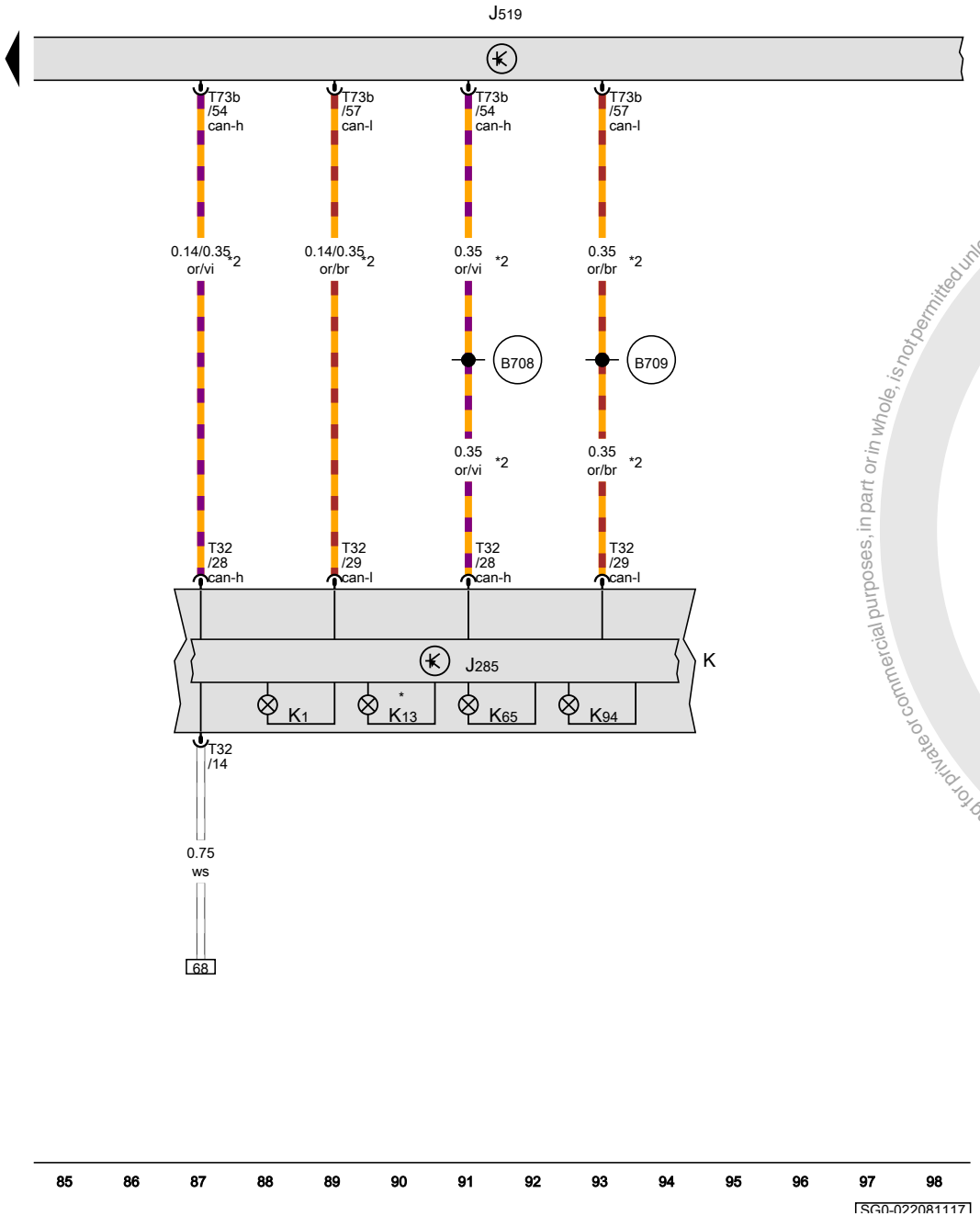

Onboard supply control unit, Dash panel insert

J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K1	Main beam warning lamp
K13	Rear fog light warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
T32	32-pin connector, blue
T73b	73-pin connector, white
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	For models with rear fog light
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Tail light clusters with LEDs , (8SK),(8SP)

From June 2015

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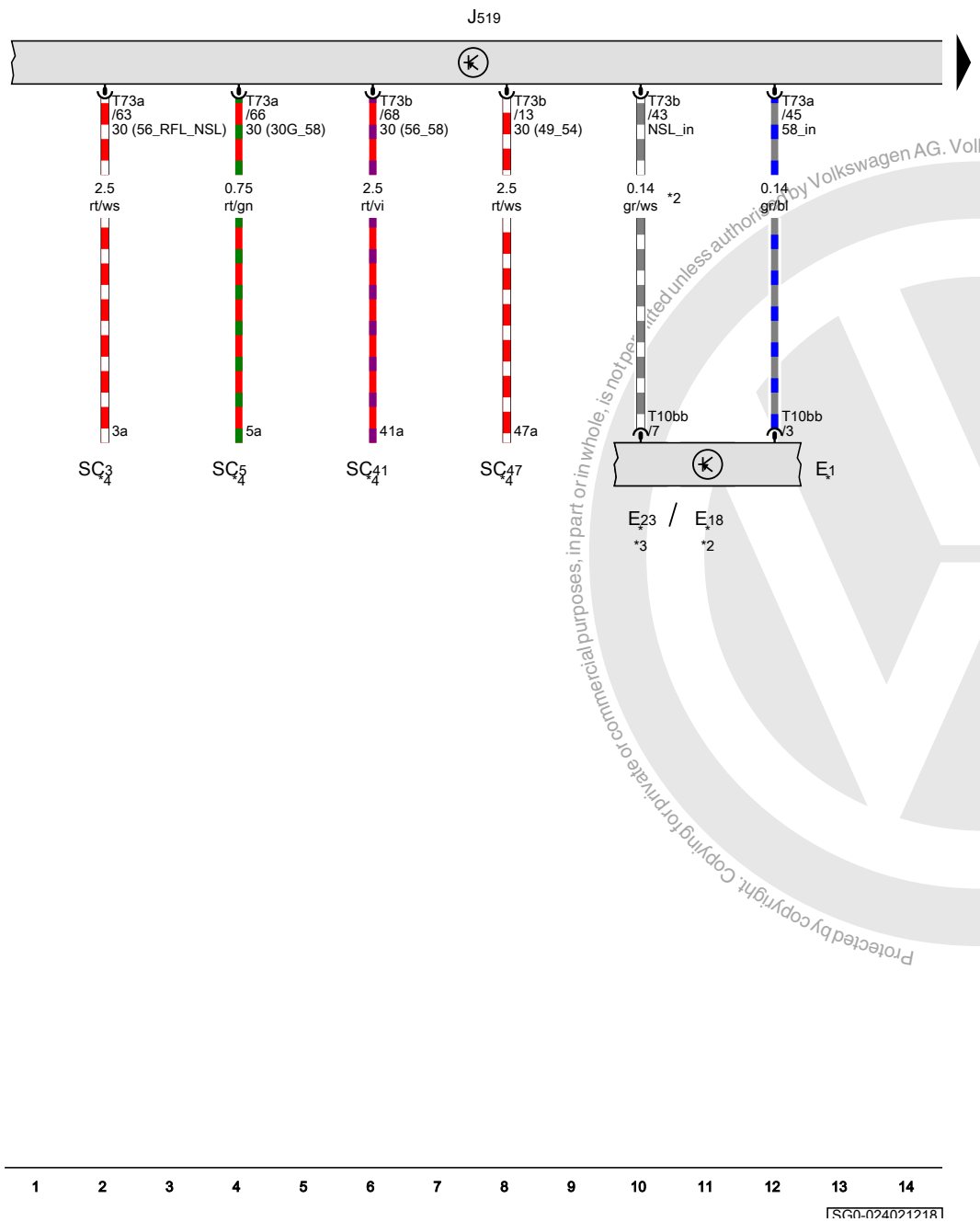

Light switch, Rear fog light switch, Front and rear fog light switch, Onboard supply control unit, Fuse 3 on fuse holder C, Fuse 5 on fuse holder C, Fuse 41 on fuse holder C, Fuse 47 on fuse holder C

E1	Light switch
E18	Rear fog light switch
E23	Front and rear fog light switch
J519	Onboard supply control unit
SC3	Fuse 3 on fuse holder C
SC5	Fuse 5 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC47	Fuse 47 on fuse holder C
T10bb	10-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
*	see applicable current flow diagram for headlights
*2	For models with rear fog light
*3	For models with fog lights
*4	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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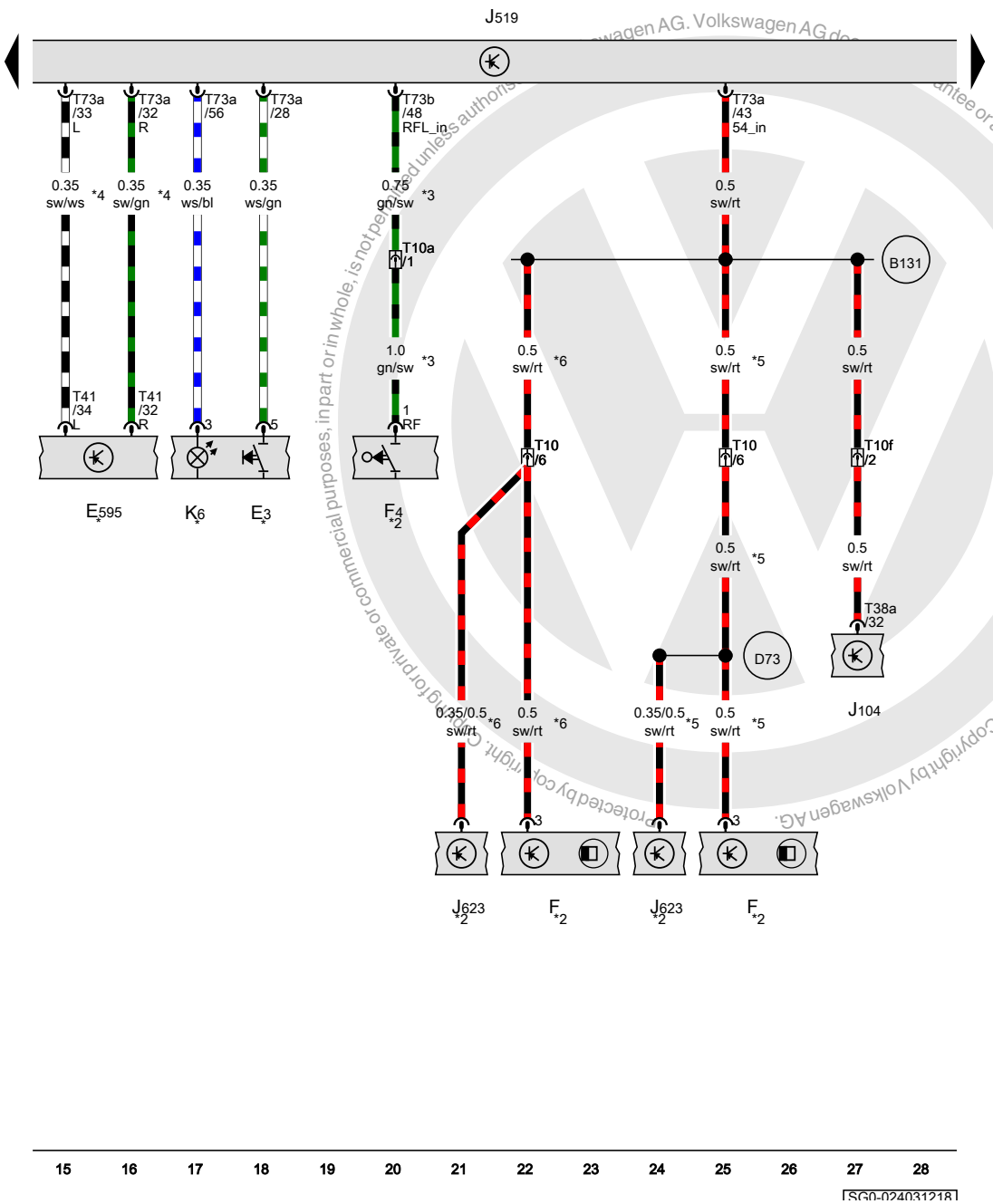
Hazard warning light switch, Steering column combination switch, Brake light switch, Reversing light switch, Onboard supply control unit, Indicator lamp for hazard warning light



E3	Hazard warning light switch
E595	Steering column combination switch
F	Brake light switch
F4	Reversing light switch
J104	ABS control unit
J519	Onboard supply control unit
J623	Engine/motor control unit
K6	Indicator lamp for hazard warning light
T10	10-pin connector, black, in E-box in engine compartment
T10a	10-pin connector, brown, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T38a	38-pin connector, black
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
B131	Connection (54), in interior wiring harness
D73	Positive connection (54), in engine compartment wiring harness
*	see applicable current flow diagram for headlights
*2	see applicable current flow diagram for engine
*3	For models with manual gearbox
*4	For models with no electric interface
*5	From August 2018
*6	Up to August 2018

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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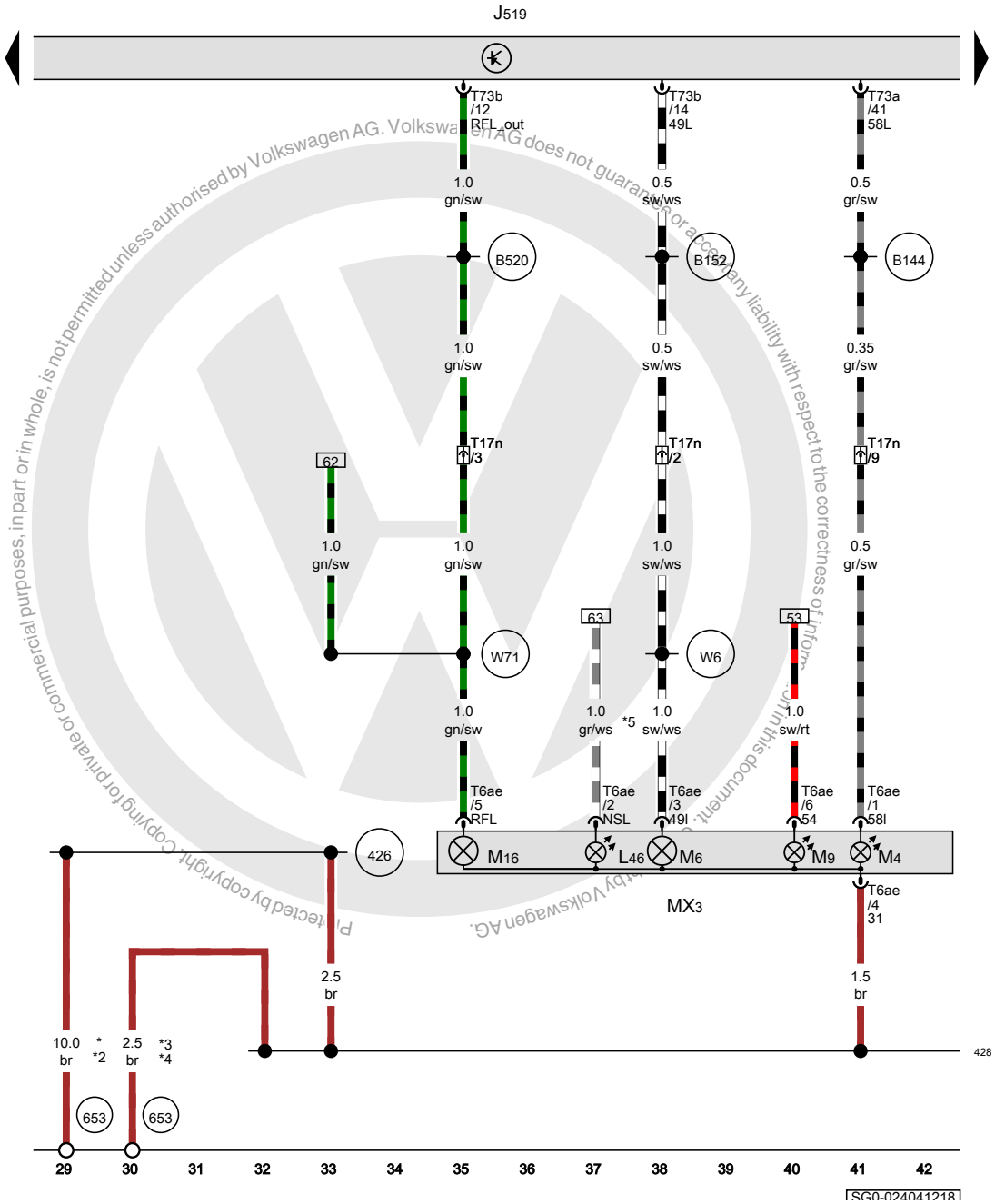

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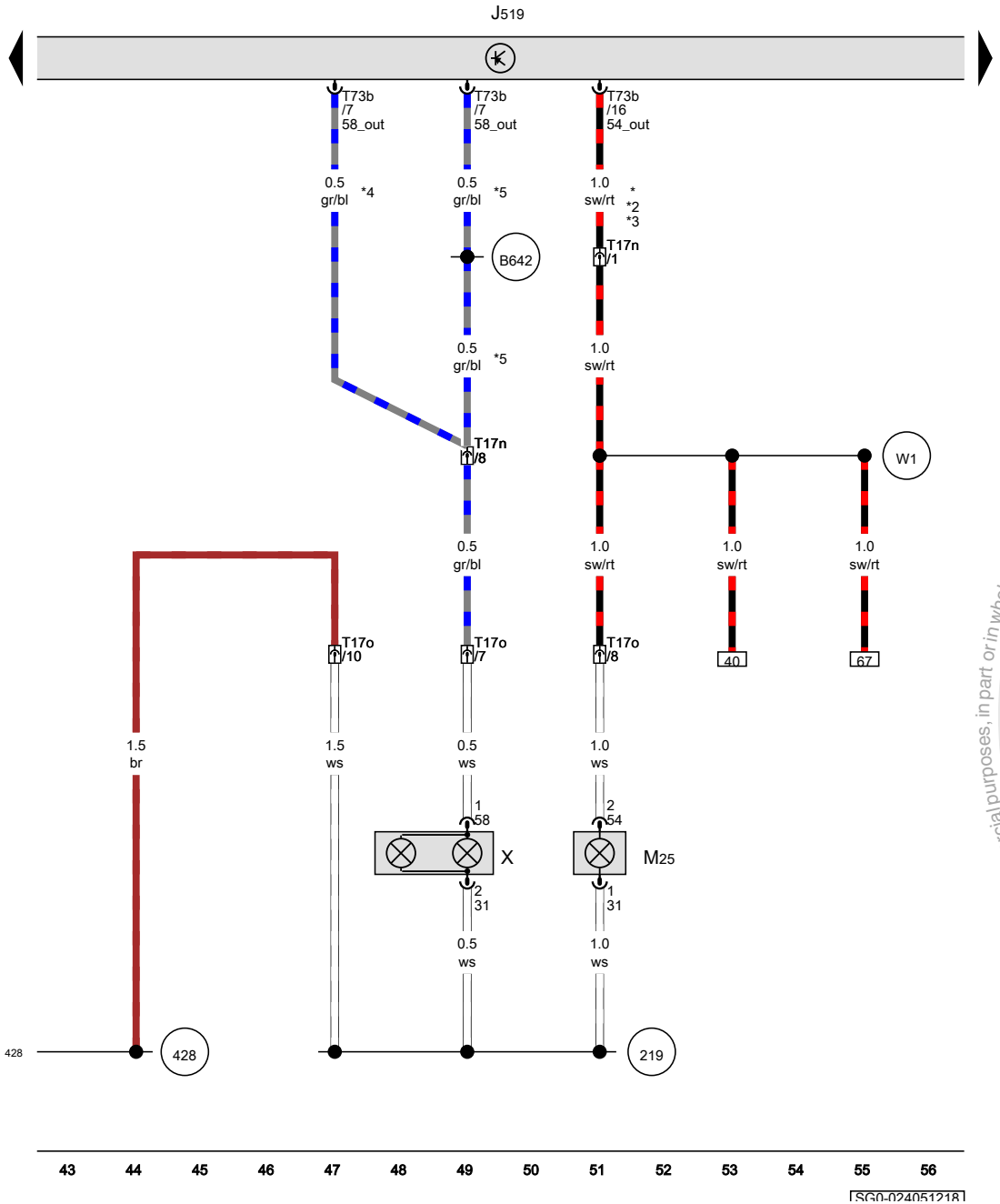
Onboard supply control unit, Left tail light cluster

J519	Onboard supply control unit
L46	Rear left fog light bulb
MX3	Left tail light cluster
M4	Left tail light bulb
M6	Rear left turn signal bulb
M9	Left brake light bulb
M16	Left reversing light bulb
T6ae	6-pin connector, black
T17n	17-pin connector, light green, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
426	Earth connection 3, in left rear end wiring harness
428	Earth connection 4, in left rear end wiring harness
653	Earth point, on left D-pillar
B144	Positive connection (58L), in interior wiring harness
B152	Connection (LTS), in interior wiring harness
B520	Connection (RL), in main wiring harness
W6	Connection (left turn signal), in rear wiring harness
W71	Connection (reversing light), in rear wiring harness
*	For models with trailer socket or heated rear window
*2	Cross-section 6.0 possible
*3	For models with no towing bracket
*4	For models with no heated rear window
*5	For models with rear fog light

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Onboard supply control unit, High-level brake light bulb, Number plate light

J519	Onboard supply control unit
M25	High-level brake light bulb
T17n	17-pin connector, light green, under seat on front left
T17o	17-pin connector, black, near left D-pillar, under roof trim
T73b	73-pin connector, white
X	Number plate light
219	Earth connection 2, in rear lid wiring harness
428	Earth connection 4, in left rear end wiring harness
B642	Positive connection (58), in main wiring harness
W1	Positive connection 1 (54), in rear wiring harness
*	For models with no electric interface
*2	For models with no special police equipment
*3	For models with no accident data recorder
*4	For models with no background lighting
*5	For models with background lighting

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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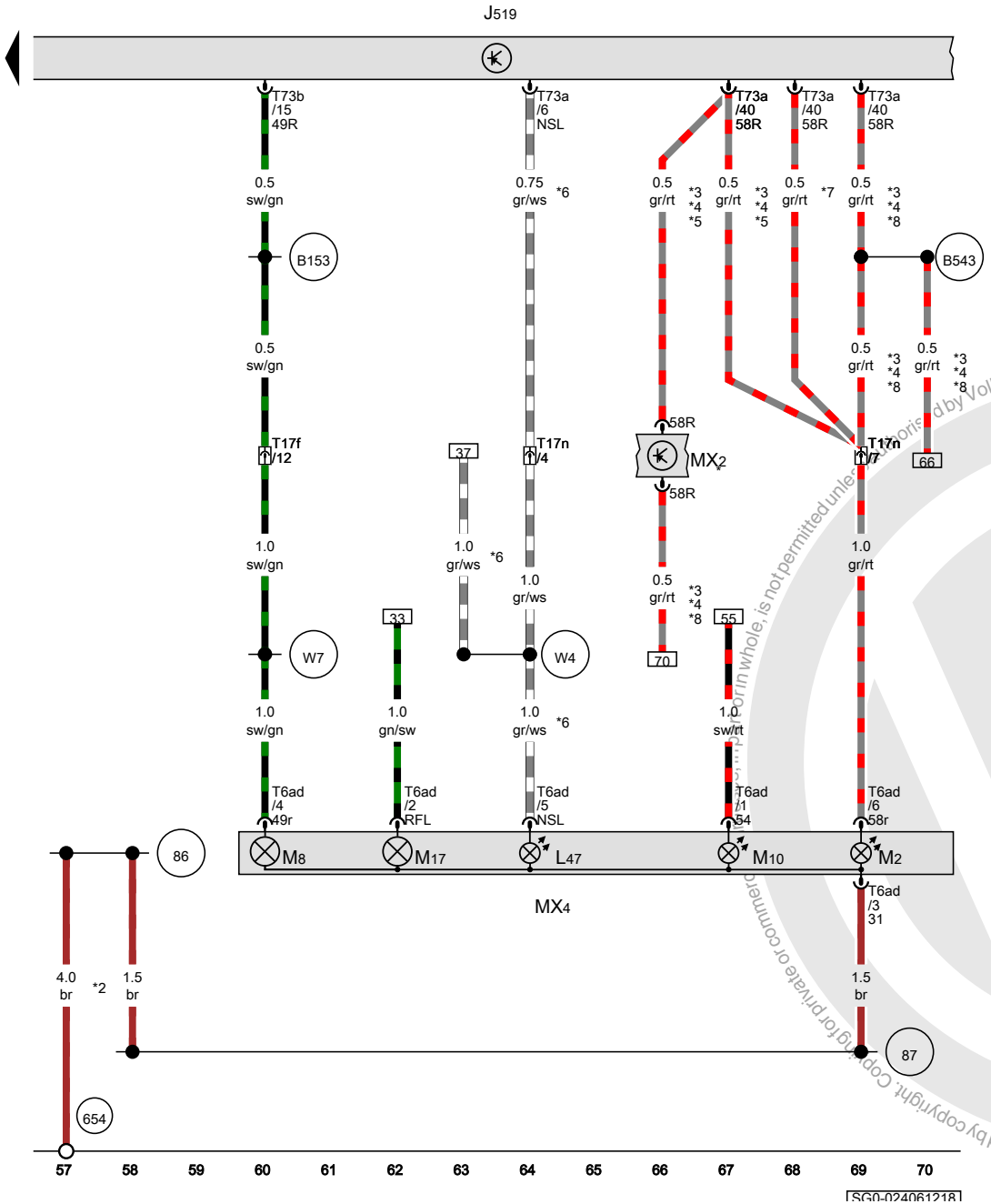

Onboard supply control unit, Right tail light cluster

J519	Onboard supply control unit
L47	Rear right fog light bulb
MX2	Front right headlight
M2	Right tail light bulb
MX4	Right tail light cluster
M8	Rear right turn signal bulb
M10	Right brake light bulb
M17	Right reversing light bulb
T6ad	6-pin connector, black
T17f	17-pin connector, brown, under seat on front left
T17n	17-pin connector, light green, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
86	Earth connection 1, in rear wiring harness
87	Earth connection 2, in rear wiring harness
654	Earth point, on right D-pillar
B153	Connection (RTS), in interior wiring harness
B543	Positive connection (58R), in main wiring harness
W4	Connection 1 (rear fog light), in rear wiring harness
W7	Connection (right turn signal), in rear wiring harness
*	see applicable current flow diagram for headlights
*2	Cross-section 6.0 possible
*3	For models with H4 headlights
*4	For models with H7 headlights
*5	Up to June 2016
*6	For models with rear fog light
*7	For models with LED headlights
*8	From June 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Tail light clusters for panel van and Kombi models , (8SA),(3RD),(3RE),(3RF),(3RG)

From June 2015

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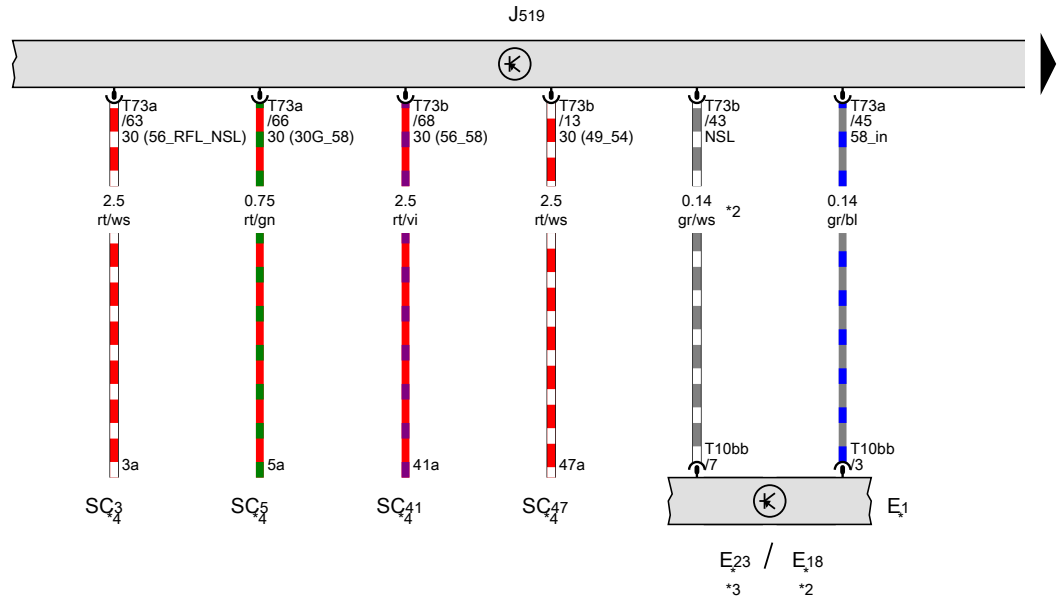

Light switch, Rear fog light switch, Front and rear fog light switch, Onboard supply control unit, Fuse 3 on fuse holder C, Fuse 5 on fuse holder C, Fuse 41 on fuse holder C, Fuse 47 on fuse holder C

E1	Light switch
E18	Rear fog light switch
E23	Front and rear fog light switch
J519	Onboard supply control unit
SC3	Fuse 3 on fuse holder C
SC5	Fuse 5 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC47	Fuse 47 on fuse holder C
T10bb	10-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
*	see applicable current flow diagram for headlights
*2	For models with rear fog light
*3	For models with fog lights
*4	see applicable current flow diagram for fuse assignment

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ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

1 2 3 4 5 6 7 8 9 10 11 12 13 14

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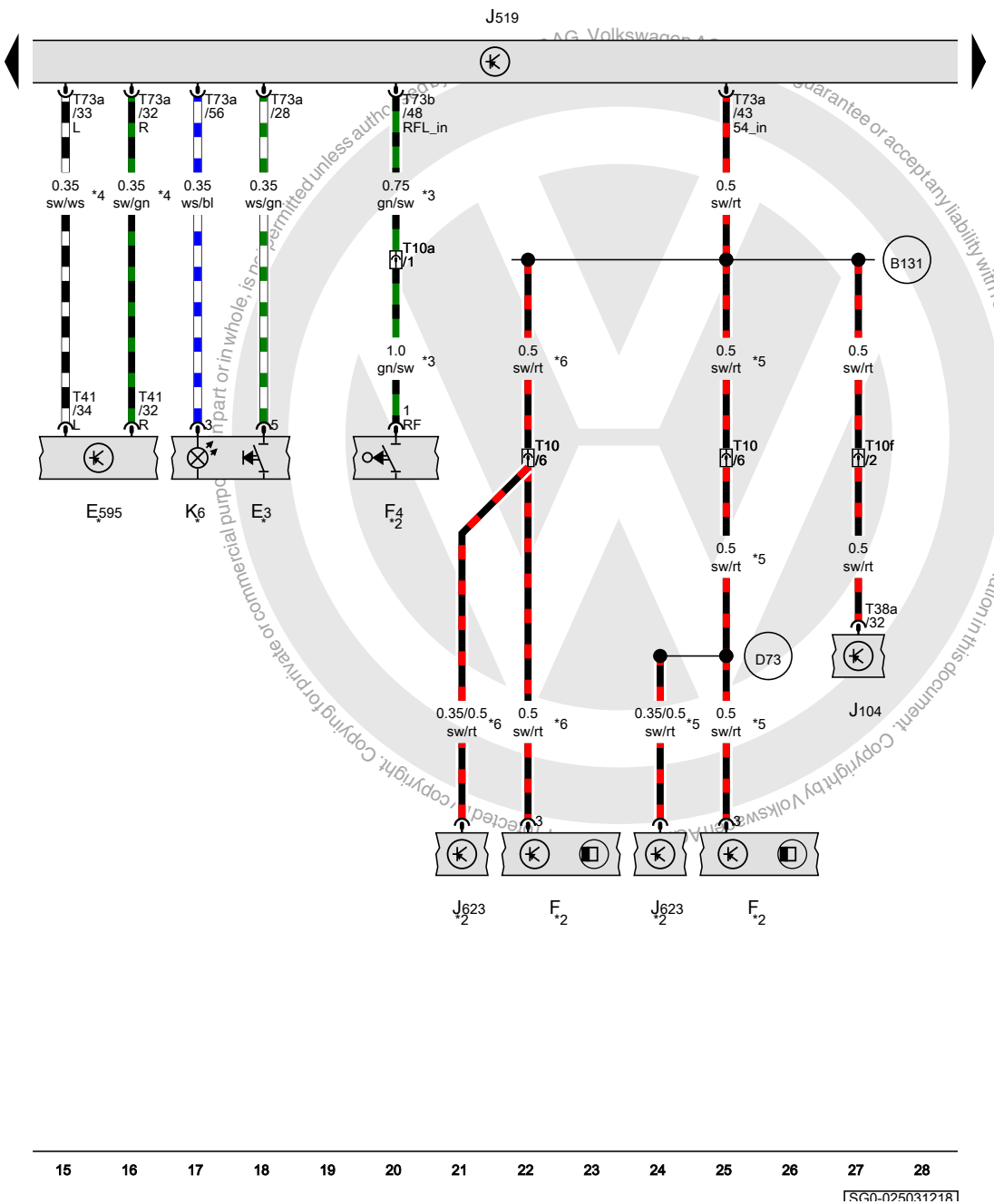
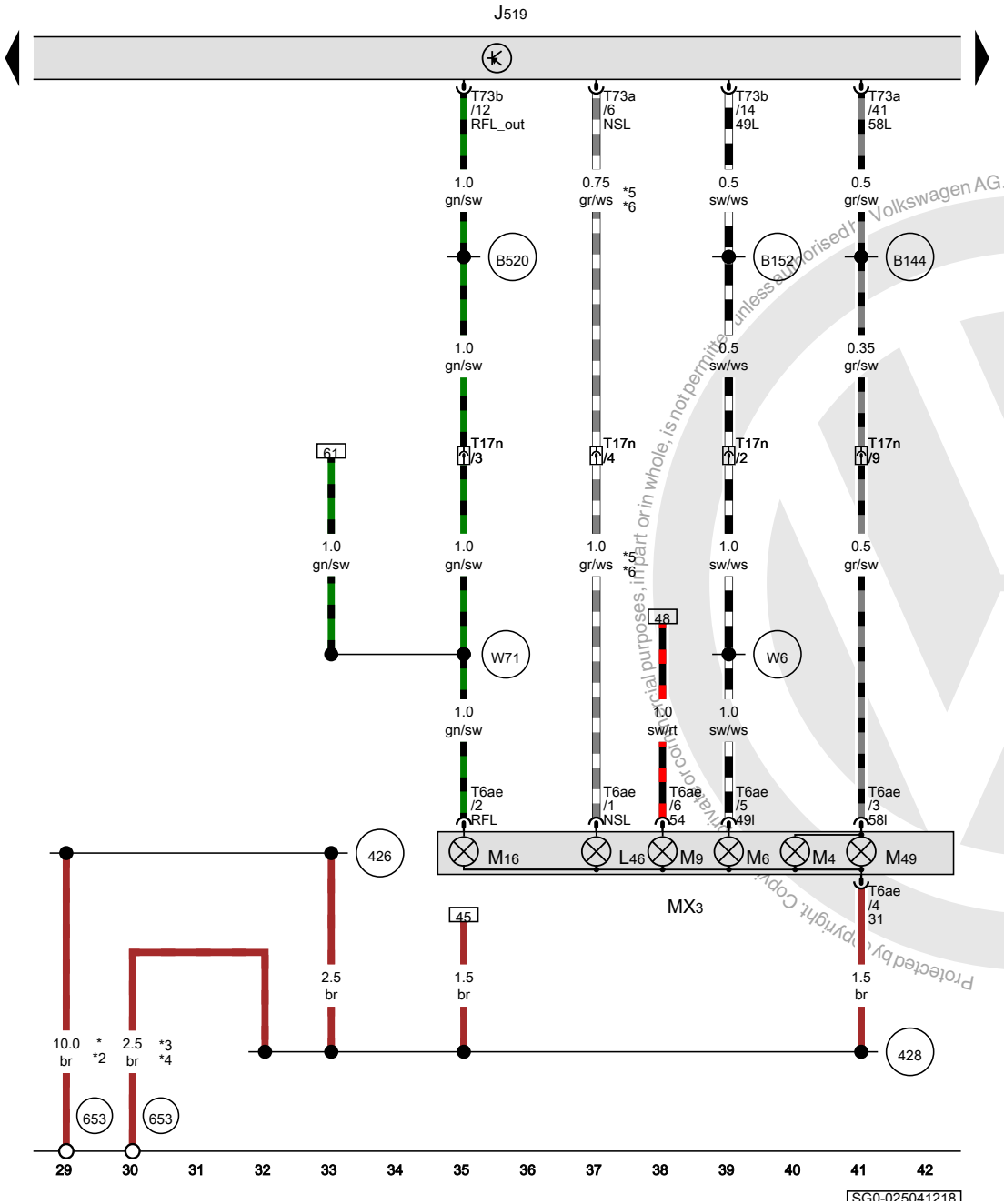


Hazard warning light switch, Steering column combination switch, Brake light switch, Reversing light switch, Onboard supply control unit, Indicator lamp for hazard warning light

E3	Hazard warning light switch
E595	Steering column combination switch
F	Brake light switch
F4	Reversing light switch
J104	ABS control unit
J519	Onboard supply control unit
J623	Engine/motor control unit
K6	Indicator lamp for hazard warning light
T10	10-pin connector, black, in E-box in engine compartment
T10a	10-pin connector, brown, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T38a	38-pin connector, black
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
B131	Connection (54), in interior wiring harness
D73	Positive connection (54), in engine compartment wiring harness
*	see applicable current flow diagram for headlights
*2	see applicable current flow diagram for engine
*3	For models with manual gearbox
*4	For models with no electric interface
*5	From August 2018
*6	Up to August 2018

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Onboard supply control unit, Left tail light cluster

J519	Onboard supply control unit
L46	Rear left fog light bulb
MX3	Left tail light cluster
M4	Left tail light bulb
M6	Rear left turn signal bulb
M9	Left brake light bulb
M16	Left reversing light bulb
M49	Left tail light bulb 2
T6ae	6-pin connector, black
T17n	17-pin connector, light green, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
426	Earth connection 3, in left rear end wiring harness
428	Earth connection 4, in left rear end wiring harness
653	Earth point, on left D-pillar
B144	Positive connection (58L), in interior wiring harness
B152	Connection (LTS), in interior wiring harness
B520	Connection (RL), in main wiring harness
W6	Connection (left turn signal), in rear wiring harness
W71	Connection (reversing light), in rear wiring harness
*	For models with trailer socket or heated rear window
*2	Cross-section 6.0 possible
*3	For models with no towing bracket
*4	For models with no heated rear window
*5	For models with rear fog light
*6	For left-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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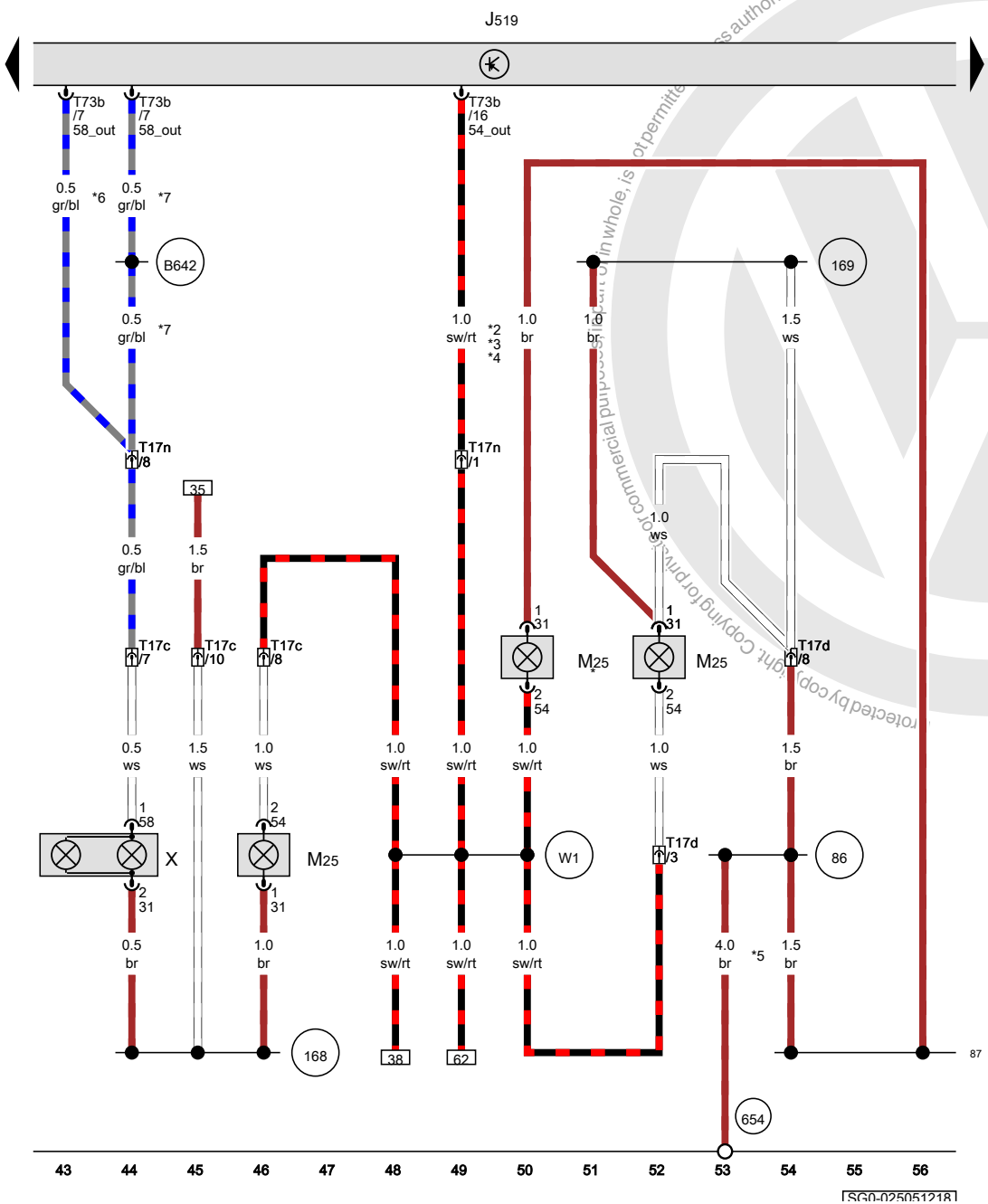

Onboard supply control unit, High-level brake light bulb, Number plate light

J519	Onboard supply control unit
M25	High-level brake light bulb
T17c	17-pin connector, black, behind left D-pillar trim
T17d	17-pin connector, black, behind right D-pillar trim
T17n	17-pin connector, light green, under seat on front left
T73b	73-pin connector, white
X	Number plate light
86	Earth connection 1, in rear wiring harness
87	Earth connection 2, in rear wiring harness
168	Earth connection, in rear left wing door wiring harness
169	Earth connection, in rear right wing door wiring harness
654	Earth point, on right D-pillar
B642	Positive connection (58), in main wiring harness
W1	Positive connection 1 (54), in rear wiring harness
*	For models with high roof
*2	For models with no electric interface
*3	For models with no special police equipment
*4	For models with no accident data recorder
*5	Cross-section 6.0 possible
*6	For models with no background lighting
*7	For models with background lighting

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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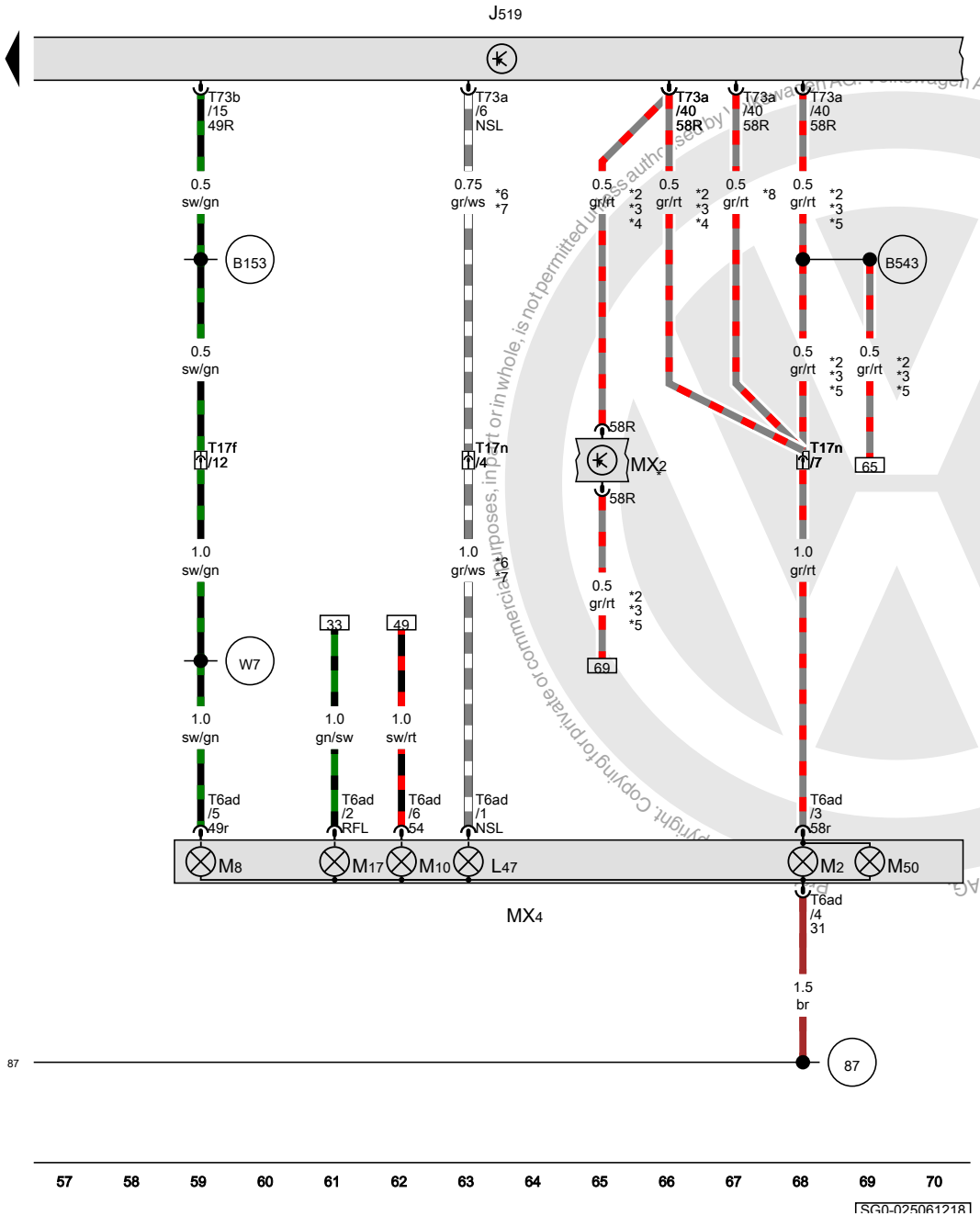
Onboard supply control unit, Right tail light cluster



J519	Onboard supply control unit
L47	Rear right fog light bulb
MX2	Front right headlight
M2	Right tail light bulb
MX4	Right tail light cluster
M8	Rear right turn signal bulb
M10	Right brake light bulb
M17	Right reversing light bulb
M50	Right tail light bulb 2
T6ad	6-pin connector, black
T17f	17-pin connector, brown, under seat on front left
T17n	17-pin connector, light green, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
87	Earth connection 2, in rear wiring harness
B153	Connection (RTS), in interior wiring harness
B543	Positive connection (58R), in main wiring harness
W7	Connection (right turn signal), in rear wiring harness
*	see applicable current flow diagram for headlights
*2	For models with H4 headlights
*3	For models with H7 headlights
*4	Up to June 2016
*5	From June 2016
*6	For models with rear fog light
*7	For right-hand drive models
*8	For models with LED headlights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Tail light clusters for panel van and Kombi models , (8SA),(3RB),(3RC),(3RP)

From June 2015

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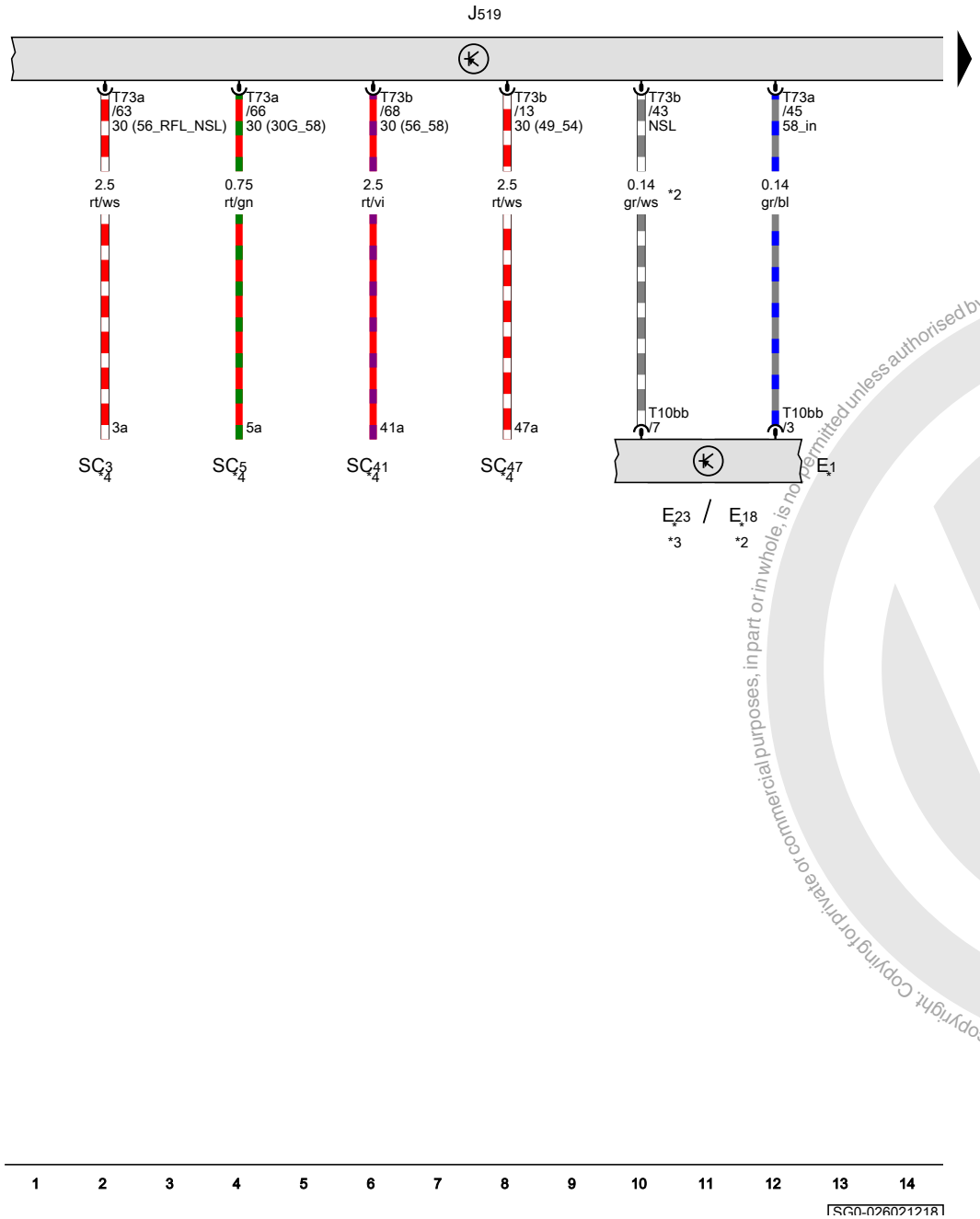

Light switch, Rear fog light switch, Front and rear fog light switch, Onboard supply control unit, Fuse 3 on fuse holder C, Fuse 5 on fuse holder C, Fuse 41 on fuse holder C, Fuse 47 on fuse holder C

E1	Light switch
E18	Rear fog light switch
E23	Front and rear fog light switch
J519	Onboard supply control unit
SC3	Fuse 3 on fuse holder C
SC5	Fuse 5 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC47	Fuse 47 on fuse holder C
T10bb	10-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
*	see applicable current flow diagram for headlights
*2	For models with rear fog light
*3	For models with fog lights
*4	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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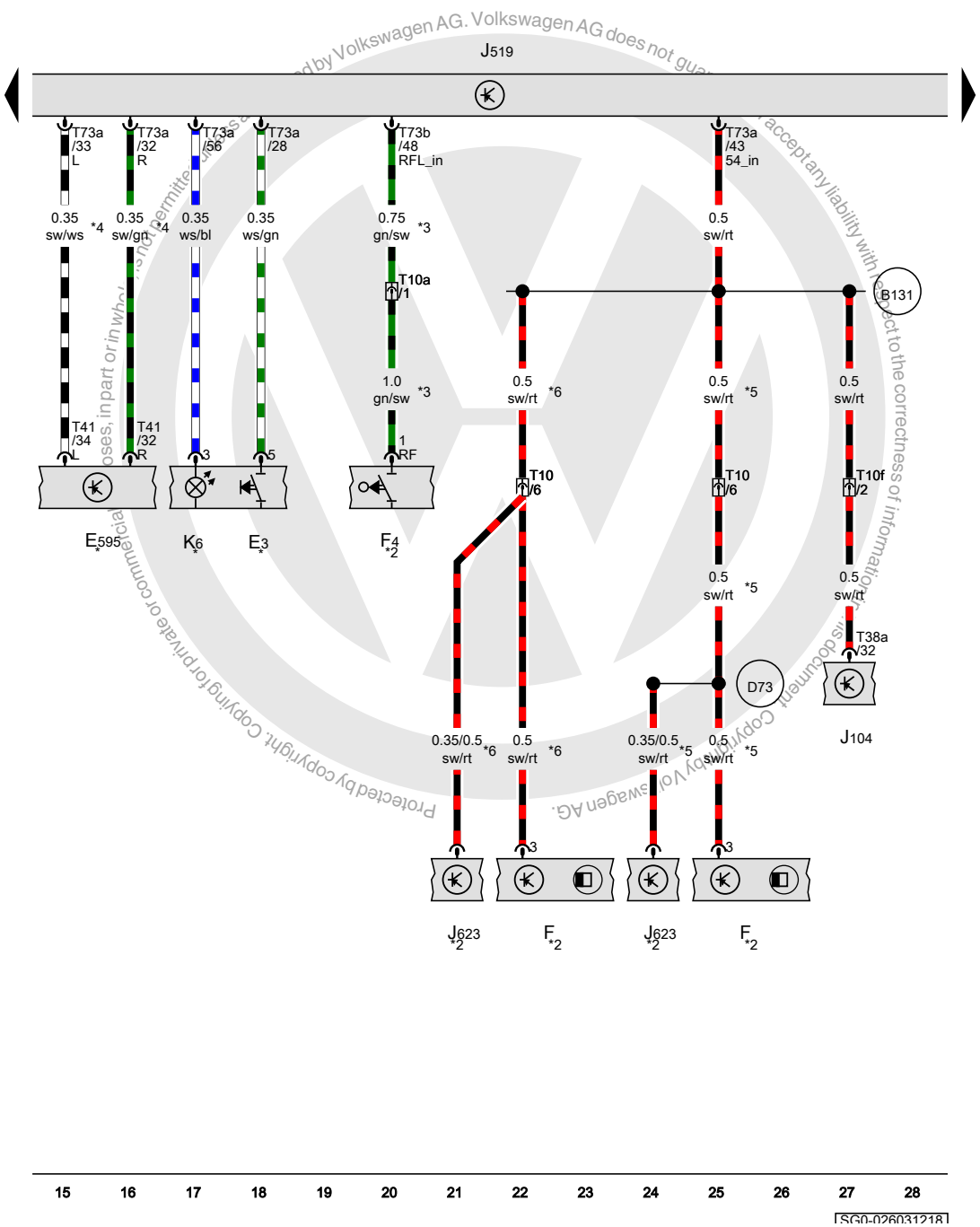

Hazard warning light switch, Steering column combination switch, Brake light switch, Reversing light switch, Onboard supply control unit, Indicator lamp for hazard warning light

E3	Hazard warning light switch
E595	Steering column combination switch
F	Brake light switch
F4	Reversing light switch
J104	ABS control unit
J519	Onboard supply control unit
J623	Engine/motor control unit
K6	Indicator lamp for hazard warning light
T10	10-pin connector, black, in E-box in engine compartment
T10a	10-pin connector, brown, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T38a	38-pin connector, black
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
B131	Connection (54), in interior wiring harness
D73	Positive connection (54), in engine compartment wiring harness
*	see applicable current flow diagram for headlights
*2	see applicable current flow diagram for engine
*3	For models with manual gearbox
*4	For models with no electric interface
*5	From August 2018
*6	Up to August 2018

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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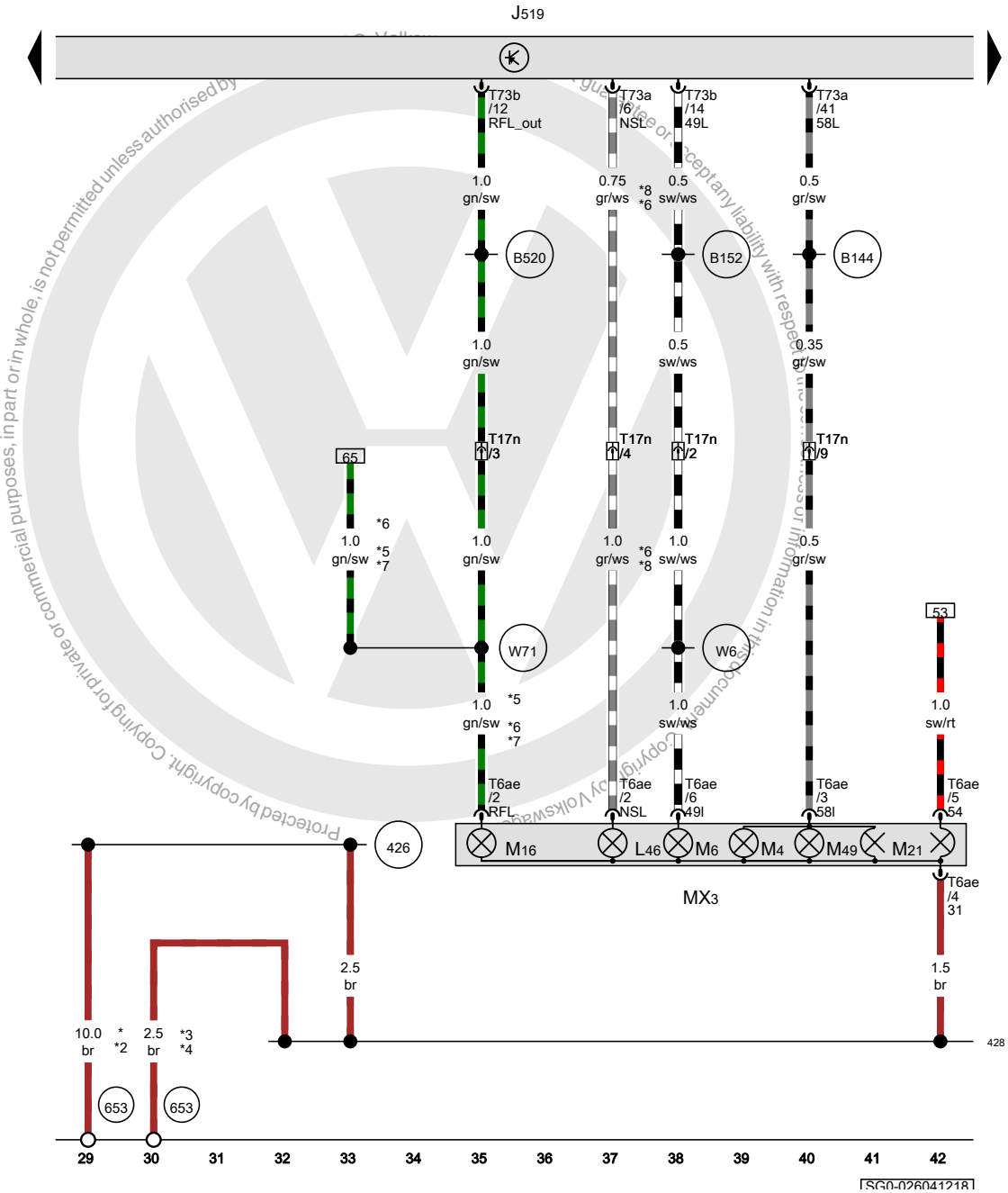

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Onboard supply control unit, Left tail light cluster

J519	Onboard supply control unit
L46	Rear left fog light bulb
MX3	Left tail light cluster
M4	Left tail light bulb
M6	Rear left turn signal bulb
M16	Left reversing light bulb
M21	Left brake and tail light bulb
M49	Left tail light bulb 2
T6ae	6-pin connector, black
T17n	17-pin connector, light green, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
426	Earth connection 3, in left rear end wiring harness
428	Earth connection 4, in left rear end wiring harness
653	Earth point, on left D-pillar
B144	Positive connection (58L), in interior wiring harness
B152	Connection (LTS), in interior wiring harness
B520	Connection (RL), in main wiring harness
W6	Connection (left turn signal), in rear wiring harness
W71	Connection (reversing light), in rear wiring harness
*	For models with trailer socket or heated rear window
*2	Cross-section 6.0 possible
*3	For models with no towing bracket
*4	For models with no heated rear window
*5	For right-hand drive models
*6	For left-hand drive models
*7	For models with no rear fog light
*8	For models with rear fog light

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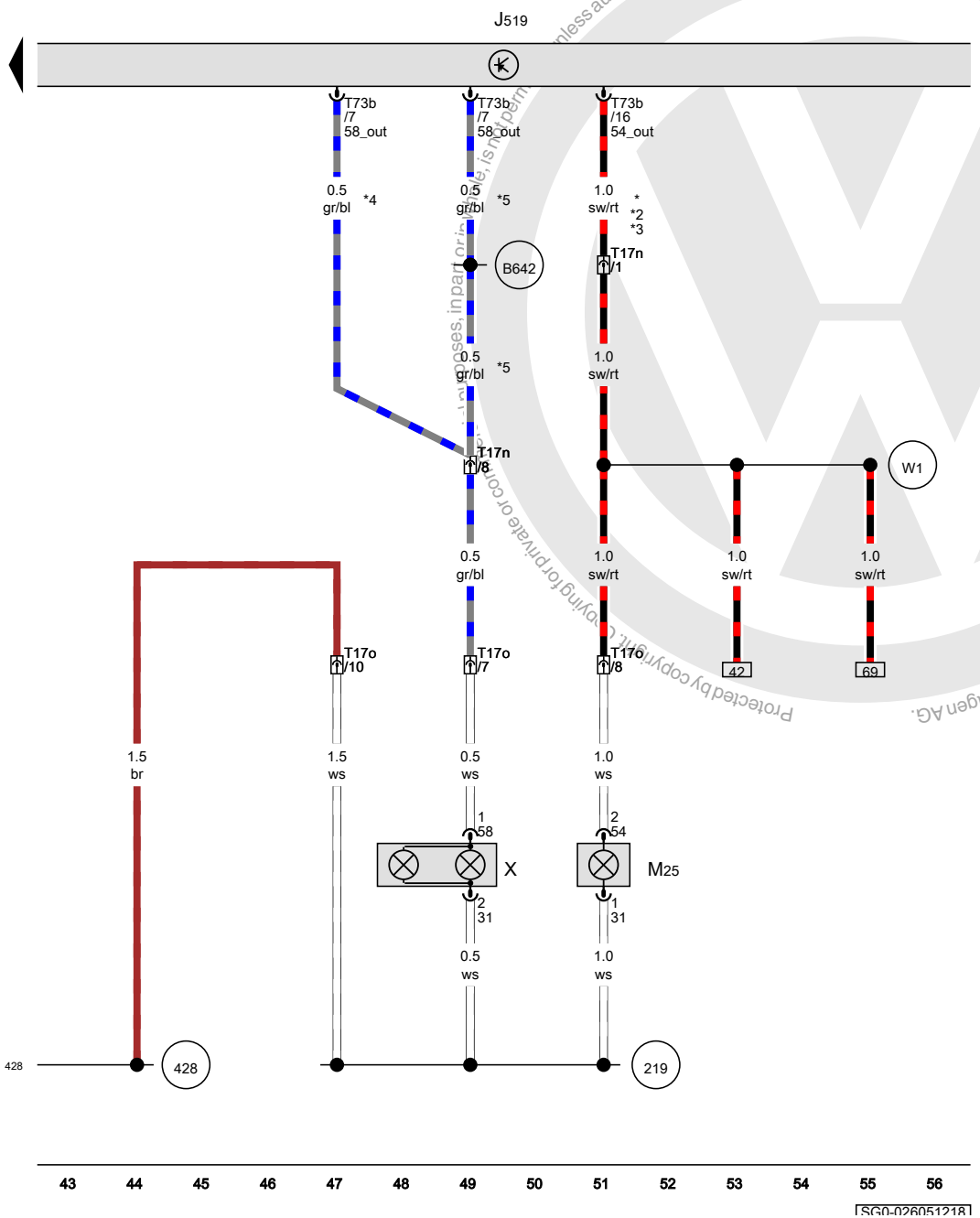

Onboard supply control unit, High-level brake light bulb, Number plate light

J519	Onboard supply control unit
M25	High-level brake light bulb
T17n	17-pin connector, light green, under seat on front left
T17o	17-pin connector, black, near left D-pillar, under roof trim
T73b	73-pin connector, white
X	Number plate light
219	Earth connection 2, in rear lid wiring harness
428	Earth connection 4, in left rear end wiring harness
B642	Positive connection (58), in main wiring harness
W1	Positive connection 1 (54), in rear wiring harness
*	For models with no electric interface
*2	For models with no special police equipment
*3	For models with no accident data recorder
*4	For models with no background lighting
*5	For models with background lighting

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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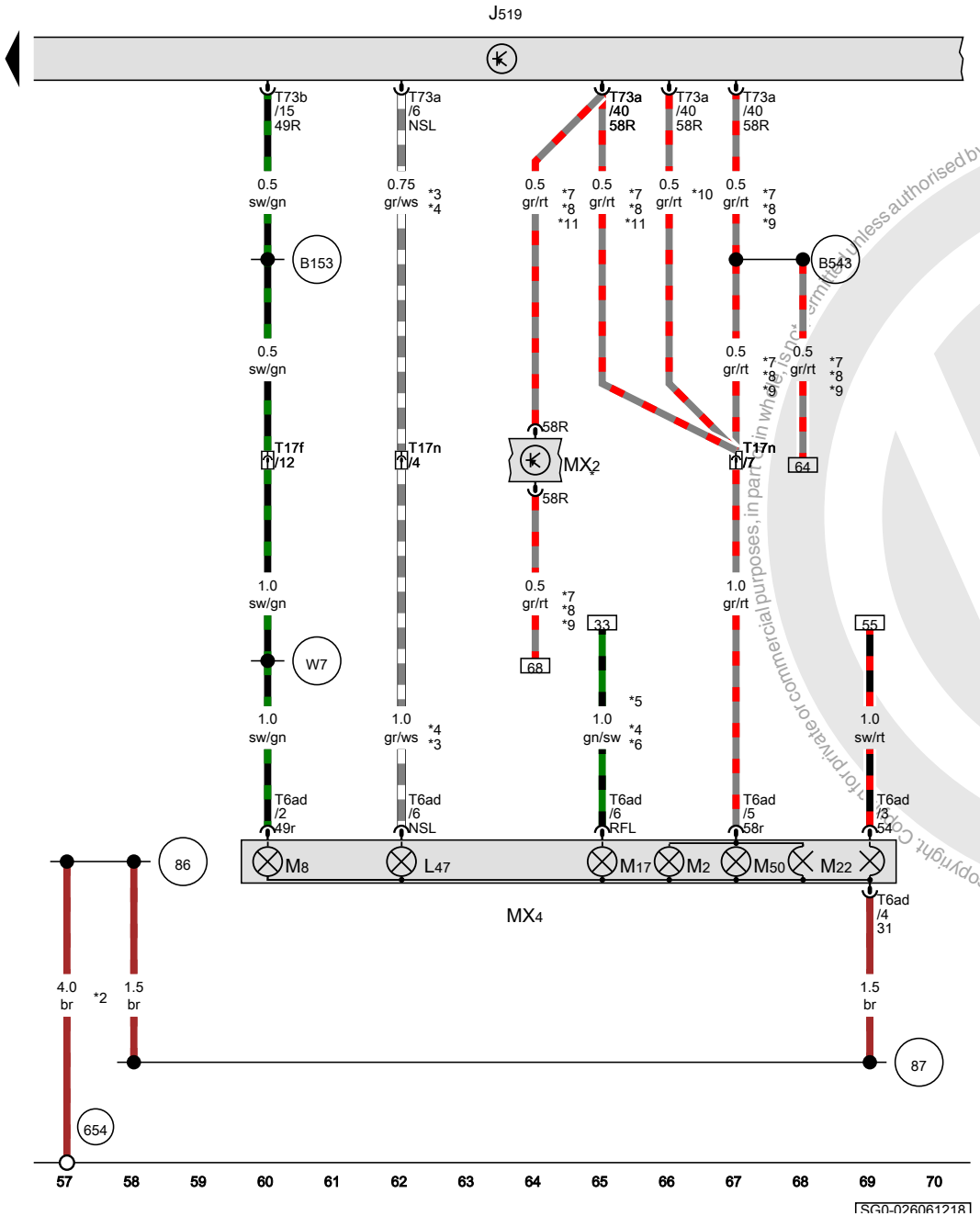

Onboard supply control unit, Right tail light cluster

J519	Onboard supply control unit
L47	Rear right fog light bulb
M2	Right tail light bulb
MX2	Front right headlight
MX4	Right tail light cluster
M8	Rear right turn signal bulb
M17	Right reversing light bulb
M22	Right brake and tail light bulb
M50	Right tail light bulb 2
T6ad	6-pin connector, black
T17f	17-pin connector, brown, under seat on front left
T17n	17-pin connector, light green, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
86	Earth connection 1, in rear wiring harness
87	Earth connection 2, in rear wiring harness
654	Earth point, on right D-pillar
B153	Connection (RTS), in interior wiring harness
B543	Positive connection (58R), in main wiring harness
W7	Connection (right turn signal), in rear wiring harness
*	see applicable current flow diagram for headlights
*2	Cross-section 6.0 possible
*3	For models with rear fog light
*4	For right-hand drive models
*5	For left-hand drive models
*6	For models with no rear fog light
*7	For models with H4 headlights
*8	For models with H7 headlights
*9	From June 2016
*10	For models with LED headlights
*11	Up to June 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Tail light clusters for dropside , (1D0)

From June 2015

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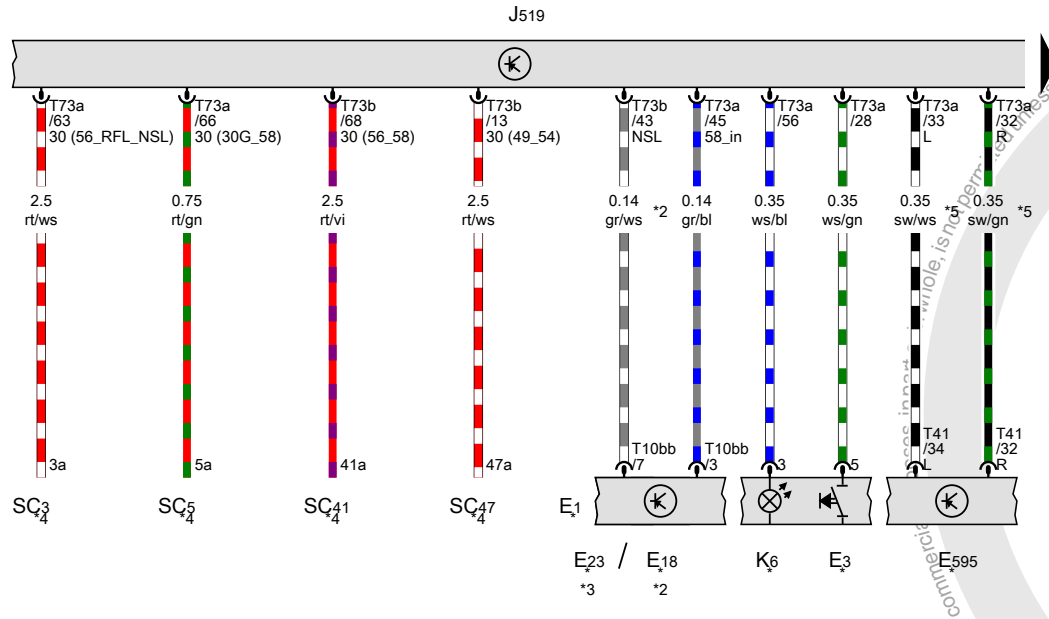

Light switch, Hazard warning light switch, Rear fog light switch, Front and rear fog light switch, Steering column combination switch, Onboard supply control unit, Indicator lamp for hazard warning light, Fuse 3 on fuse holder C, Fuse 5 on fuse holder C, Fuse 41 on fuse holder C, Fuse 47 on fuse holder C

E1	Light switch
E3	Hazard warning light switch
E18	Rear fog light switch
E23	Front and rear fog light switch
E595	Steering column combination switch
J519	Onboard supply control unit
K6	Indicator lamp for hazard warning light
SC3	Fuse 3 on fuse holder C
SC5	Fuse 5 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC47	Fuse 47 on fuse holder C
T10bb	10-pin connector, black
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
*	see applicable current flow diagram for headlights
*2	For models with rear fog light
*3	For models with fog lights
*4	see applicable current flow diagram for fuse assignment
*5	For models with no electric interface

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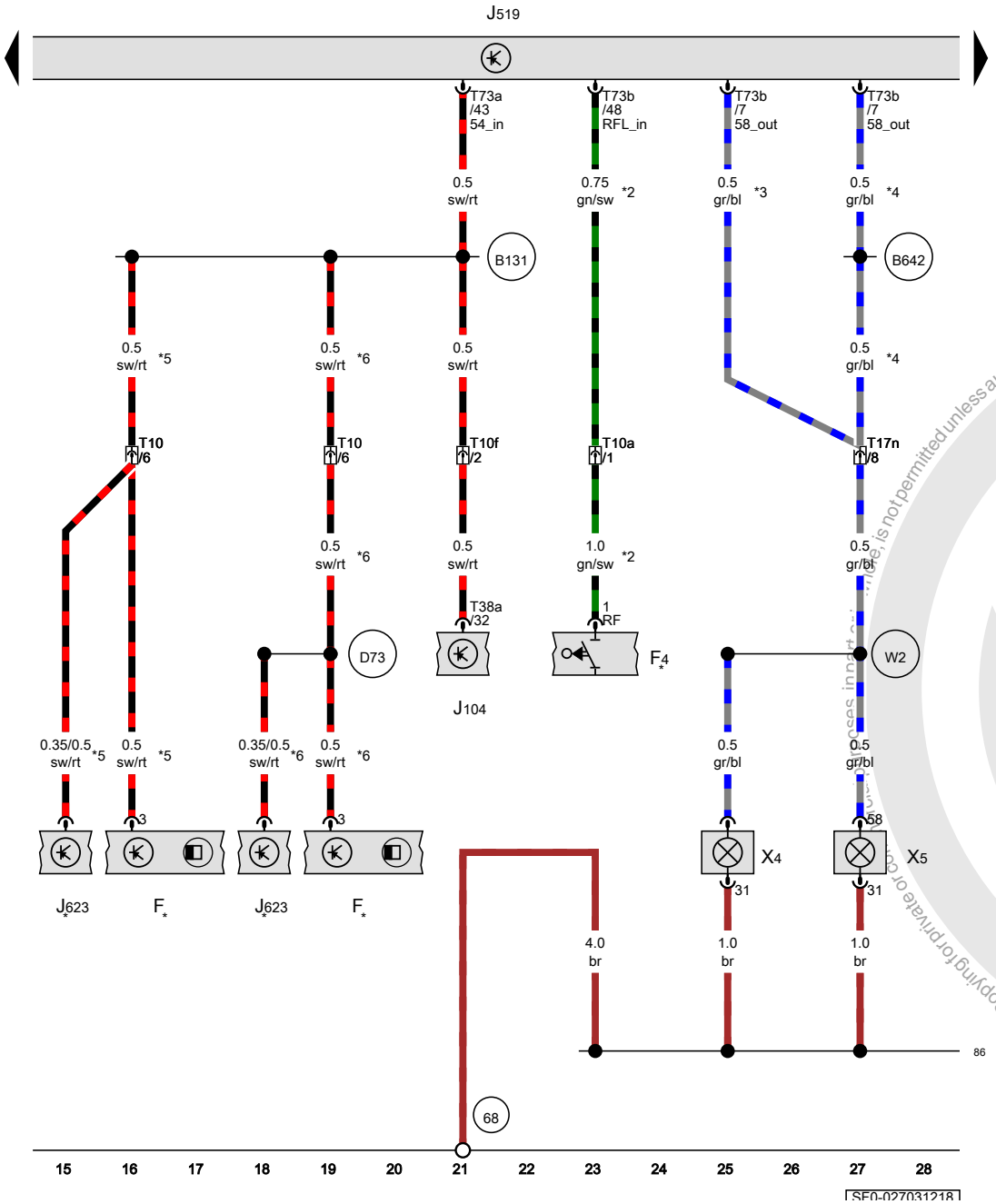
1	2	3	4	5	6	7	8	9	10	11	12	13	14

SF0-027021218

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Brake light switch, Reversing light switch, Onboard supply control unit, Left number plate light, Right number plate light



F	Brake light switch
F4	Reversing light switch
J104	ABS control unit
J519	Onboard supply control unit
J623	Engine/motor control unit
T10	10-pin connector, black, in E-box in engine compartment
T10a	10-pin connector, brown, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T17n	17-pin connector, light green, under seat on front left
T38a	38-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
X4	Left number plate light
X5	Right number plate light
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
B131	Connection (54), in interior wiring harness
B642	Positive connection (58), in main wiring harness
D73	Positive connection (54), in engine compartment wiring harness
W2	Positive connection (58), in interior light wiring harness
*	see applicable current flow diagram for engine
*2	For models with manual gearbox
*3	For models with no background lighting
*4	For models with background lighting
*5	Up to August 2018
*6	From August 2018

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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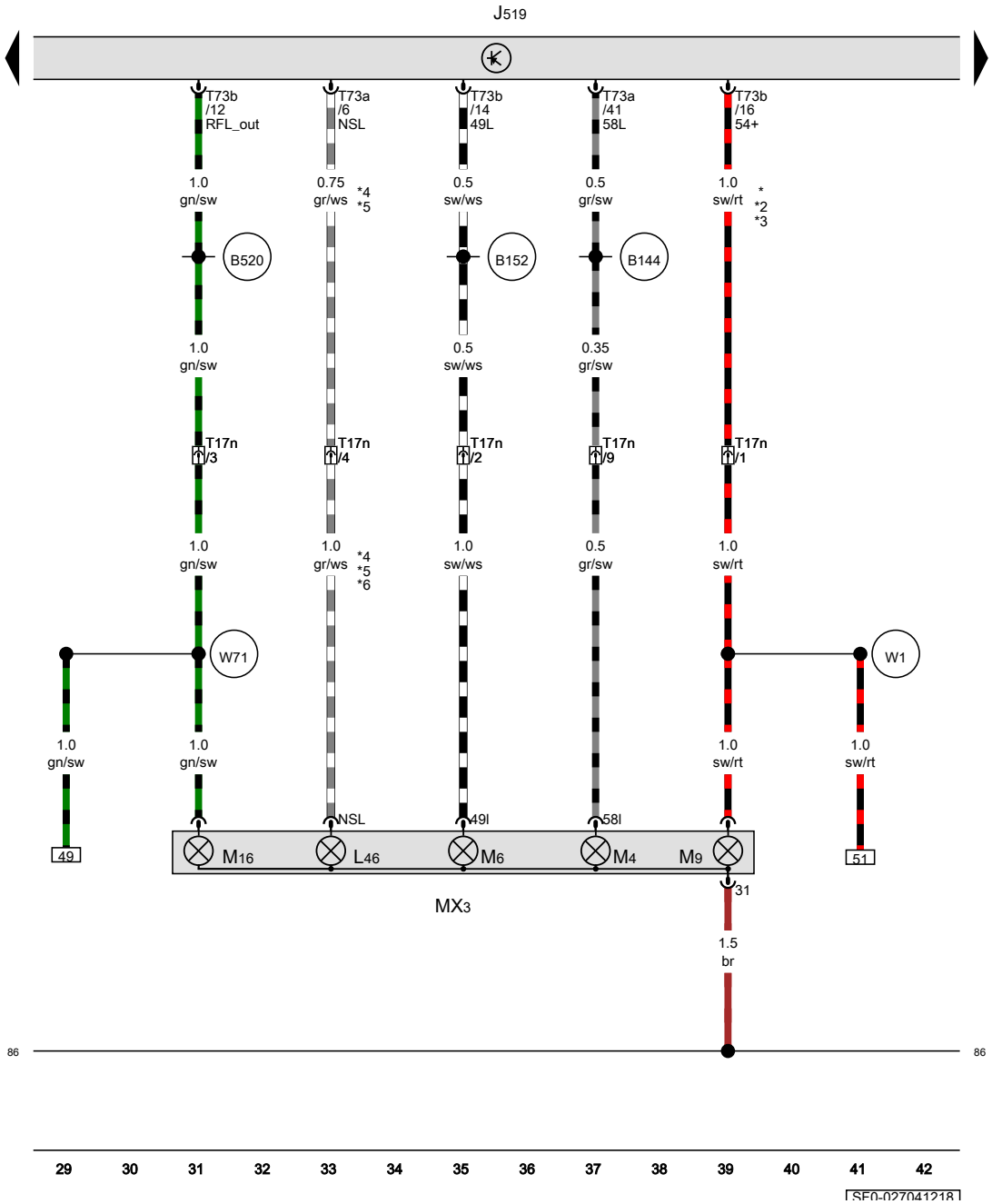

Onboard supply control unit, Left tail light cluster

J519	Onboard supply control unit
L46	Rear left fog light bulb
MX3	Left tail light cluster
M4	Left tail light bulb
M6	Rear left turn signal bulb
M9	Left brake light bulb
M16	Left reversing light bulb
T17n	17-pin connector, light green, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
86	Earth connection 1, in rear wiring harness
B144	Positive connection (58L), in interior wiring harness
B152	Connection (LTS), in interior wiring harness
B520	Connection (RL), in main wiring harness
W1	Positive connection 1 (54), in rear wiring harness
W71	Connection (reversing light), in rear wiring harness
*	For models with no electric interface
*2	For models with no special police equipment
*3	For models with no accident data recorder
*4	For models with rear fog light
*5	For left-hand drive models
*6	For models with preparation for trailer coupling

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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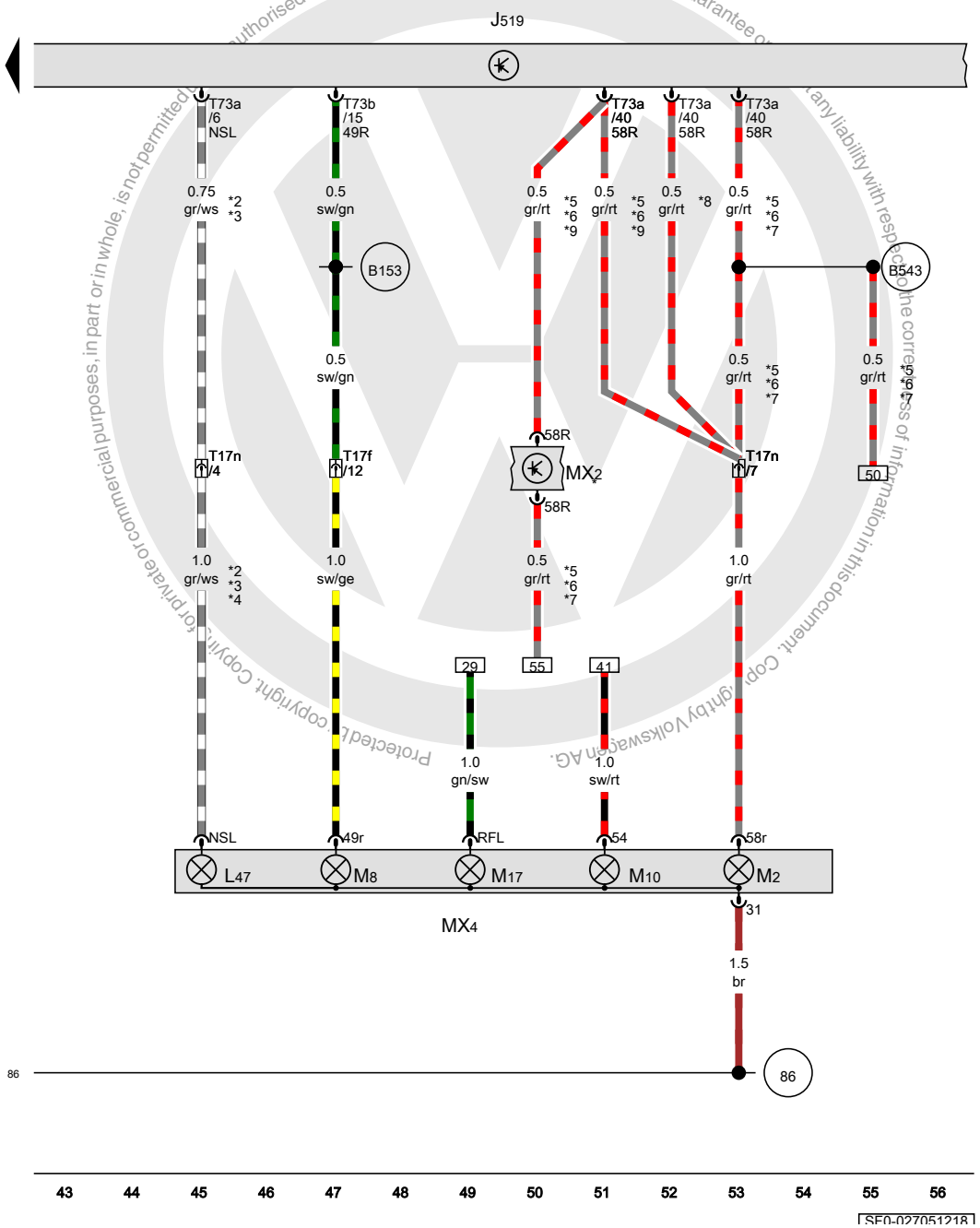

Onboard supply control unit, Right tail light cluster

J519	Onboard supply control unit
L47	Rear right fog light bulb
M2	Right tail light bulb
MX2	Front right headlight
MX4	Right tail light cluster
M8	Rear right turn signal bulb
M10	Right brake light bulb
M17	Right reversing light bulb
T17f	17-pin connector, brown, under seat on front left
T17n	17-pin connector, light green, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
86	Earth connection 1, in rear wiring harness
B153	Connection (RTS), in interior wiring harness
B543	Positive connection (58R), in main wiring harness
*	see applicable current flow diagram for headlights
*2	For models with rear fog light
*3	For right-hand drive models
*4	For models with preparation for trailer coupling
*5	For models with H4 headlights
*6	For models with H7 headlights
*7	From June 2016
*8	For models with LED headlights
*9	Up to June 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Tail light clusters for dropside, trailer coupling , (1D1),(1D2)

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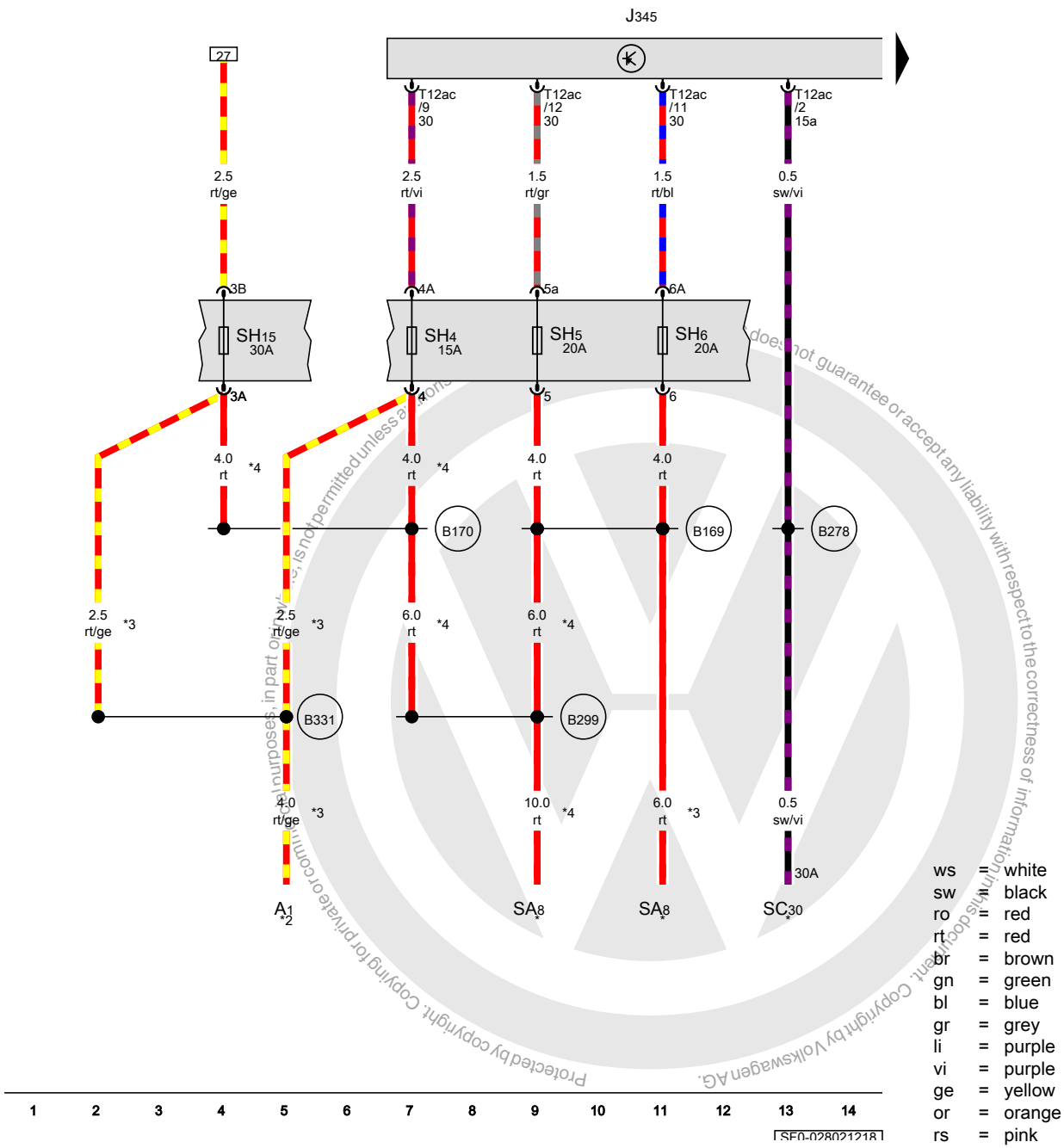

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Trailer detector control unit, Fuse 4 in fuse holder H, Fuse 5 in fuse holder H, Fuse 6 in fuse holder H, Fuse 15 in fuse holder H, Fuse 30 on fuse holder C

A1	Second battery
J345	Trailer detector control unit
SH4	Fuse 4 in fuse holder H
SH5	Fuse 5 in fuse holder H
SH6	Fuse 6 in fuse holder H
SA8	Fuse 8 on fuse holder A
SH15	Fuse 15 in fuse holder H
SC30	Fuse 30 on fuse holder C
T12ac	12-pin connector, red
B169	Positive connection 1 (30), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B299	Positive connection 3 (30), in main wiring harness
B331	Positive connection 17 (30a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for battery
*3	For models with second battery
*4	For models with no second battery

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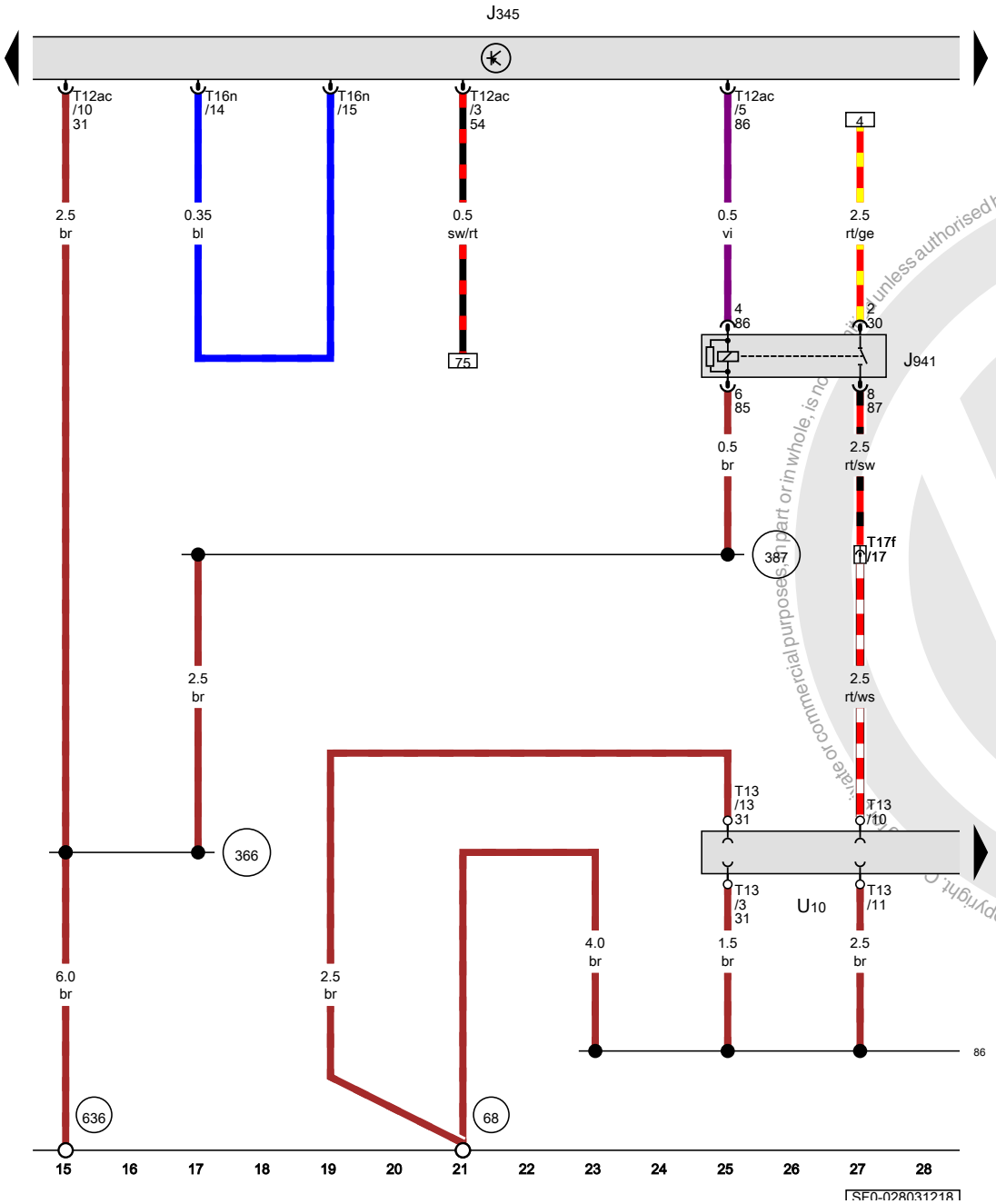

Trailer detector control unit, Trailer socket

J345	Trailer detector control unit
J941	Trailer voltage supply relay
T12ac	12-pin connector, red
T13	13-pin connector, black
T16n	16-pin connector, black
T17f	17-pin connector, brown, under seat on front left
U10	Trailer socket
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
366	Earth connection 1, in main wiring harness
387	Earth connection 22, in main wiring harness
636	Earth point, onboard supply control unit

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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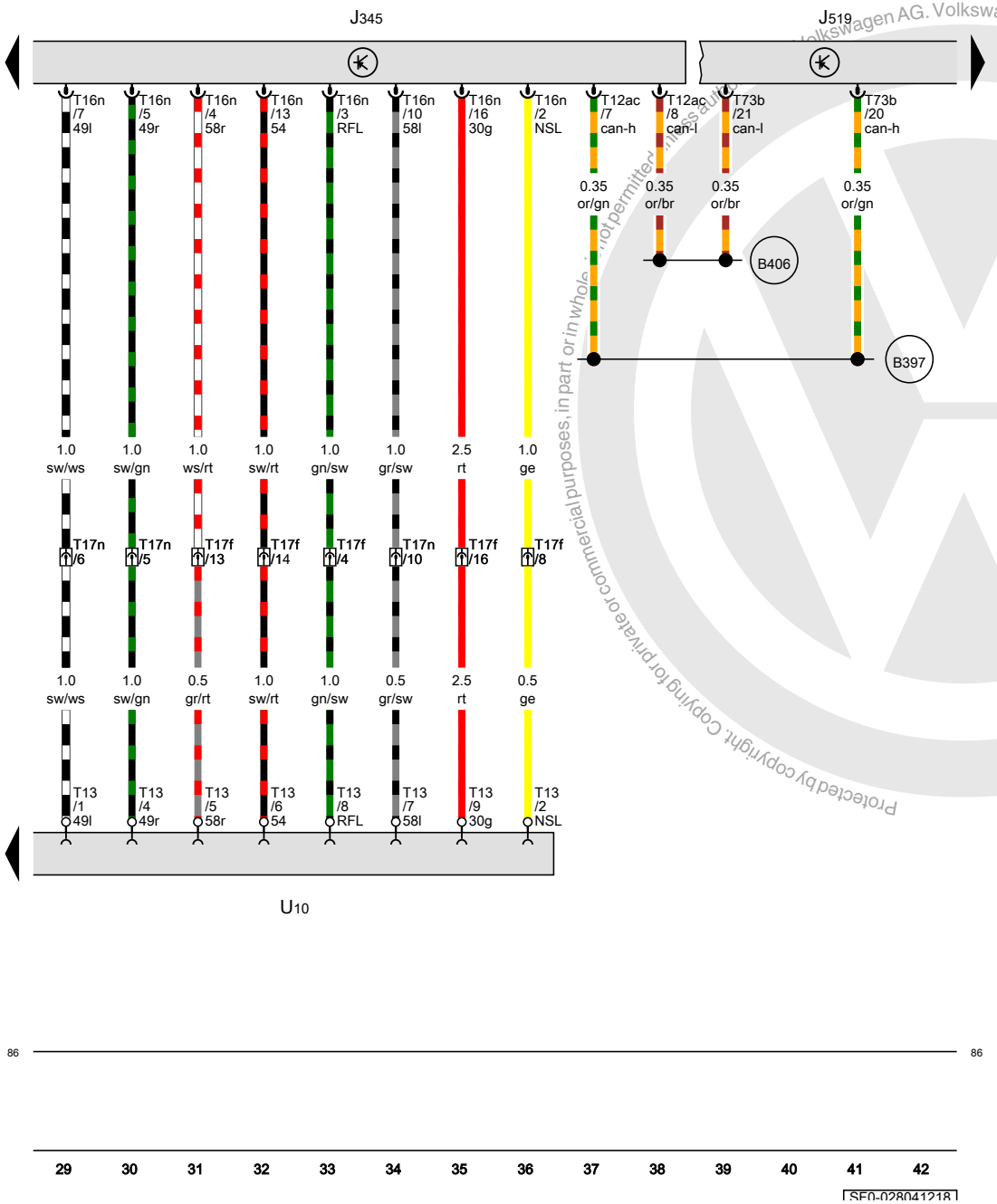

Trailer detector control unit, Onboard supply control unit, Trailer socket

J345	Trailer detector control unit
J519	Onboard supply control unit
T12ac	12-pin connector, red
T13	13-pin connector, black
T16n	16-pin connector, black
T17f	17-pin connector, brown, under seat on front left
T17n	17-pin connector, light green, under seat on front left
T73b	73-pin connector, white
U10	Trailer socket
86	Earth connection 1, in rear wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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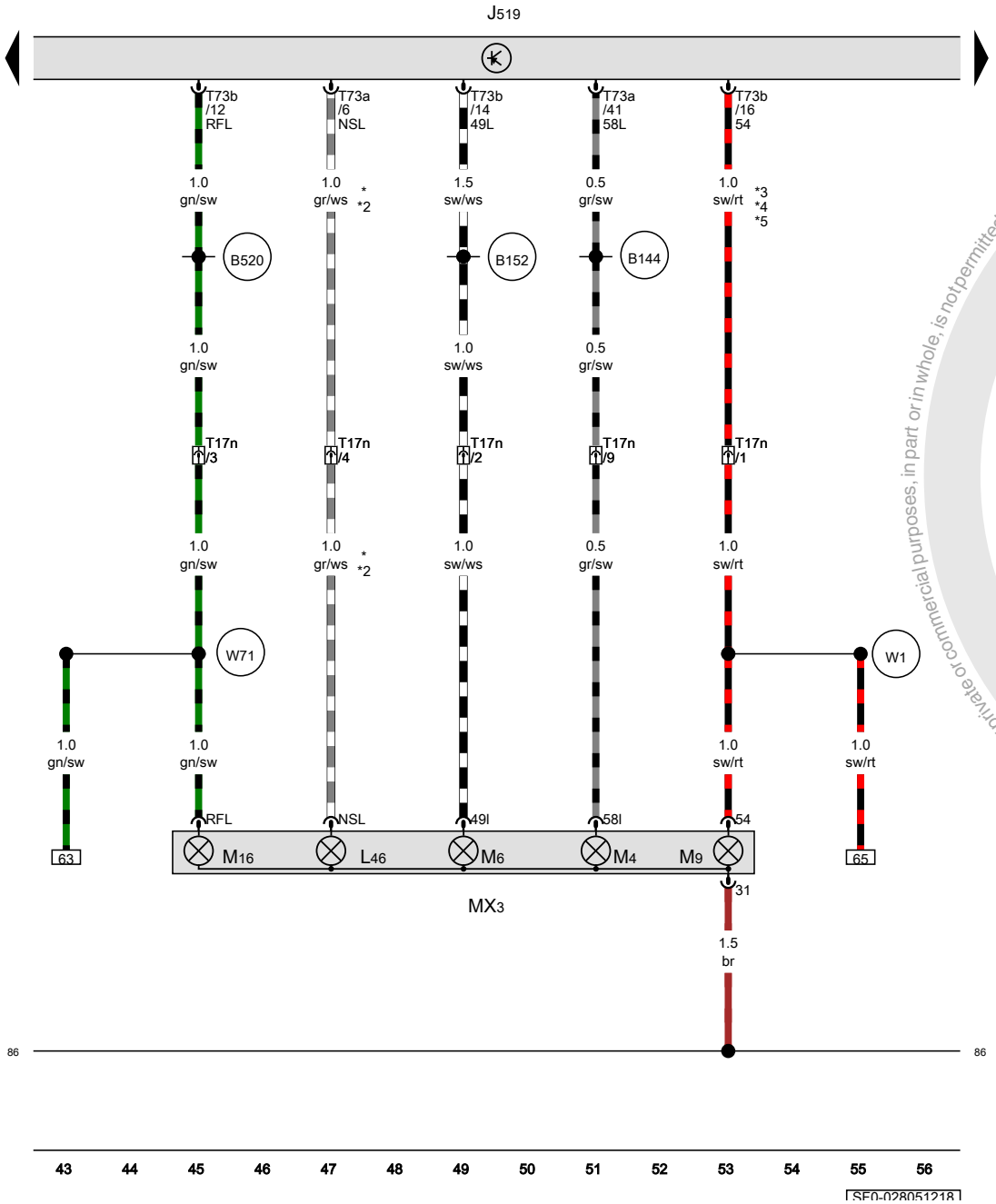

Onboard supply control unit, Left tail light cluster

J519	Onboard supply control unit
L46	Rear left fog light bulb
MX3	Left tail light cluster
M4	Left tail light bulb
M6	Rear left turn signal bulb
M9	Left brake light bulb
M16	Left reversing light bulb
T17n	17-pin connector, light green, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
86	Earth connection 1, in rear wiring harness
B144	Positive connection (58L), in interior wiring harness
B152	Connection (LTS), in interior wiring harness
B520	Connection (RL), in main wiring harness
W1	Positive connection 1 (54), in rear wiring harness
W71	Connection (reversing light), in rear wiring harness
*	For models with rear fog light
*2	For left-hand drive models
*3	For models with no electric interface
*4	For models with no special police equipment
*5	For models with no accident data recorder

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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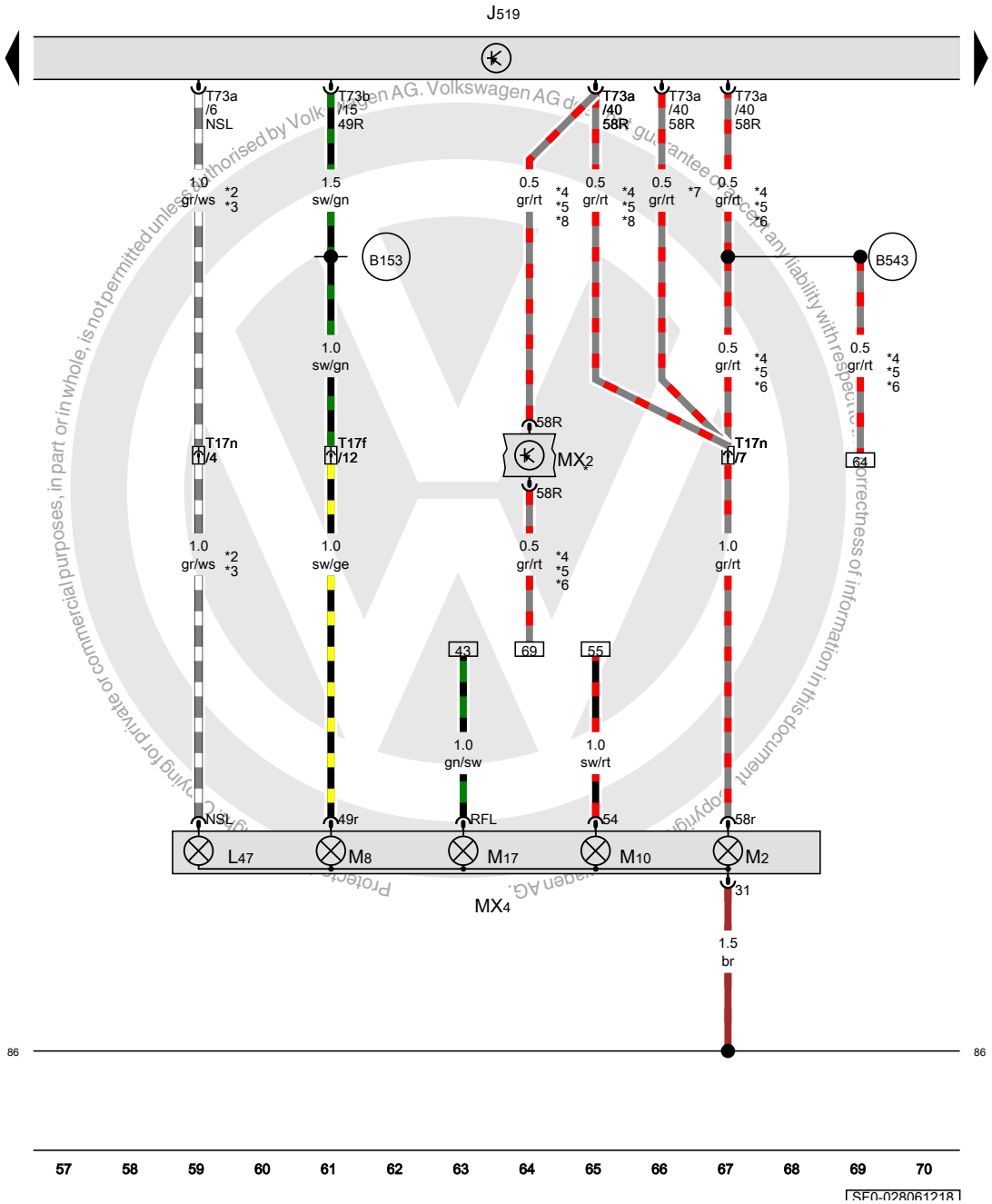

Onboard supply control unit, Right tail light cluster

J519	Onboard supply control unit
L47	Rear right fog light bulb
MX2	Front right headlight
M2	Right tail light bulb
MX4	Right tail light cluster
M8	Rear right turn signal bulb
M10	Right brake light bulb
M17	Right reversing light bulb
T17f	17-pin connector, brown, under seat on front left
T17n	17-pin connector, light green, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
86	Earth connection 1, in rear wiring harness
B153	Connection (RTS), in interior wiring harness
B543	Positive connection (58R), in main wiring harness
*	see applicable current flow diagram for headlights
*2	For models with rear fog light
*3	For right-hand drive models
*4	For models with H4 headlights
*5	For models with H7 headlights
*6	From June 2016
*7	For models with LED headlights
*8	Up to June 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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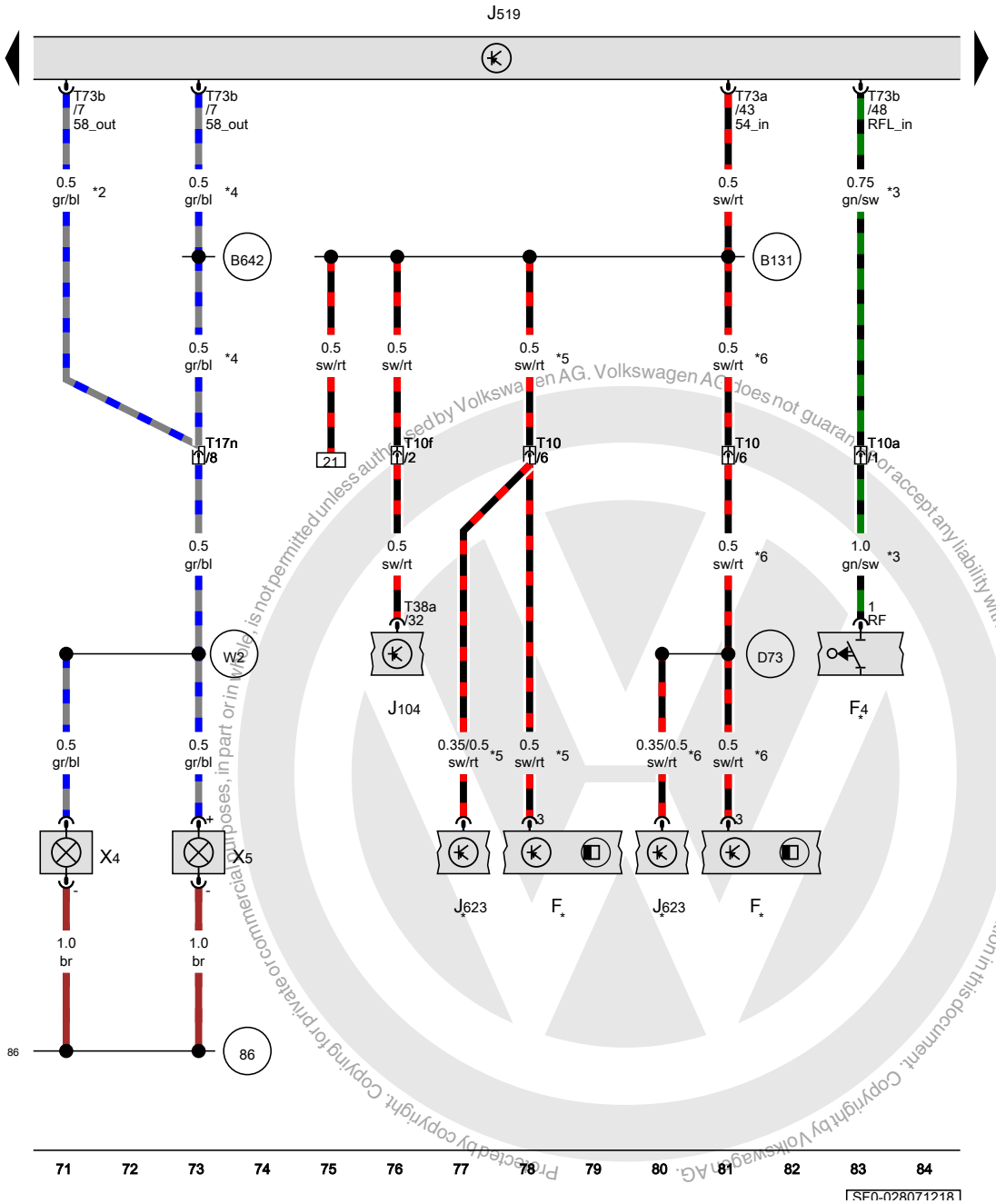
Brake light switch, Reversing light switch, Onboard supply control unit, Left number plate light, Right number plate light



F	Brake light switch
F4	Reversing light switch
J104	ABS control unit
J519	Onboard supply control unit
J623	Engine/motor control unit
T10	10-pin connector, black, in E-box in engine compartment
T10a	10-pin connector, brown, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T17n	17-pin connector, light green, under seat on front left
T38a	38-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
X4	Left number plate light
X5	Right number plate light
86	Earth connection 1, in rear wiring harness
B131	Connection (54), in interior wiring harness
B642	Positive connection (58), in main wiring harness
D73	Positive connection (54), in engine compartment wiring harness
W2	Positive connection (58), in interior light wiring harness
*	see applicable current flow diagram for engine
*2	For models with no background lighting
*3	For models with manual gearbox
*4	For models with background lighting
*5	Up to August 2018
*6	From August 2018

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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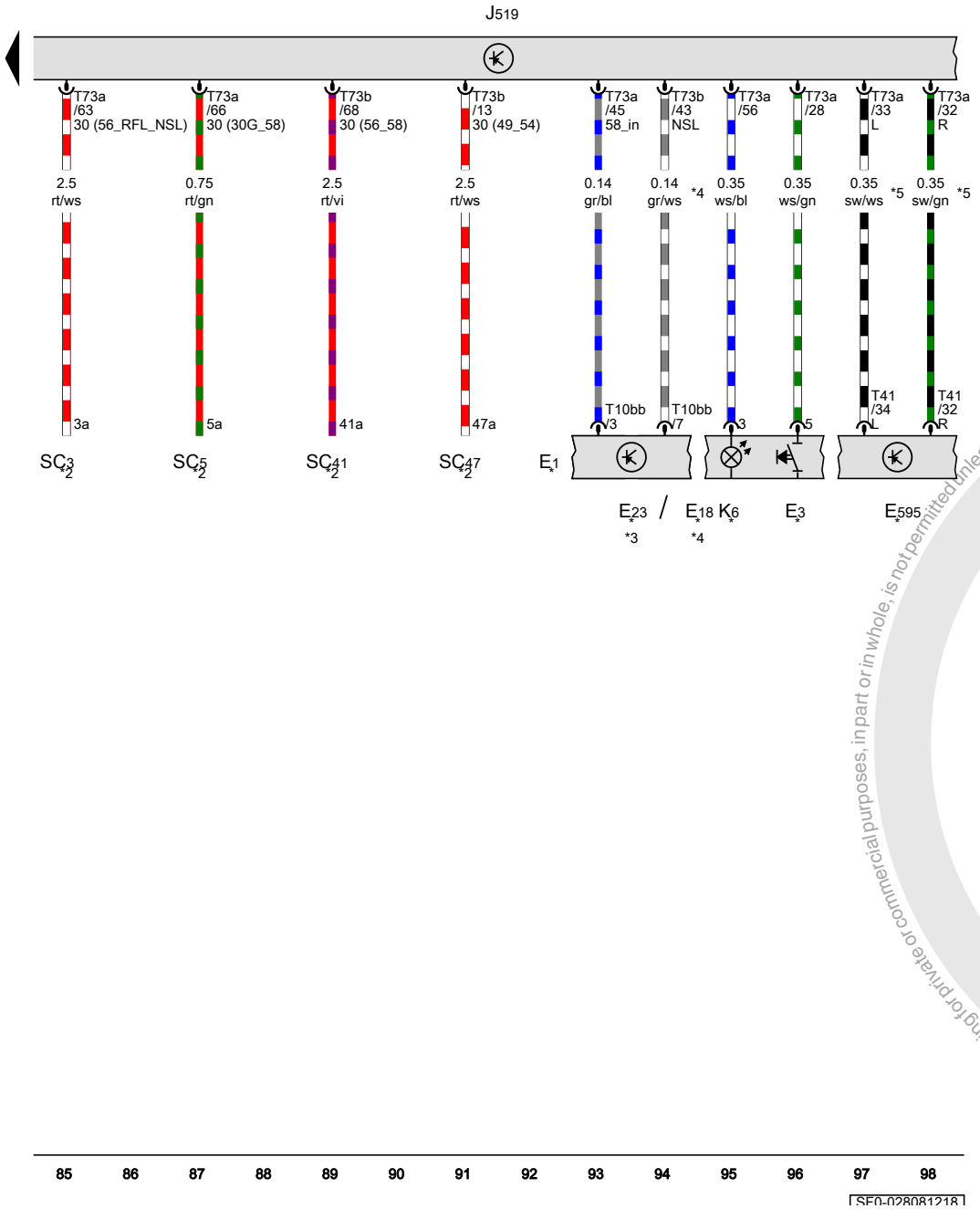

Light switch, Hazard warning light switch, Rear fog light switch, Front and rear fog light switch, Steering column combination switch, Onboard supply control unit, Indicator lamp for hazard warning light, Fuse 3 on fuse holder C, Fuse 5 on fuse holder C, Fuse 41 on fuse holder C, Fuse 47 on fuse holder C

E1	Light switch
E3	Hazard warning light switch
E18	Rear fog light switch
E23	Front and rear fog light switch
E595	Steering column combination switch
J519	Onboard supply control unit
K6	Indicator lamp for hazard warning light
SC3	Fuse 3 on fuse holder C
SC5	Fuse 5 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC47	Fuse 47 on fuse holder C
T10bb	10-pin connector, black
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
*	see applicable current flow diagram for headlights
*2	see applicable current flow diagram for fuse assignment
*3	For models with fog lights
*4	For models with rear fog light
*5	For models with no electric interface

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Tail light clusters for dropside, trailer coupling , (1D7)

From June 2015

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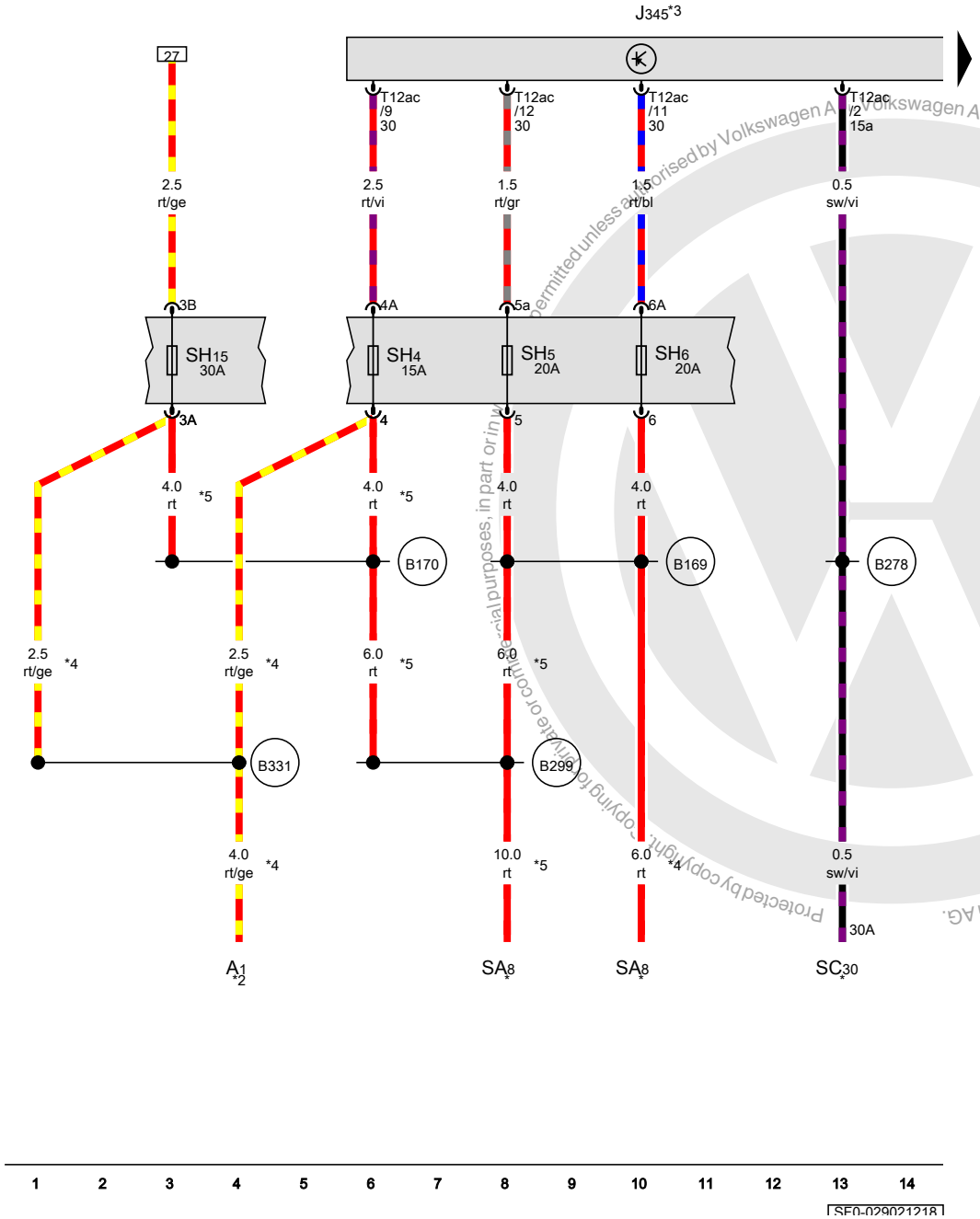

Trailer detector control unit, Fuse 4 in fuse holder H, Fuse 5 in fuse holder H, Fuse 6 in fuse holder H, Fuse 15 in fuse holder H, Fuse 30 on fuse holder C

A1	Second battery
J345	Trailer detector control unit
SH4	Fuse 4 in fuse holder H
SH5	Fuse 5 in fuse holder H
SH6	Fuse 6 in fuse holder H
SA8	Fuse 8 on fuse holder A
SH15	Fuse 15 in fuse holder H
SC30	Fuse 30 on fuse holder C
T12ac	12-pin connector, red
B169	Positive connection 1 (30), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B299	Positive connection 3 (30), in main wiring harness
B331	Positive connection 17 (30a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for battery
*3	Not included in preparation for system/component
*4	For models with second battery
*5	For models with no second battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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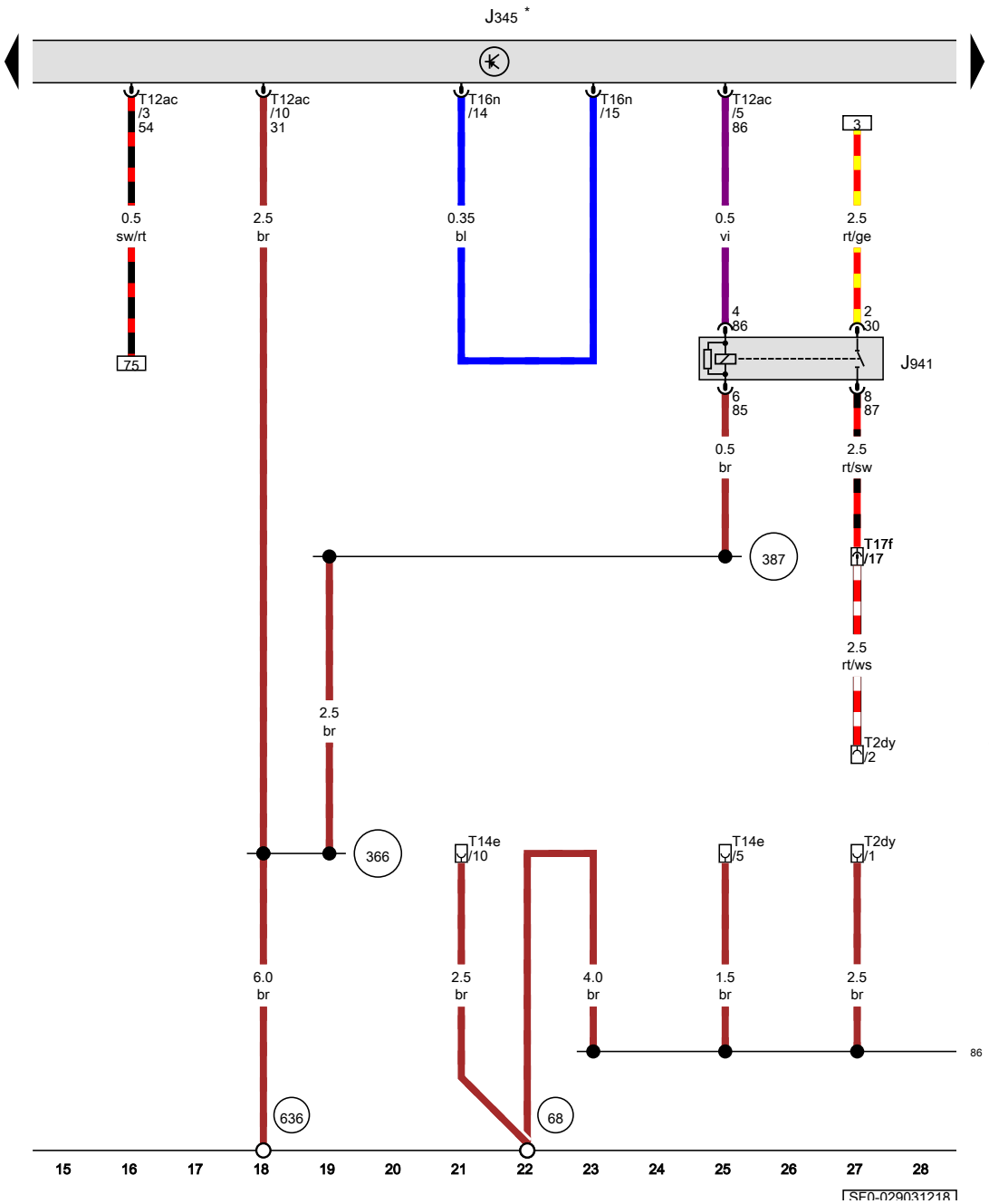

Trailer detector control unit

J345	Trailer detector control unit
J941	Trailer voltage supply relay
T2dy	2-pin connector, black, on number plate light
T12ac	12-pin connector, red
T14e	14-pin connector, black, on number plate light
T16n	16-pin connector, black
T17f	17-pin connector, brown, under seat on front left
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
366	Earth connection 1, in main wiring harness
387	Earth connection 22, in main wiring harness
636	Earth point, onboard supply control unit
*	Not included in preparation for system/component

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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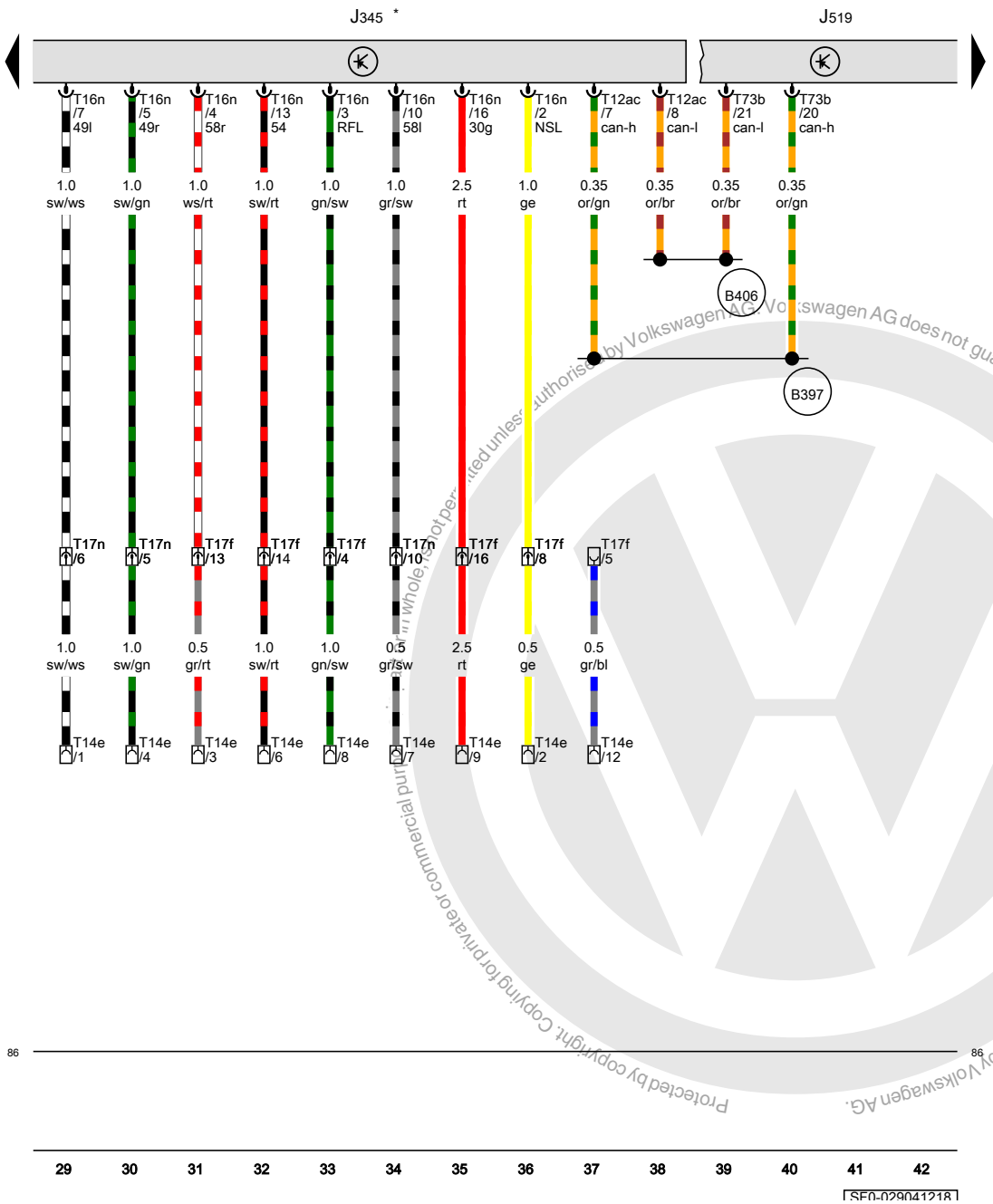

Trailer detector control unit, Onboard supply control unit

J345	Trailer detector control unit
J519	Onboard supply control unit
T12ac	12-pin connector, red
T14e	14-pin connector, black, on number plate light
T16n	16-pin connector, black
T17f	17-pin connector, brown, under seat on front left
T17n	17-pin connector, light green, under seat on front left
T73b	73-pin connector, white
86	Earth connection 1, in rear wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Not included in preparation for system/component

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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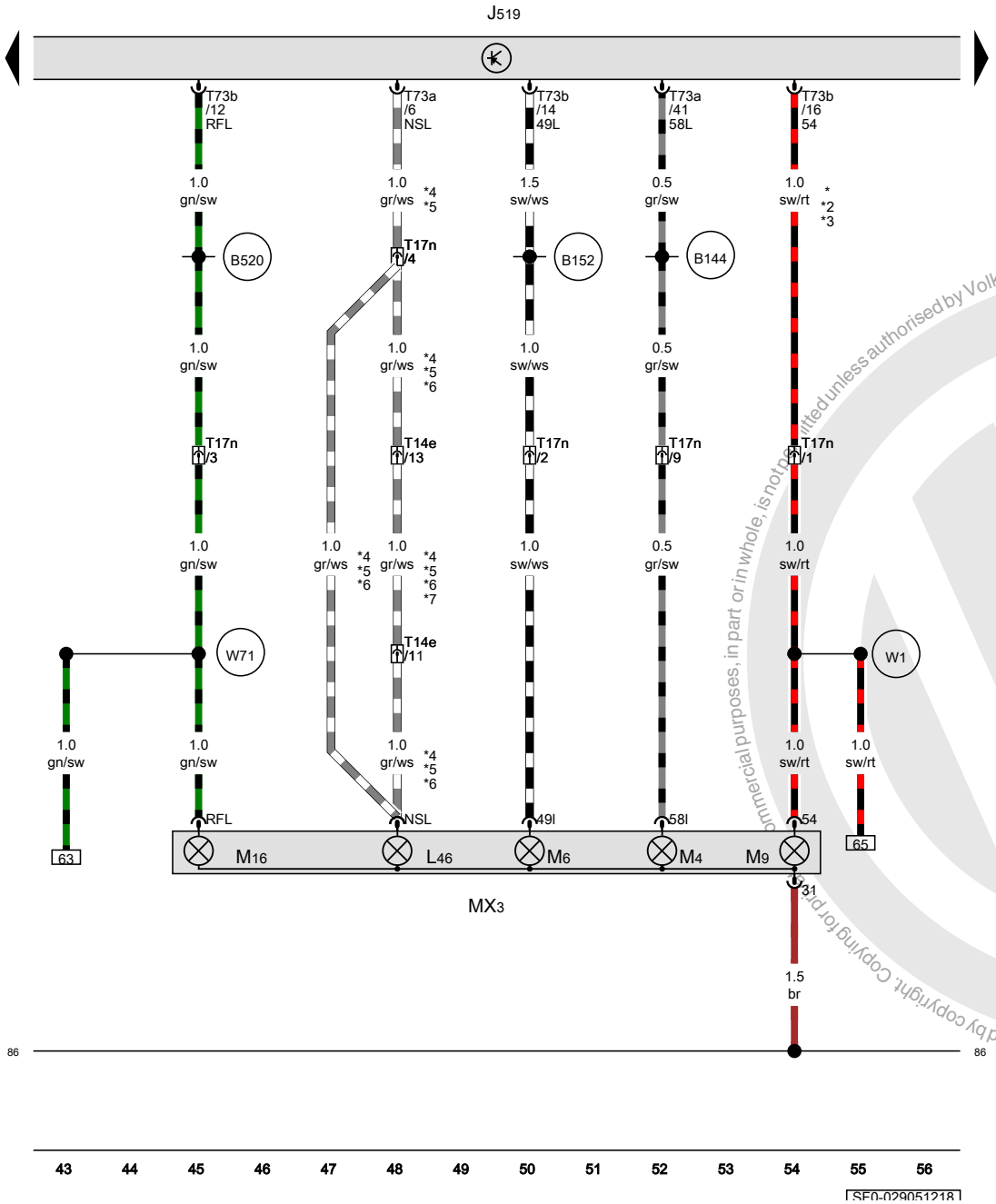

Onboard supply control unit, Left tail light cluster

J519	Onboard supply control unit
L46	Rear left fog light bulb
MX3	Left tail light cluster
M4	Left tail light bulb
M6	Rear left turn signal bulb
M9	Left brake light bulb
M16	Left reversing light bulb
T14e	14-pin connector, black, on number plate light
T17n	17-pin connector, light green, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
86	Earth connection 1, in rear wiring harness
B144	Positive connection (58L), in interior wiring harness
B152	Connection (LTS), in interior wiring harness
B520	Connection (RL), in main wiring harness
W1	Positive connection 1 (54), in rear wiring harness
W71	Connection (reversing light), in rear wiring harness
*	For models with no electric interface
*2	For models with no special police equipment
*3	For models with no accident data recorder
*4	For models with rear fog light
*5	For left-hand drive models
*6	According to equipment
*7	Push-in bridge

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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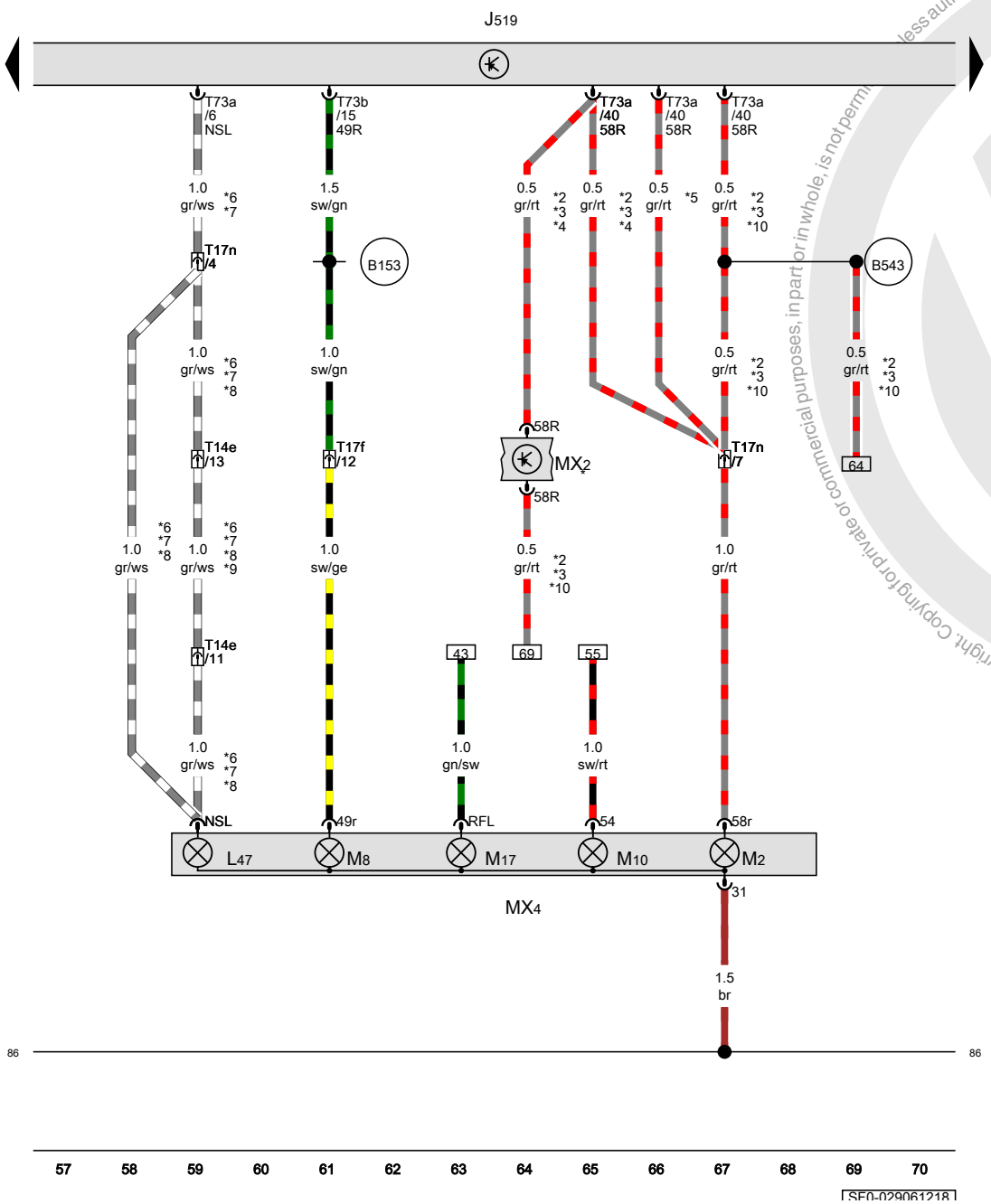

Onboard supply control unit, Right tail light cluster

J519	Onboard supply control unit
L47	Rear right fog light bulb
M2	Right tail light bulb
MX2	Front right headlight
MX4	Right tail light cluster
M8	Rear right turn signal bulb
M10	Right brake light bulb
M17	Right reversing light bulb
T14e	14-pin connector, black, on number plate light
T17f	17-pin connector, brown, under seat on front left
T17n	17-pin connector, light green, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
86	Earth connection 1, in rear wiring harness
B153	Connection (RTS), in interior wiring harness
B543	Positive connection (58R), in main wiring harness
*	see applicable current flow diagram for headlights
*2	For models with H4 headlights
*3	For models with H7 headlights
*4	Up to June 2016
*5	For models with LED headlights
*6	For models with rear fog light
*7	For right-hand drive models
*8	According to equipment
*9	Push-in bridge
*10	From June 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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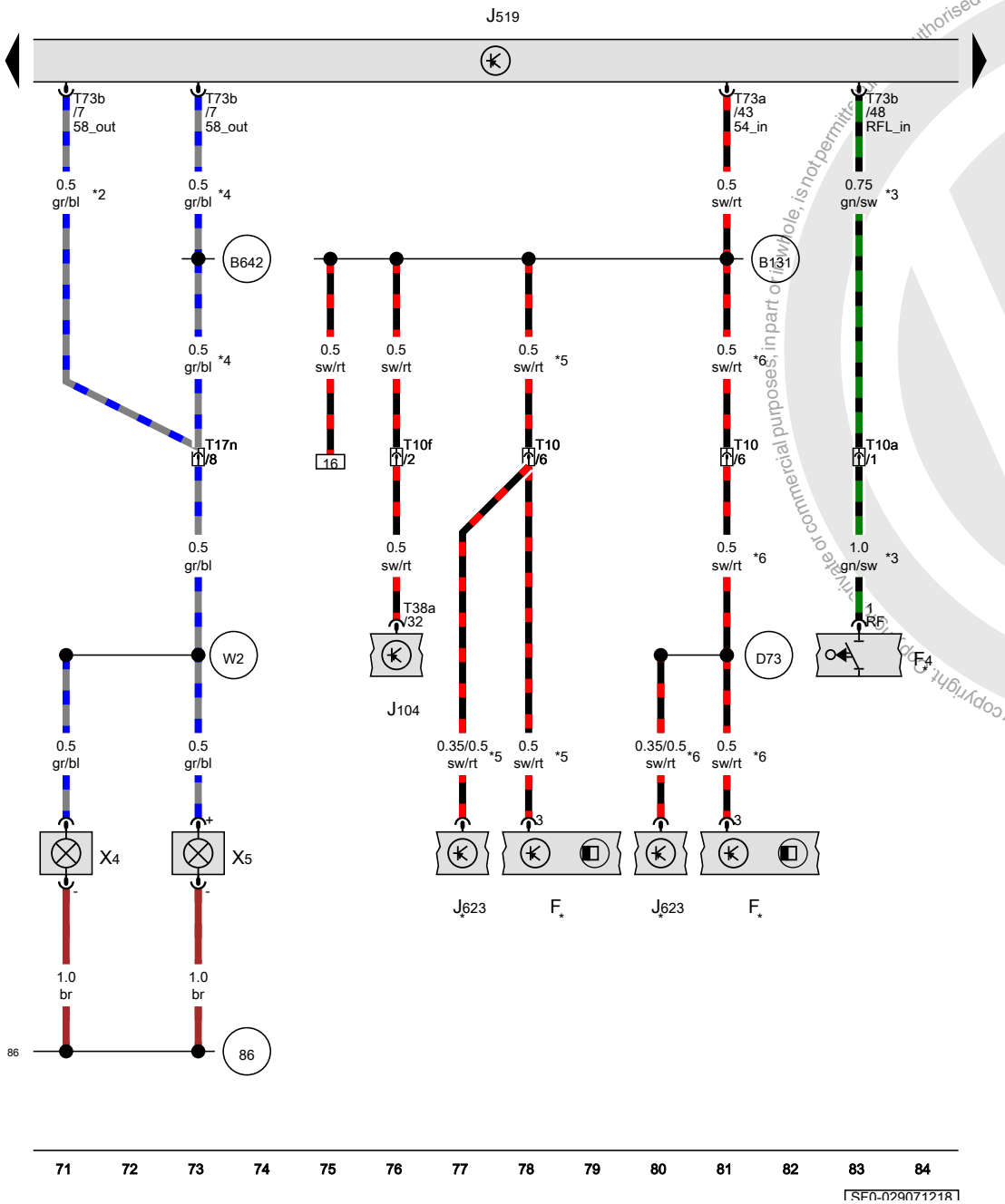
Brake light switch, Reversing light switch, Onboard supply control unit, Left number plate light, Right number plate light



F	Brake light switch
F4	Reversing light switch
J104	ABS control unit
J519	Onboard supply control unit
J623	Engine/motor control unit
T10	10-pin connector, black, in E-box in engine compartment
T10a	10-pin connector, brown, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T17n	17-pin connector, light green, under seat on front left
T38a	38-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
X4	Left number plate light
X5	Right number plate light
86	Earth connection 1, in rear wiring harness
B131	Connection (54), in interior wiring harness
B642	Positive connection (58), in main wiring harness
D73	Positive connection (54), in engine compartment wiring harness
W2	Positive connection (58), in interior light wiring harness
*	see applicable current flow diagram for engine
*2	For models with no background lighting
*3	For models with manual gearbox
*4	For models with background lighting
*5	Up to August 2018
*6	From August 2018

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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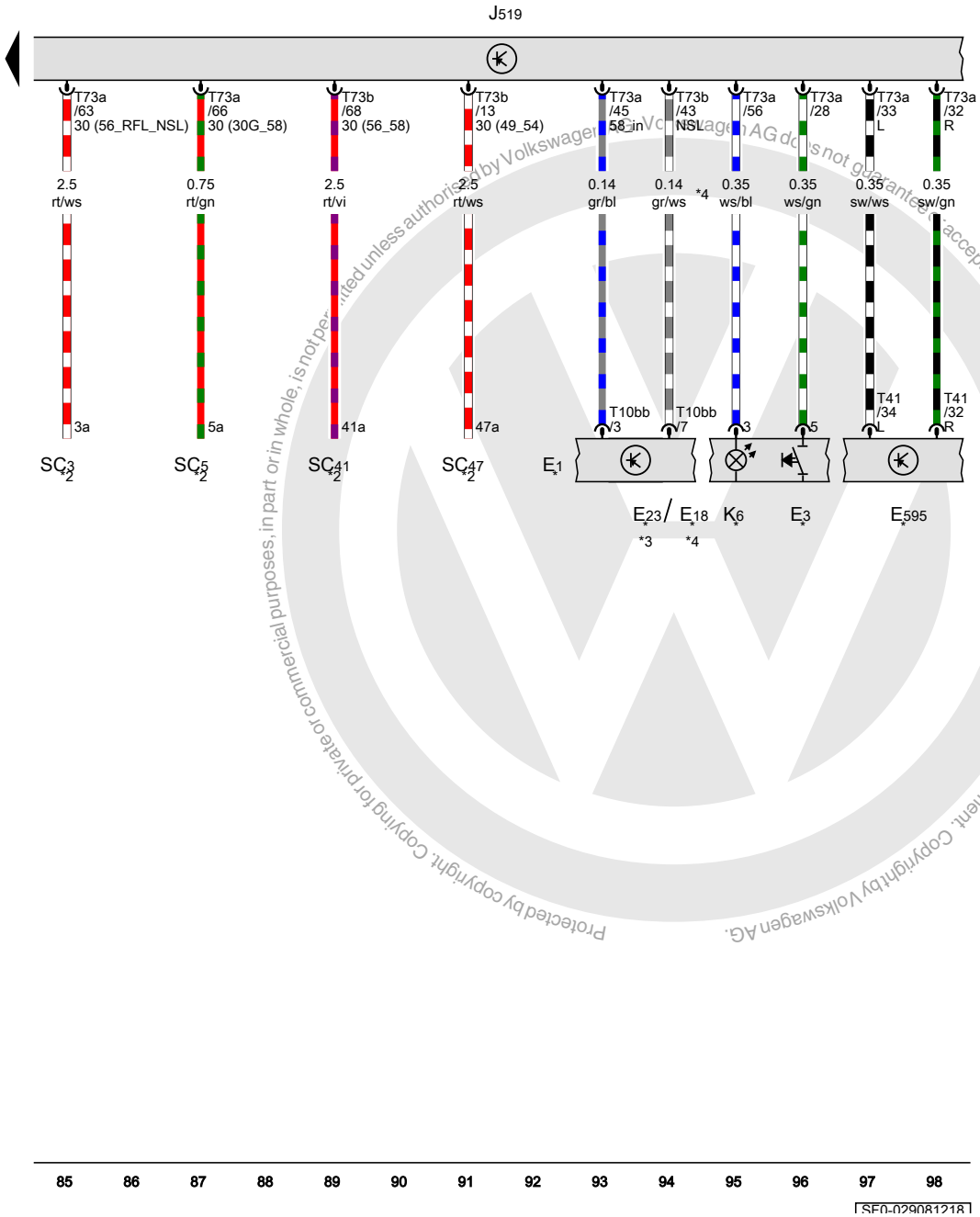

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Light switch, Hazard warning light switch, Rear fog light switch, Front and rear fog light switch, Steering column combination switch, Onboard supply control unit, Indicator lamp for hazard warning light, Fuse 3 on fuse holder C, Fuse 5 on fuse holder C, Fuse 41 on fuse holder C, Fuse 47 on fuse holder C

E1	Light switch
E3	Hazard warning light switch
E18	Rear fog light switch
E23	Front and rear fog light switch
E595	Steering column combination switch
J519	Onboard supply control unit
K6	Indicator lamp for hazard warning light
SC3	Fuse 3 on fuse holder C
SC5	Fuse 5 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC47	Fuse 47 on fuse holder C
T10bb	10-pin connector, black
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
*	see applicable current flow diagram for headlights
*2	see applicable current flow diagram for fuse assignment
*3	For models with fog lights
*4	For models with rear fog light

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Trailer coupling , (1D1),(1D2),(1D7)

From June 2015

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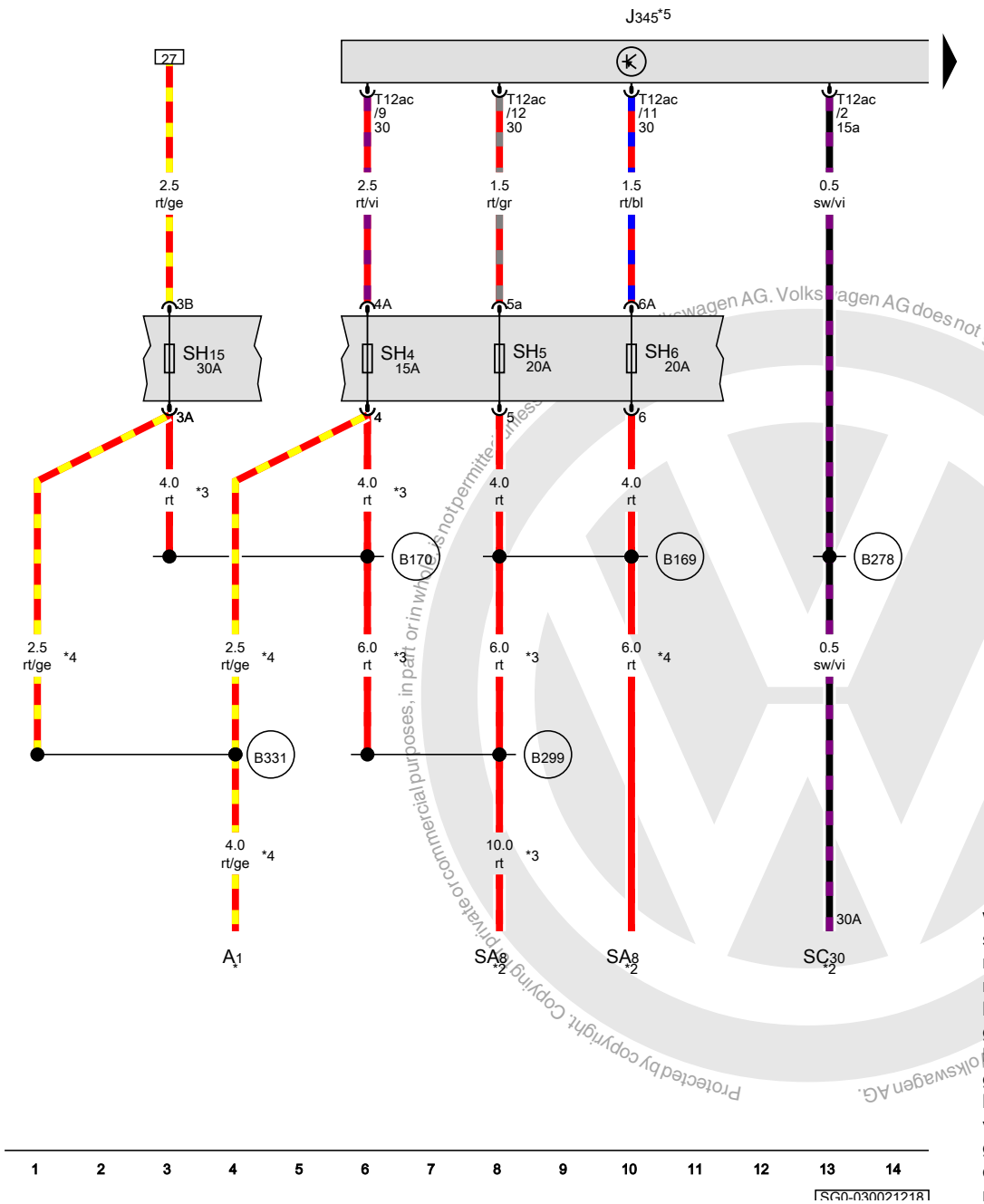

Trailer detector control unit, Fuse 4 in fuse holder H, Fuse 5 in fuse holder H, Fuse 6 in fuse holder H, Fuse 15 in fuse holder H, Fuse 30 on fuse holder C

A1	Second battery
J345	Trailer detector control unit
SH4	Fuse 4 in fuse holder H
SH5	Fuse 5 in fuse holder H
SH6	Fuse 6 in fuse holder H
SA8	Fuse 8 on fuse holder A
SH15	Fuse 15 in fuse holder H
SC30	Fuse 30 on fuse holder C
T12ac	12-pin connector, red
B169	Positive connection 1 (30), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B299	Positive connection 3 (30), in main wiring harness
B331	Positive connection 17 (30a) in main wiring harness
*	see applicable current flow diagram for battery
*2	see applicable current flow diagram for fuse assignment
*3	For models with no second battery
*4	For models with second battery
*5	Not included in preparation for system/component

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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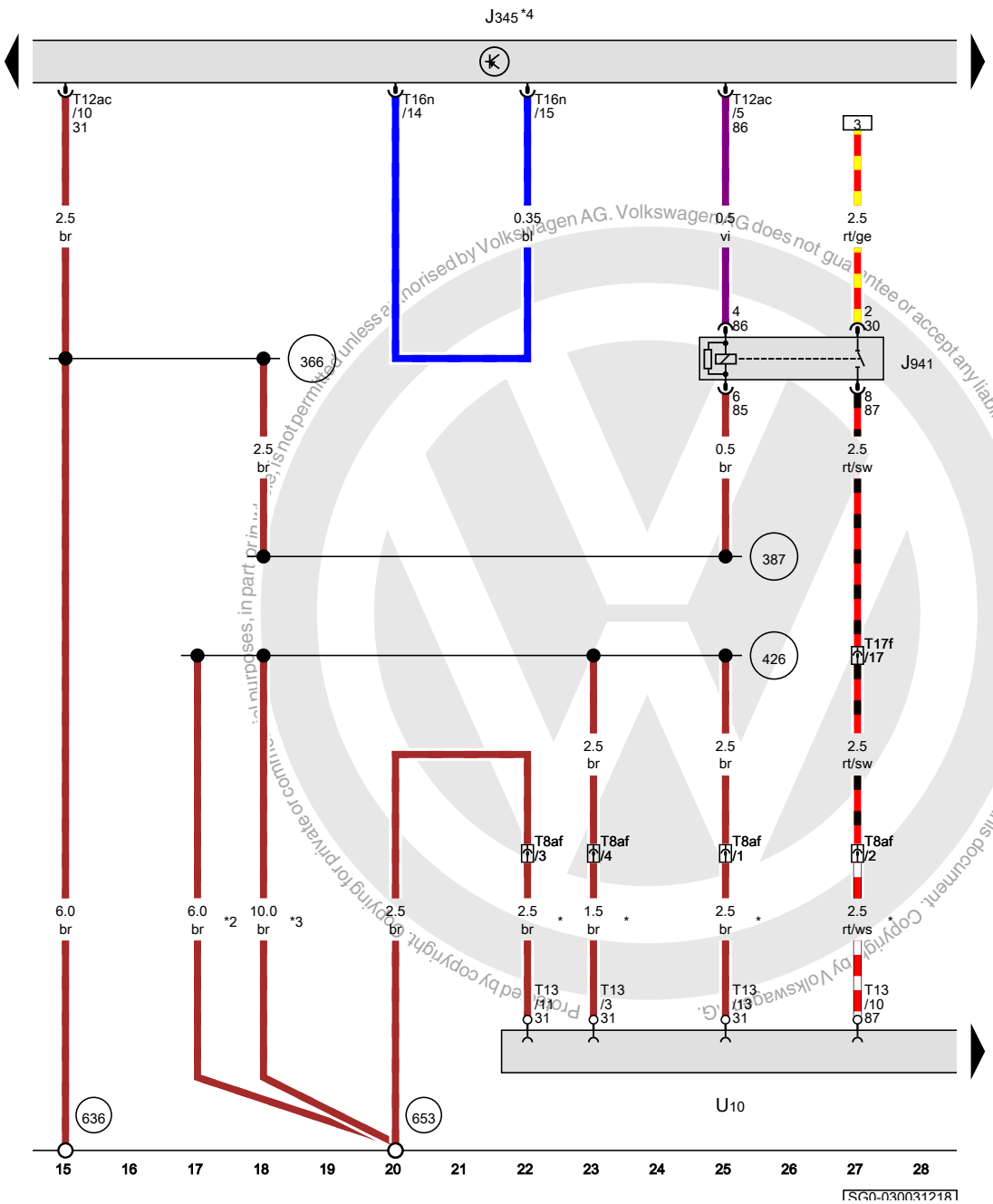

Trailer detector control unit, Trailer socket

J345	Trailer detector control unit
J941	Trailer voltage supply relay
T8af	8-pin connector, black, in left D-pillar
T12ac	12-pin connector, red
T13	13-pin connector, black
T16n	16-pin connector, black
T17f	17-pin connector, brown, under seat on front left
U10	Trailer socket
366	Earth connection 1, in main wiring harness
387	Earth connection 22, in main wiring harness
426	Earth connection 3, in left rear end wiring harness
636	Earth point, onboard supply control unit
653	Earth point, on left D-pillar
*	For models with trailer socket
*2	For models with no heated rear window
*3	For models with heated rear window
*4	Not included in preparation for system/component

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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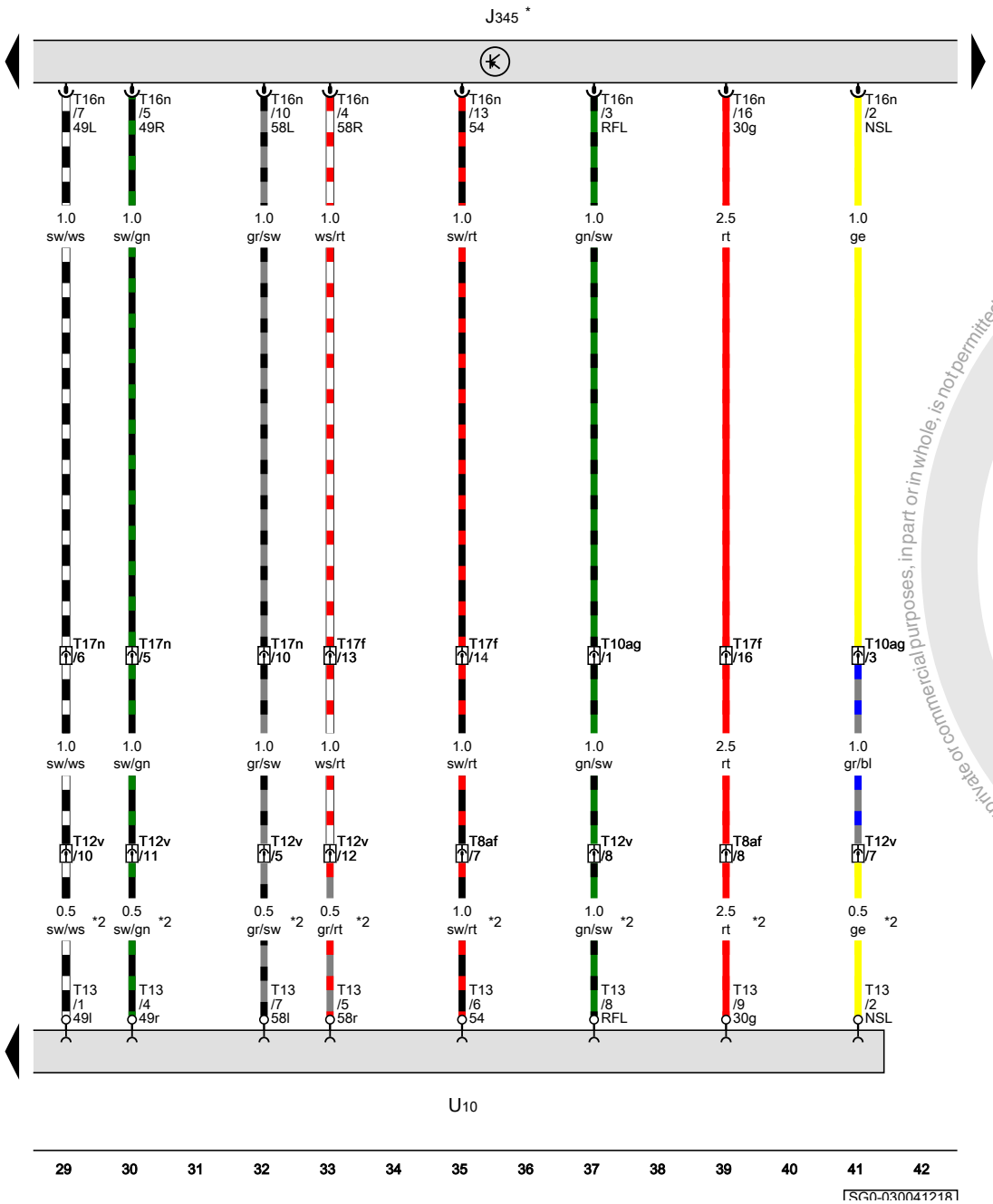

Trailer detector control unit, Trailer socket

J345	Trailer detector control unit
T8af	8-pin connector, black, in left D-pillar
T10ag	10-pin connector, brown, on left A-pillar
T12v	12-pin connector, black, in left D-pillar
T13	13-pin connector, black
T16n	16-pin connector, black
T17f	17-pin connector, brown, under seat on front left
T17n	17-pin connector, light green, under seat on front left
U10	Trailer socket
*	Not included in preparation for system/component
*2	For models with trailer socket

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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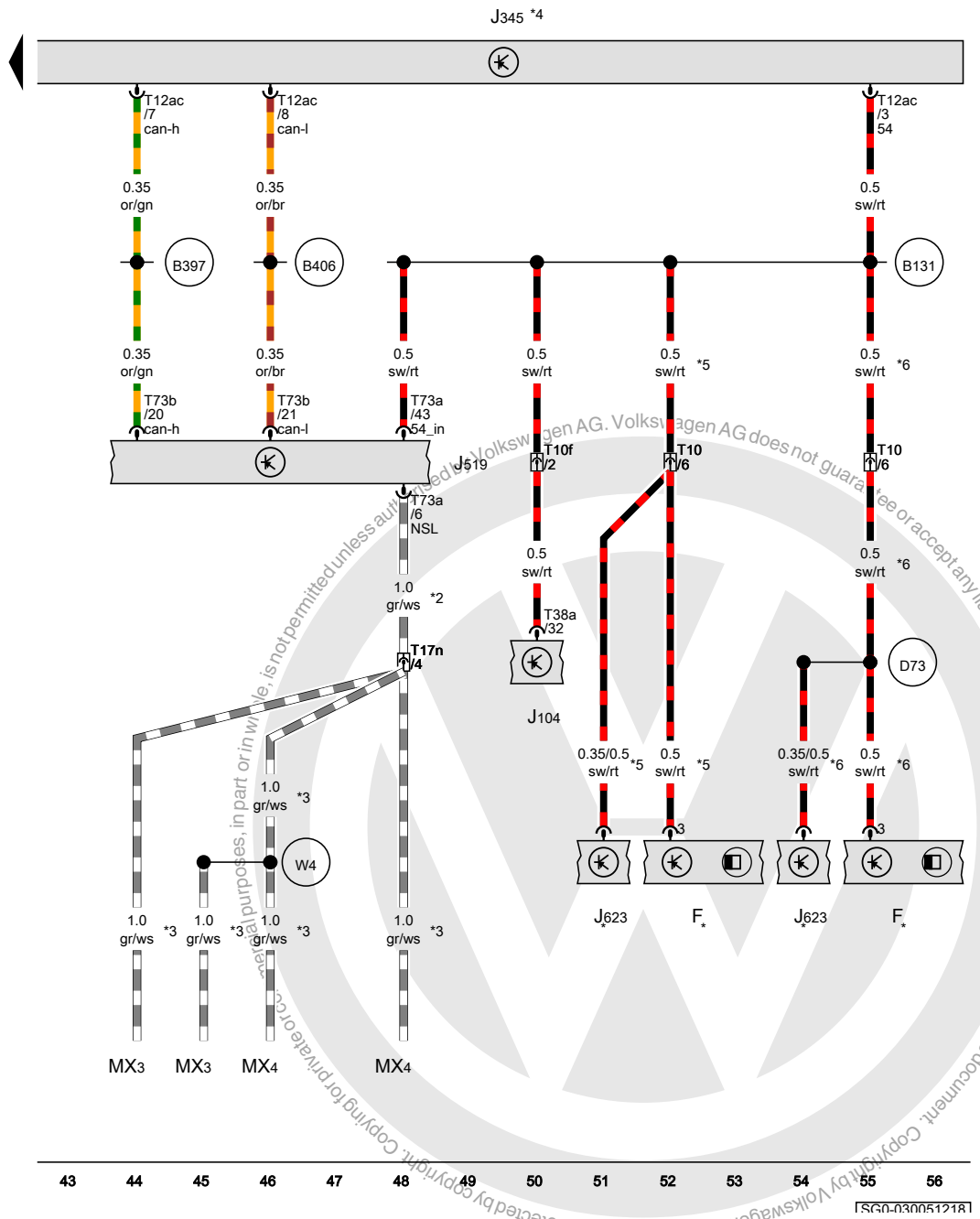

Brake light switch, Trailer detector control unit, Onboard supply control unit

F	Brake light switch
J104	ABS control unit
J345	Trailer detector control unit
J519	Onboard supply control unit
J623	Engine/motor control unit
MX3	Left tail light cluster
MX4	Right tail light cluster
T10	10-pin connector, black, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T12ac	12-pin connector, red
T17n	17-pin connector, light green, under seat on front left
T38a	38-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
B131	Connection (54), in interior wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
D73	Positive connection (54), in engine compartment wiring harness
W4	Connection 1 (rear fog light), in rear wiring harness
*	see applicable current flow diagram for engine
*2	For models with rear fog light
*3	According to equipment
*4	Not included in preparation for system/component
*5	Up to August 2018
*6	From August 2018

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Adaptive cruise control

From June 2015

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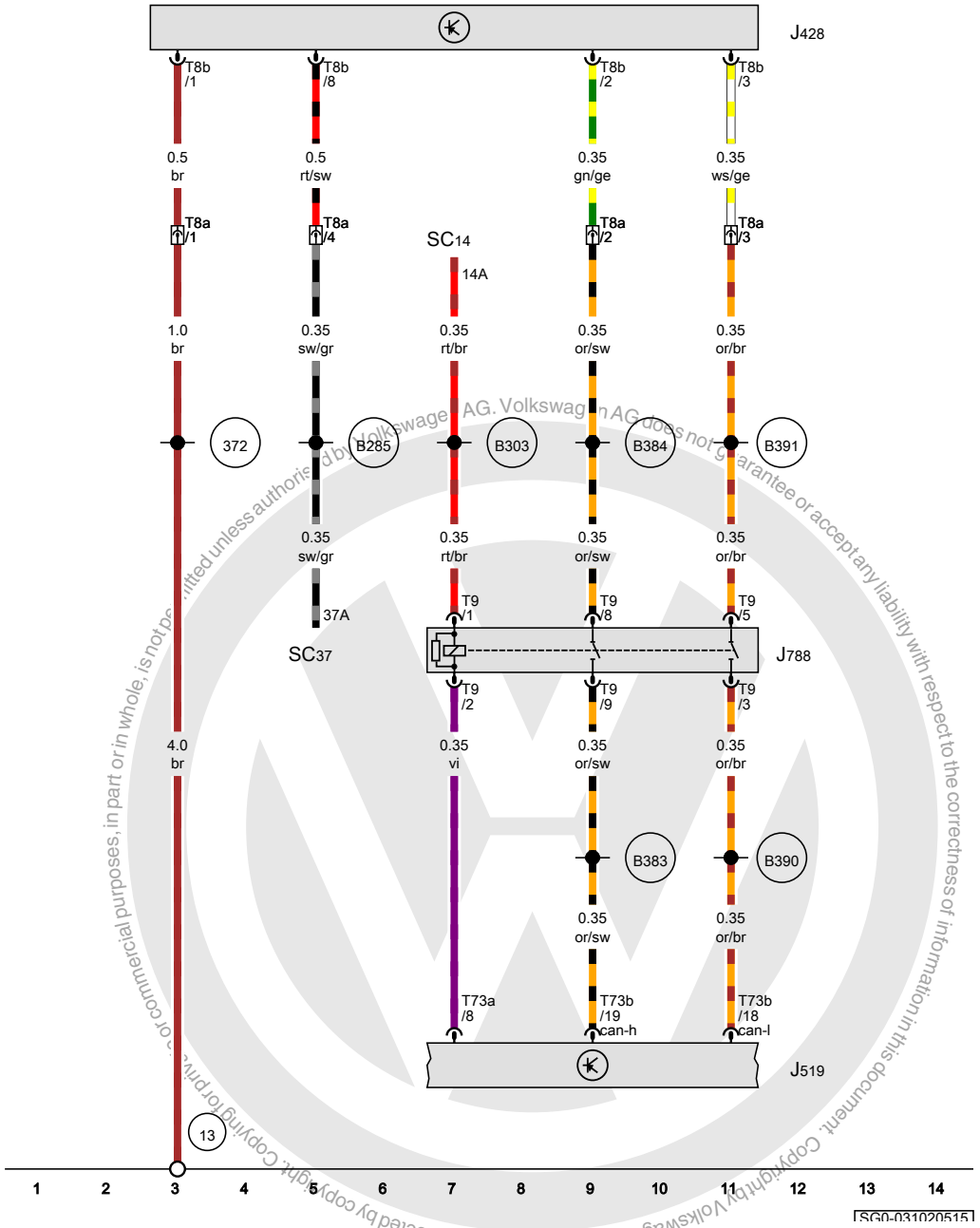
Adaptive cruise control unit, Onboard supply control unit, Isolation relay for powertrain CAN bus, Fuse 14 on fuse holder C, Fuse 37 on fuse holder C



J428	Adaptive cruise control unit
J519	Onboard supply control unit
J788	Isolation relay for powertrain CAN bus
SC14	Fuse 14 on fuse holder C
SC37	Fuse 37 on fuse holder C
T8a	8-pin connector, black, near horn, dual-tone horn
T8b	8-pin connector, black
T9	9-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
13	Earth point, on right in engine compartment
372	Earth connection 7, in main wiring harness
B285	Positive connection 9 (15a) in main wiring harness
B303	Positive connection 7 (30), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B384	Connection 2 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B391	Connection 2 (powertrain CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Parking aid (PDC)

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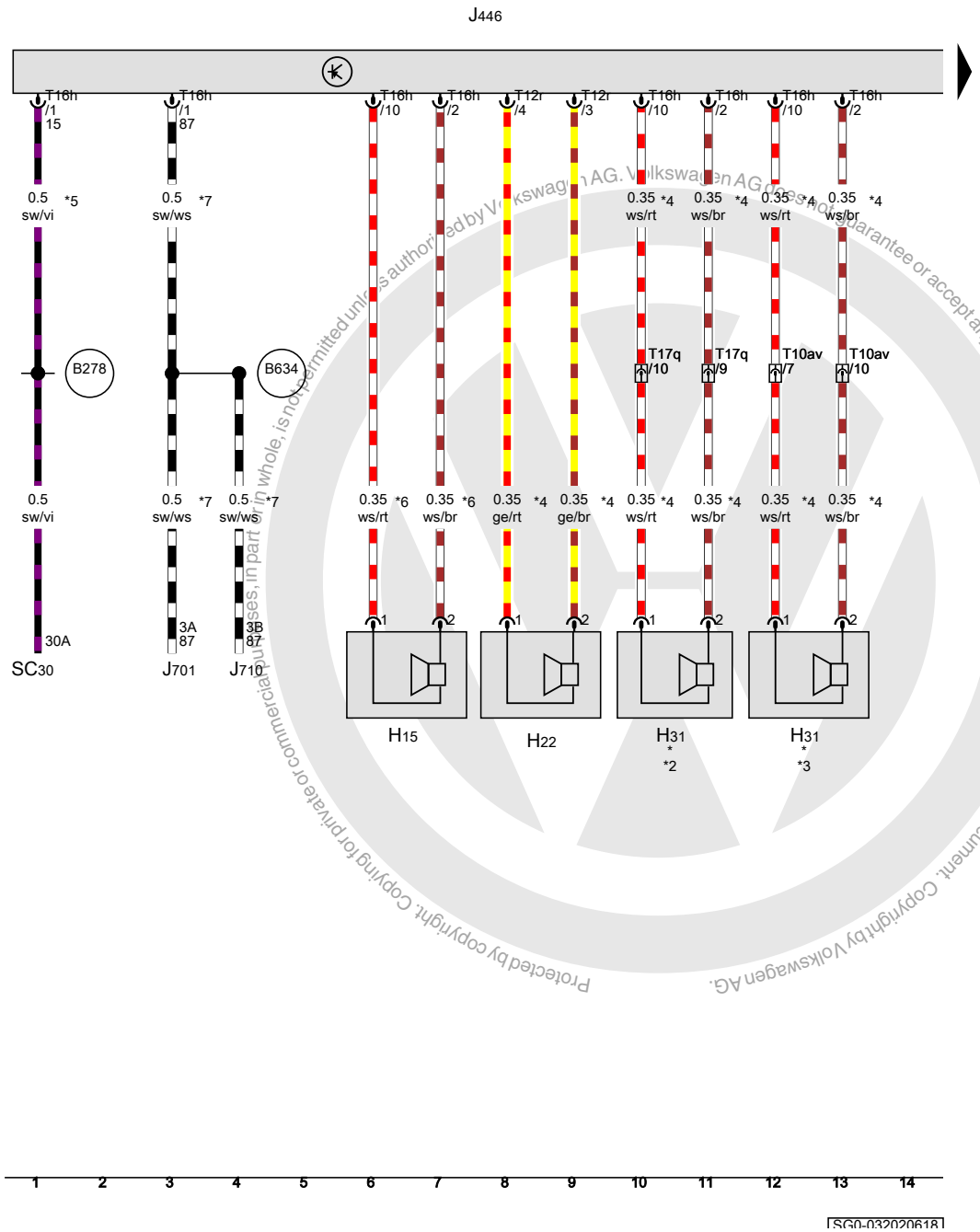

Rear parking aid warning buzzer, Front parking aid warning buzzer, Warning buzzer 2 for rear parking aid, Parking aid control unit, Voltage supply relay 1, Voltage supply relay 2, Fuse 30 on fuse holder C

H15	Rear parking aid warning buzzer, on parking aid control unit
H22	Front parking aid warning buzzer, on parking aid control unit
H31	Warning buzzer 2 for rear parking aid
J446	Parking aid control unit
J701	Voltage supply relay 1
J710	Voltage supply relay 2
SC30	Fuse 30 on fuse holder C
T10av	10-pin connector, brown, under seat on front right
T12r	12-pin connector, brown
T16h	16-pin connector, brown
T17q	17-pin connector, black, under seat on front left
B278	Positive connection 2 (15a) in main wiring harness
B634	Positive connection 2 (87), in main wiring harness
*	According to equipment
*2	near left D-pillar
*3	near right B-pillar
*4	For models with front/rear parking aid
*5	For models with no electric rear lid opener
*6	For models with rear parking aid
*7	For models with electric rear lid opener

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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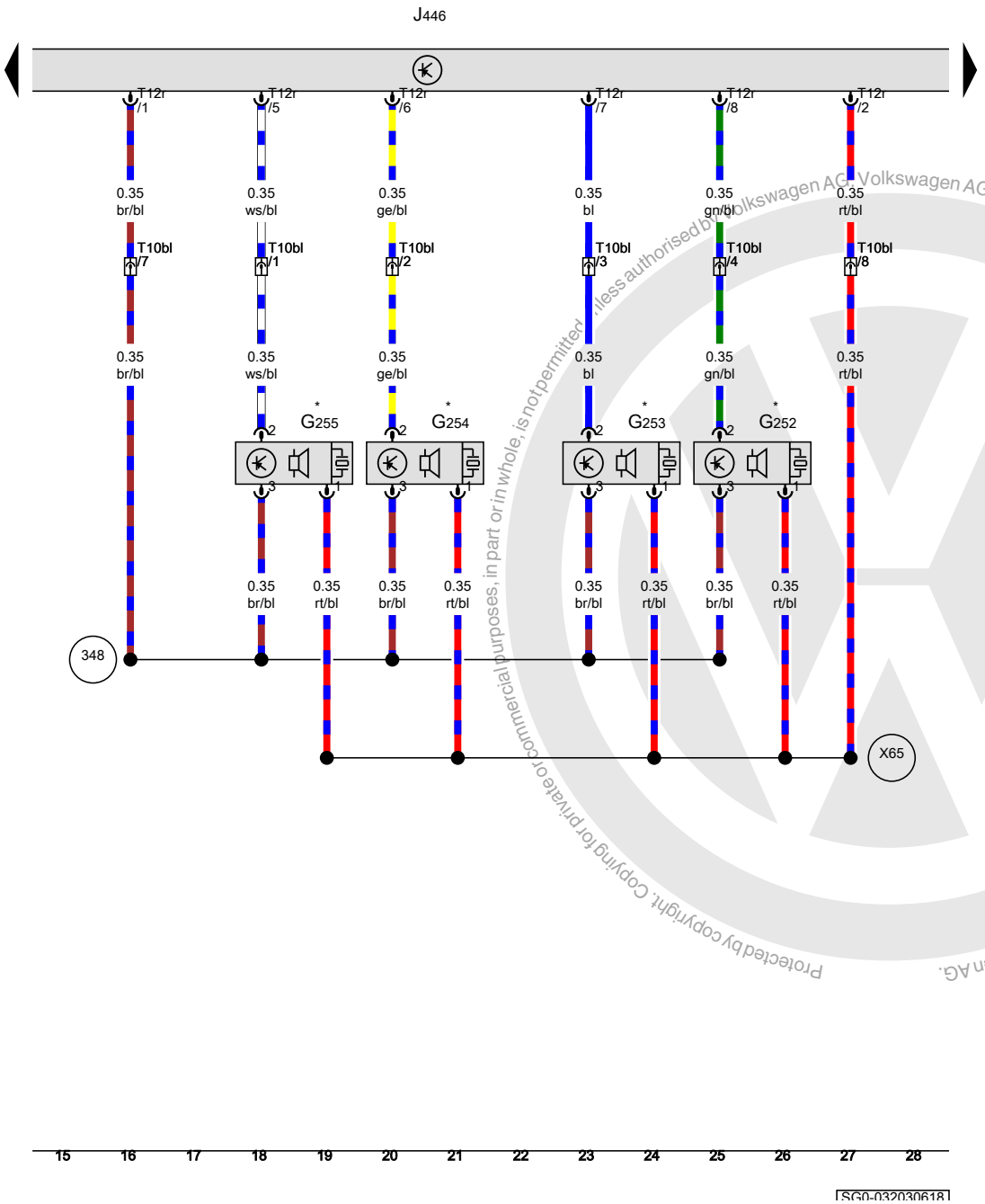

Front right parking aid sender, Front centre right parking aid sender, Front centre left parking aid sender, Front left parking aid sender, Parking aid control unit

G252	Front right parking aid sender
G253	Front centre right parking aid sender
G254	Front centre left parking aid sender
G255	Front left parking aid sender
J446	Parking aid control unit
T10bl	10-pin connector, black, near horn, dual tone horn
T12r	12-pin connector, brown
348	Earth connection (parking aid), in front bumper wiring harness
X65	Connection (parking aid), in front bumper wiring harness
*	For models with front/rear parking aid

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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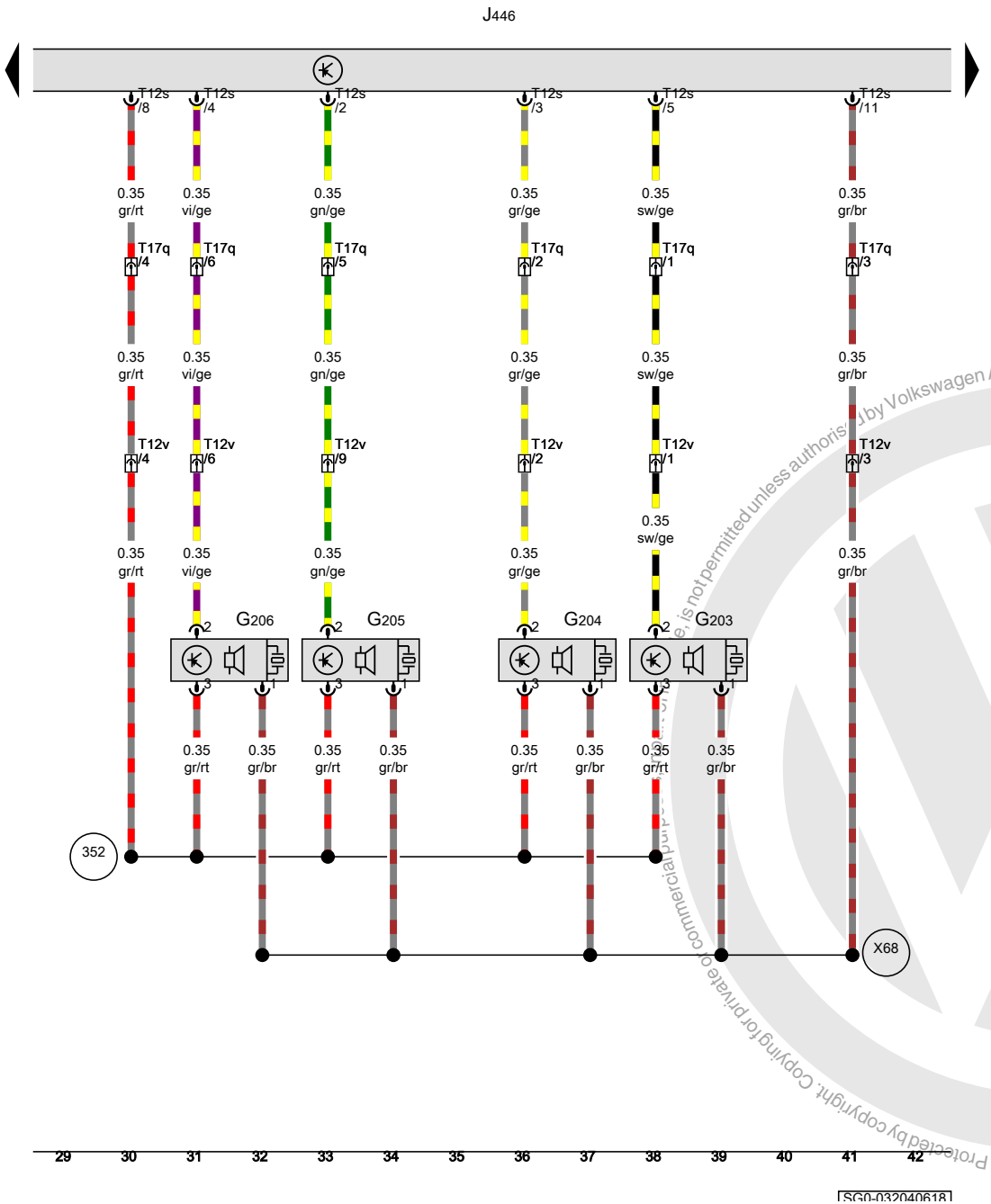
Rear left parking aid sender, Rear centre left parking aid sender, Rear centre right parking aid sender, Rear right parking aid sender, Parking aid control unit



G203	Rear left parking aid sender
G204	Rear centre left parking aid sender
G205	Rear centre right parking aid sender
G206	Rear right parking aid sender
J446	Parking aid control unit
T12s	12-pin connector, black
T12v	12-pin connector, black, behind left D-pillar trim
T17q	17-pin connector, black, under seat on front left
352	Earth connection (parking aid), in rear bumper wiring harness
X68	Positive connection (parking aid), in rear bumper wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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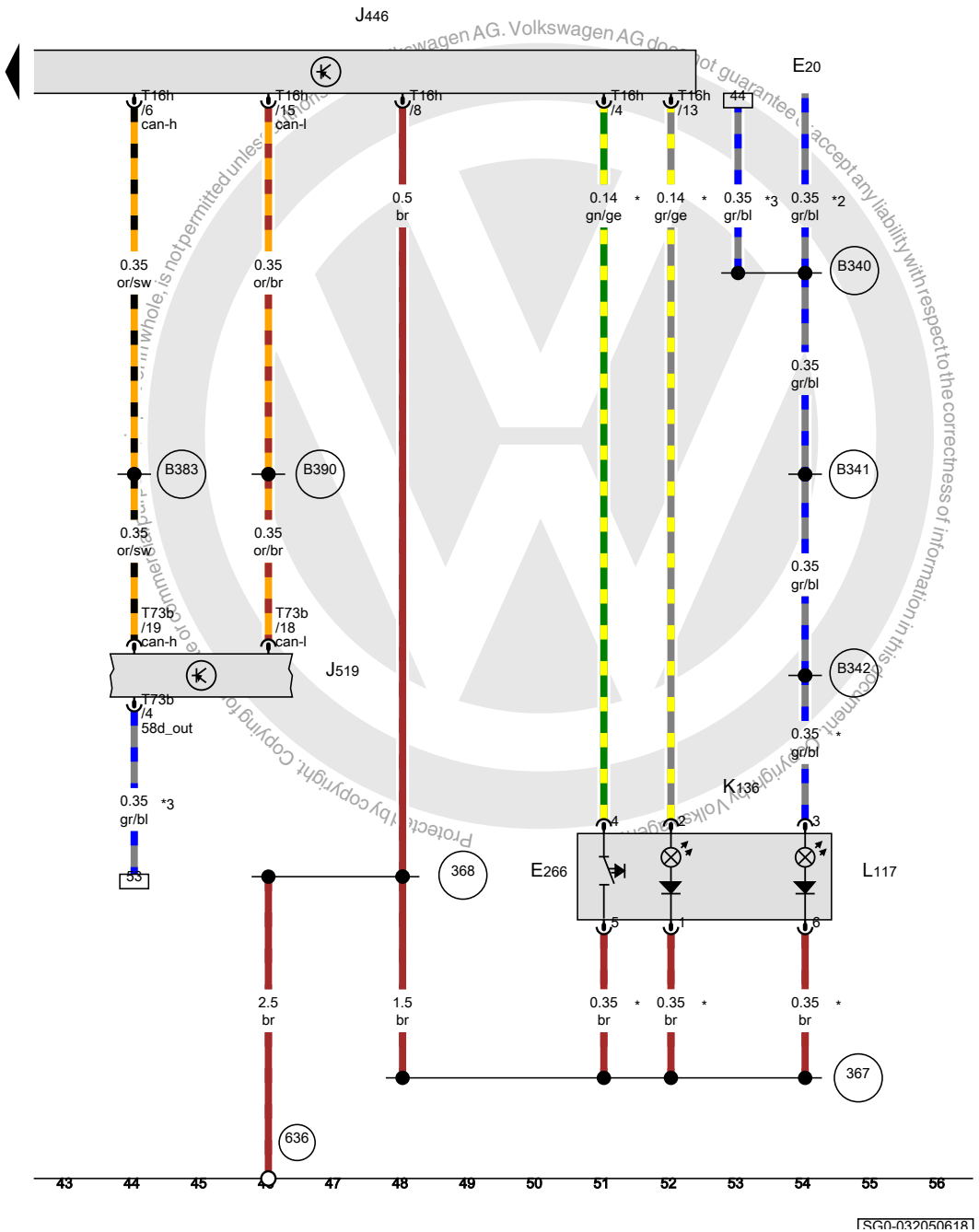

Parking aid button, Parking aid control unit, Onboard supply control unit, Parking aid warning lamp, Parking aid switch illumination bulb

E20	Switch and instrument illumination regulator
E266	Parking aid button
J446	Parking aid control unit
J519	Onboard supply control unit
K136	Parking aid warning lamp
L117	Parking aid switch illumination bulb
T16h	16-pin connector, brown
T73b	73-pin connector, white
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
636	Earth point, onboard supply control unit
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B342	Connection 3 (58d), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	For models with front/rear parking aid
*2	For models with dimmable instrument illumination
*3	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Window wash/wipe system, heated washer jets, headlight washer system

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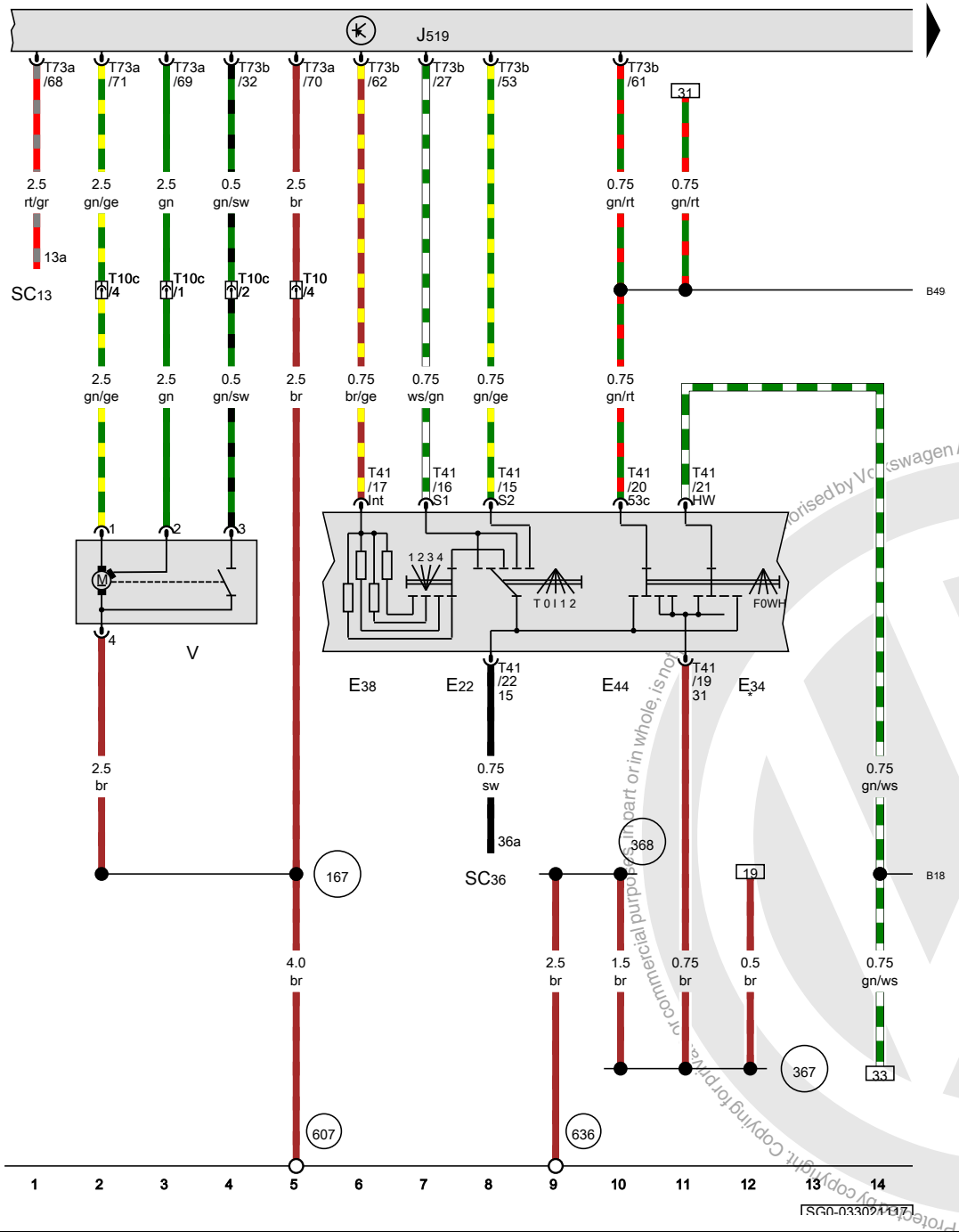

Washer pump switch (automatic wash/wipe and headlight washer system), Onboard supply control unit, Fuse 13 on fuse holder C, Fuse 36 on fuse holder C, Windscreen wiper motor

E22	Intermittent wiper switch
E34	Rear wiper switch
E38	Intermittent wiper regulator
E44	Washer pump switch (automatic wash/wipe and headlight washer system)
J519	Onboard supply control unit
SC13	Fuse 13 on fuse holder C
SC36	Fuse 36 on fuse holder C
T10	10-pin connector, black, in E-box in engine compartment
T10c	10-pin connector, yellow, in E-box in engine compartment
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
V	Windscreen wiper motor
167	Earth connection 4, in engine compartment wiring harness
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
607	Earth point, on left in plenum chamber
636	Earth point, onboard supply control unit
B183	Connection 1 (washer pump), in interior wiring harness
B498	Connection 1 (53c), in interior wiring harness
*	For models with rear window wiper

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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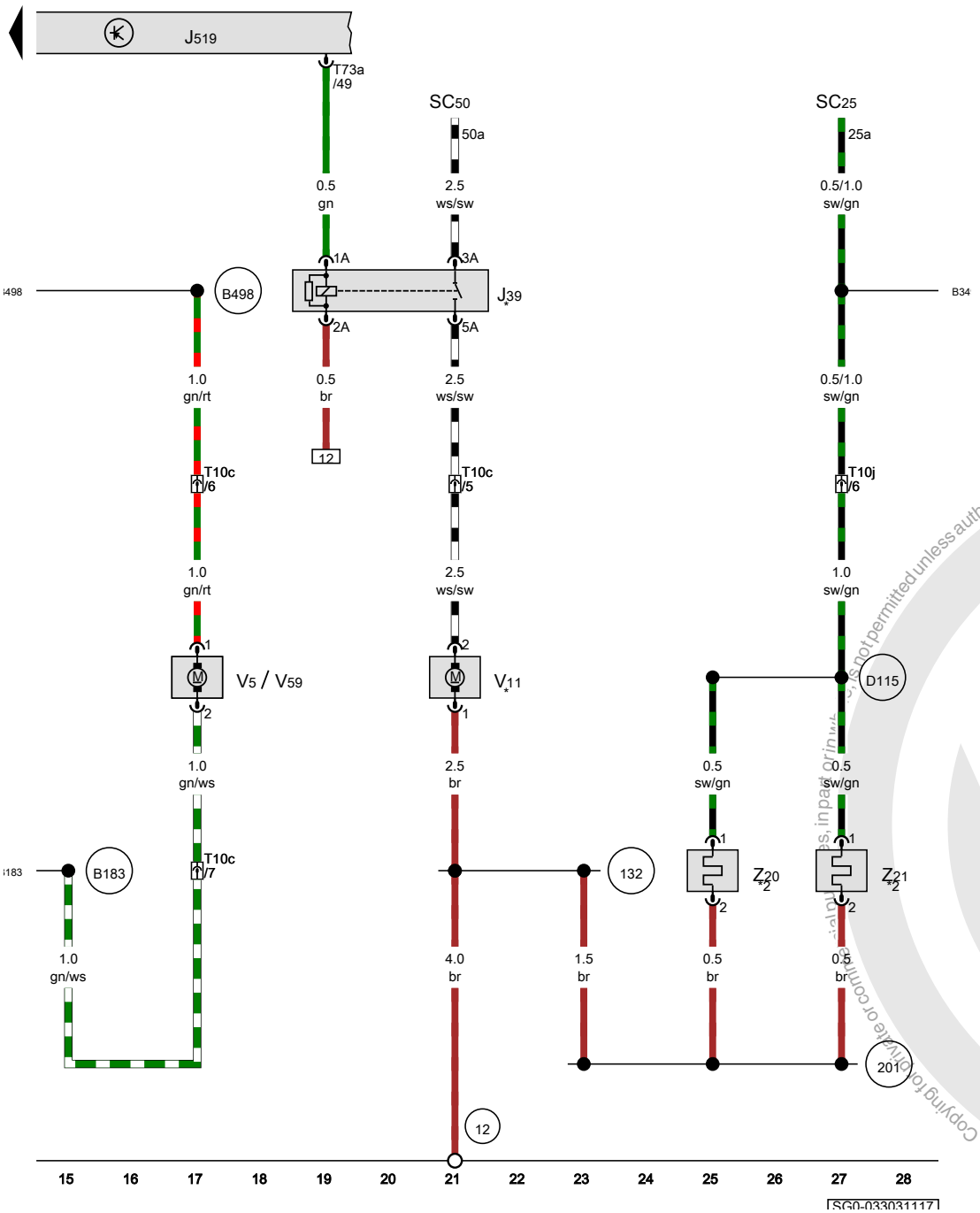

Headlight washer system relay, Onboard supply control unit, Fuse 25 on fuse holder C, Fuse 50 on fuse holder C, Headlight washer system pump, Windscreen and rear window washer pump, Left washer jet heater element

J39	Headlight washer system relay
J519	Onboard supply control unit
SC25	Fuse 25 on fuse holder C
SC50	Fuse 50 on fuse holder C
T10c	10-pin connector, yellow, in E-box in engine compartment
T10j	10-pin connector, dark brown, in E-box in engine compartment
T73a	73-pin connector, black
V5	Washer pump
V11	Headlight washer system pump
V59	Windscreen and rear window washer pump
Z20	Left washer jet heater element
Z21	Right washer jet heater element
12	Earth point, on left in engine compartment
132	Earth connection 3, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
B183	Connection 1 (washer pump), in interior wiring harness
B349	Connection 2 (75a), in main wiring harness
B498	Connection 1 (53c), in interior wiring harness
D115	Connection 13 in engine compartment wiring harness
*	For models with headlight washer system
*2	For models with heater element for washer jets

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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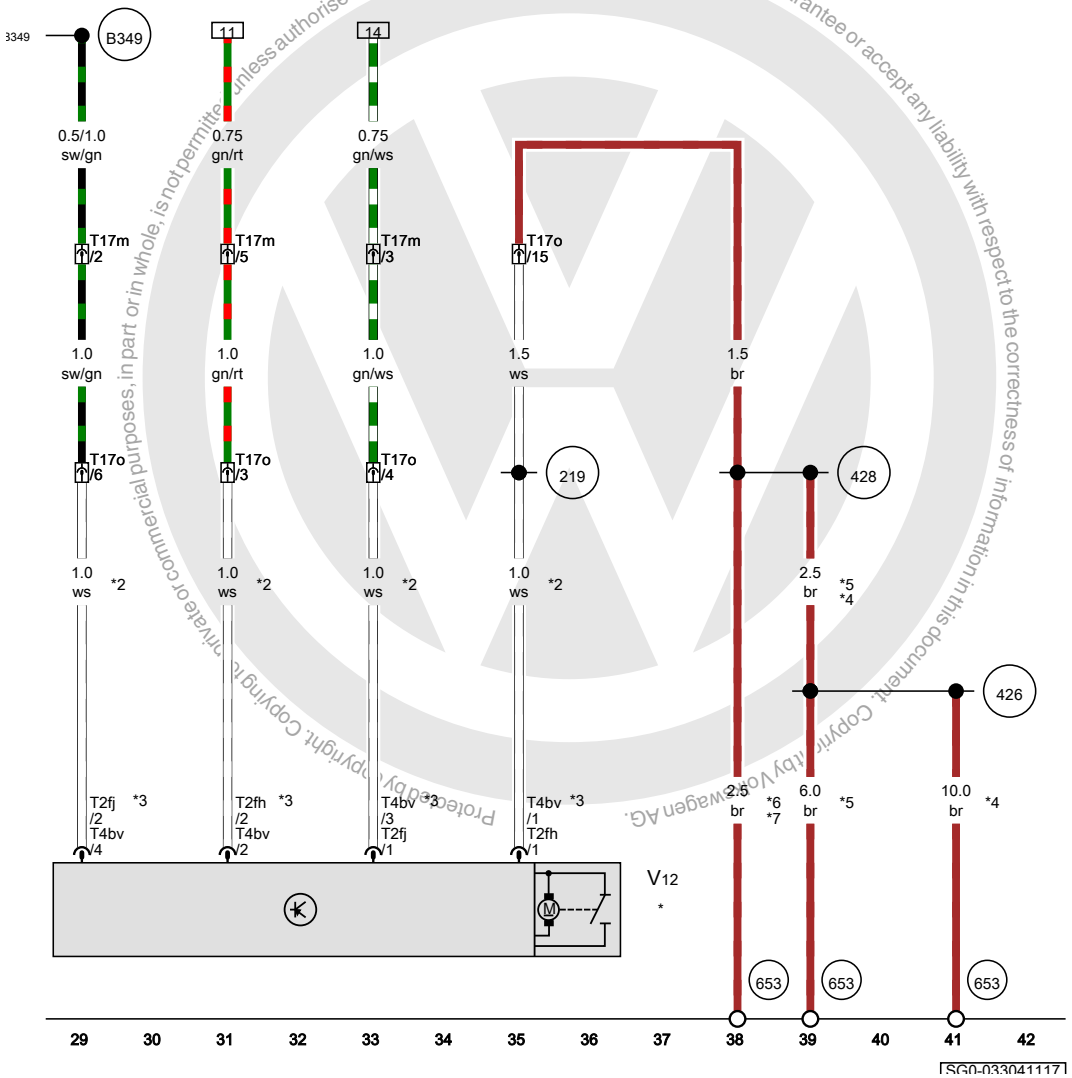

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Rear window wiper motor

T2fh	2-pin connector, red
T2fj	2-pin connector, blue
T4bv	4-pin connector, black
T17m	17-pin connector, red, in left A-pillar coupling station
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
V12	Rear window wiper motor
219	Earth connection 2, in rear lid wiring harness
426	Earth connection 3, in left rear end wiring harness
428	Earth connection 4, in left rear end wiring harness
653	Earth point, on left D-pillar
B349	Connection 2 (75a), in main wiring harness
*	For models with rear lid; for models with wing doors see current flow diagram for wing doors
*2	For models with rear window wiper
*3	Connector colour depends on market
*4	For models with trailer socket and heated rear window
*5	For models with trailer socket or heated rear window
*6	For models with no towing bracket
*7	For models with no heated rear window

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Heated rear window

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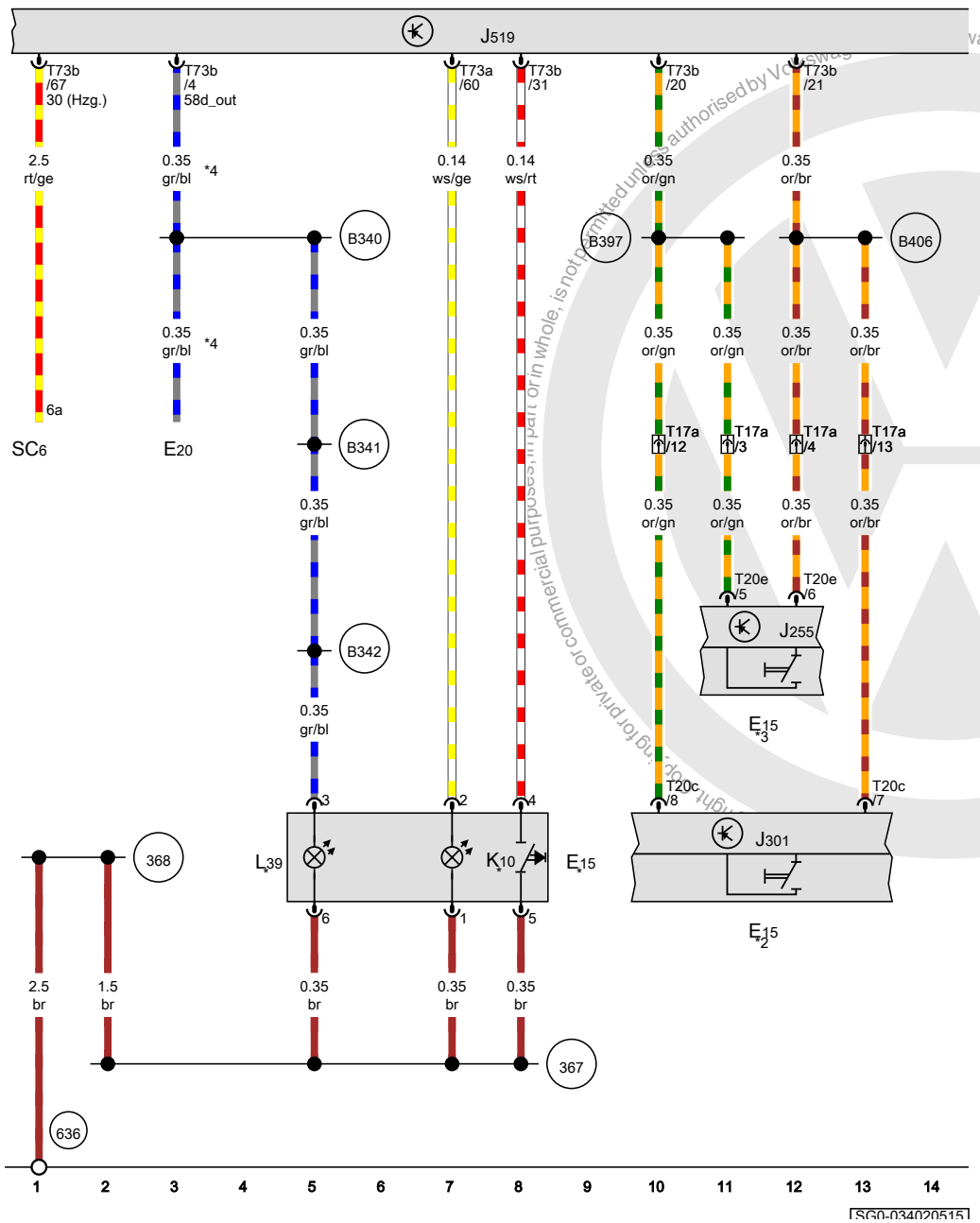

Heated rear window switch, Climatronic control unit, Air conditioning system control unit, Onboard supply control unit, Fuse 6 on fuse holder C

E15	Heated rear window switch
E20	Switch and instrument illumination regulator
J255	Climatronic control unit
J301	Air conditioning system control unit
J519	Onboard supply control unit
K10	Heated rear window warning lamp
L39	Heated rear window switch illumination bulb
SC6	Fuse 6 on fuse holder C
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
T20e	20-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
636	Earth point, onboard supply control unit
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B342	Connection 3 (58d), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Only models with no air conditioning system/Climatronic
*2	Only models with Climatic
*3	Only models with Climatronic
*4	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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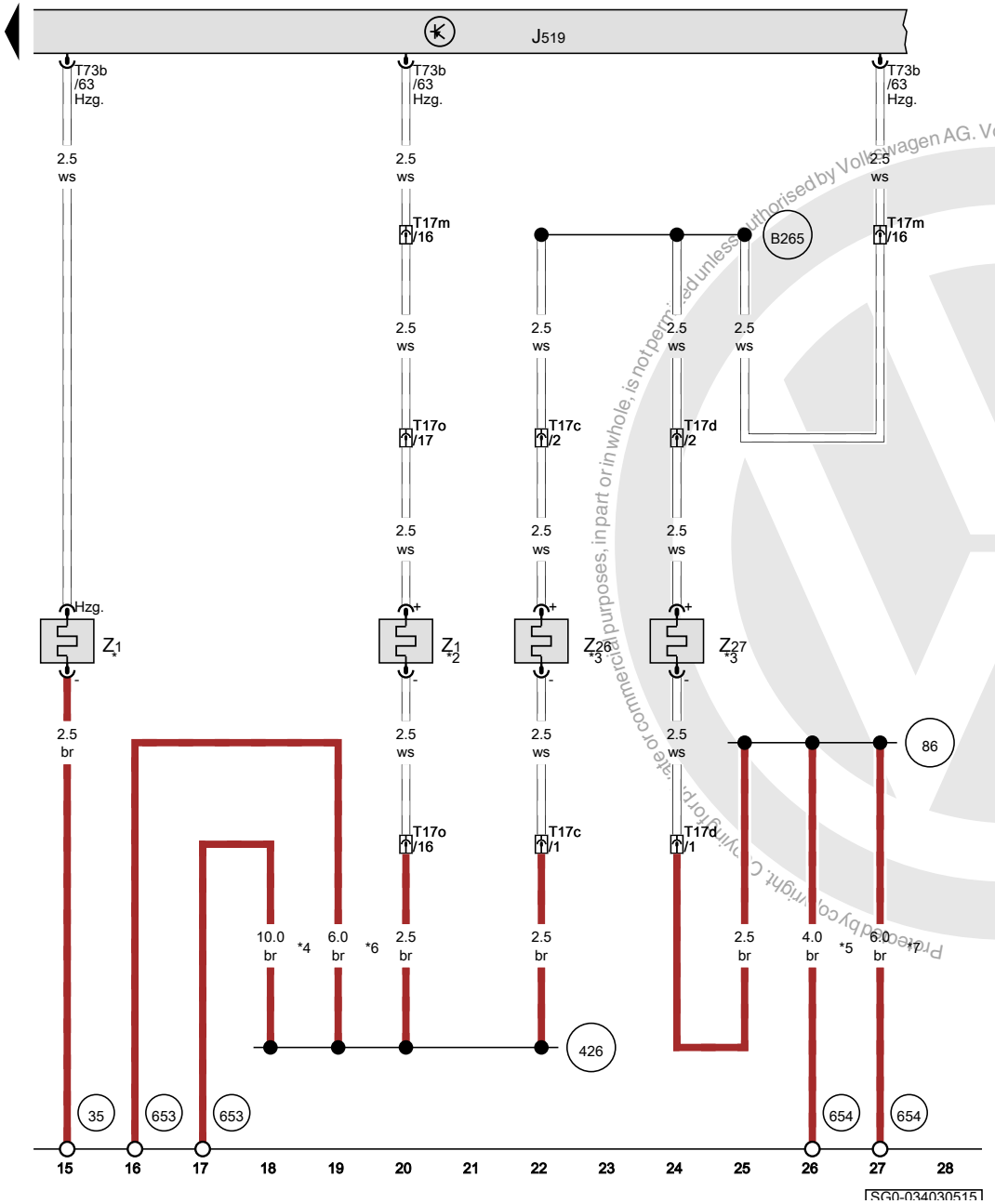

Onboard supply control unit, Heated rear window, Heated rear window in left wing door, Heated rear window in right wing door

J519	Onboard supply control unit
T17c	17-pin connector, black, behind lower section of left D-pillar trim
T17d	17-pin connector, black, behind lower section of right D-pillar trim
T17m	17-pin connector, red, in left A-pillar coupling station
T17o	17-pin connector, black, behind lower section of left D-pillar trim
T73b	73-pin connector, white
Z1	Heated rear window
Z26	Heated rear window in left wing door
Z27	Heated rear window in right wing door
35	Earth point, under front passenger seat
86	Earth connection 1, in rear wiring harness
426	Earth connection 3, in left rear end wiring harness
653	Earth point, on left D-pillar
654	Earth point, on right D-pillar
B265	Connection 2, in roof wiring harness
*	Only models with double cab/ dropside
*2	Only models with rear lid
*3	Only models with wing doors
*4	Only models with trailer socket
*5	Only models with no electric sliding doors/ power latching system
*6	Only models with no towing bracket
*7	Only models with electric sliding door/ power latching system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Adjustable lumbar support

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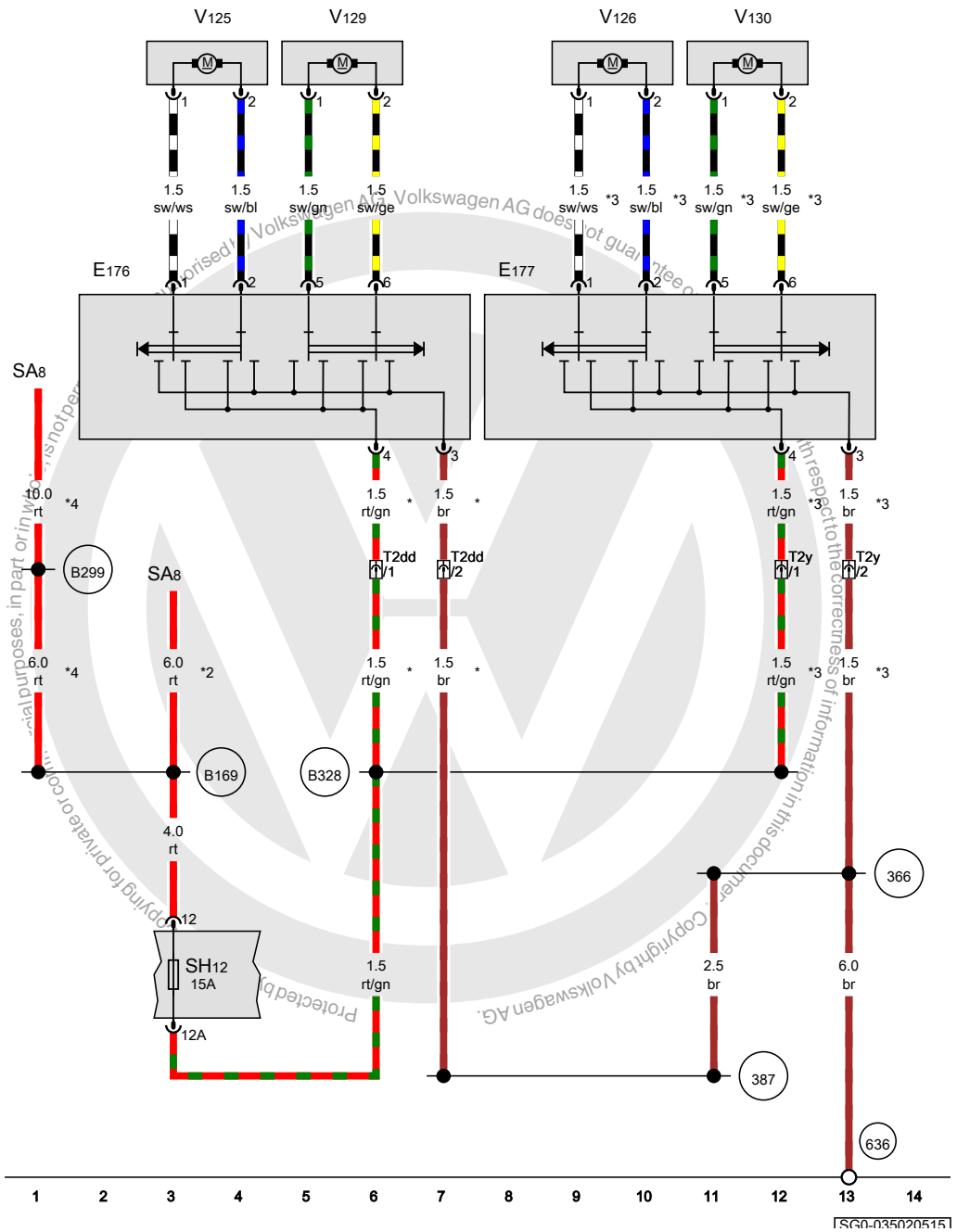

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Driver seat lumbar support adjustment switch, Front passenger seat lumbar support adjustment switch, Fuse 12 in fuse holder H, Driver seat lumbar support longitudinal adjustment motor, Front passenger seat lumbar support longitudinal adjustment motor

E176	Driver seat lumbar support adjustment switch
E177	Front passenger seat lumbar support adjustment switch
SA8	Fuse 8 in fuse holder A
SH12	Fuse 12 in fuse holder H
T2dd	2-pin connector, black, under driver seat
T2y	2-pin connector, black, under front passenger seat
V125	Driver seat lumbar support longitudinal adjustment motor
V126	Front passenger seat lumbar support longitudinal adjustment motor
V129	Driver seat lumbar support height adjustment motor
V130	Front passenger seat lumbar support height adjustment motor
366	Earth connection 1, in main wiring harness
387	Earth connection 22, in main wiring harness
636	Earth point, onboard supply control unit
B169	Positive connection 1 (30), in interior wiring harness
B299	Positive connection 3 (30), in main wiring harness
B328	Positive connection 14 (30a) in main wiring harness
*	Only models with no electrically adjustable seat on driver side
*2	Only models with no second battery
*3	According to equipment
*4	Only models with second battery

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Adjustable seat , (L0L)

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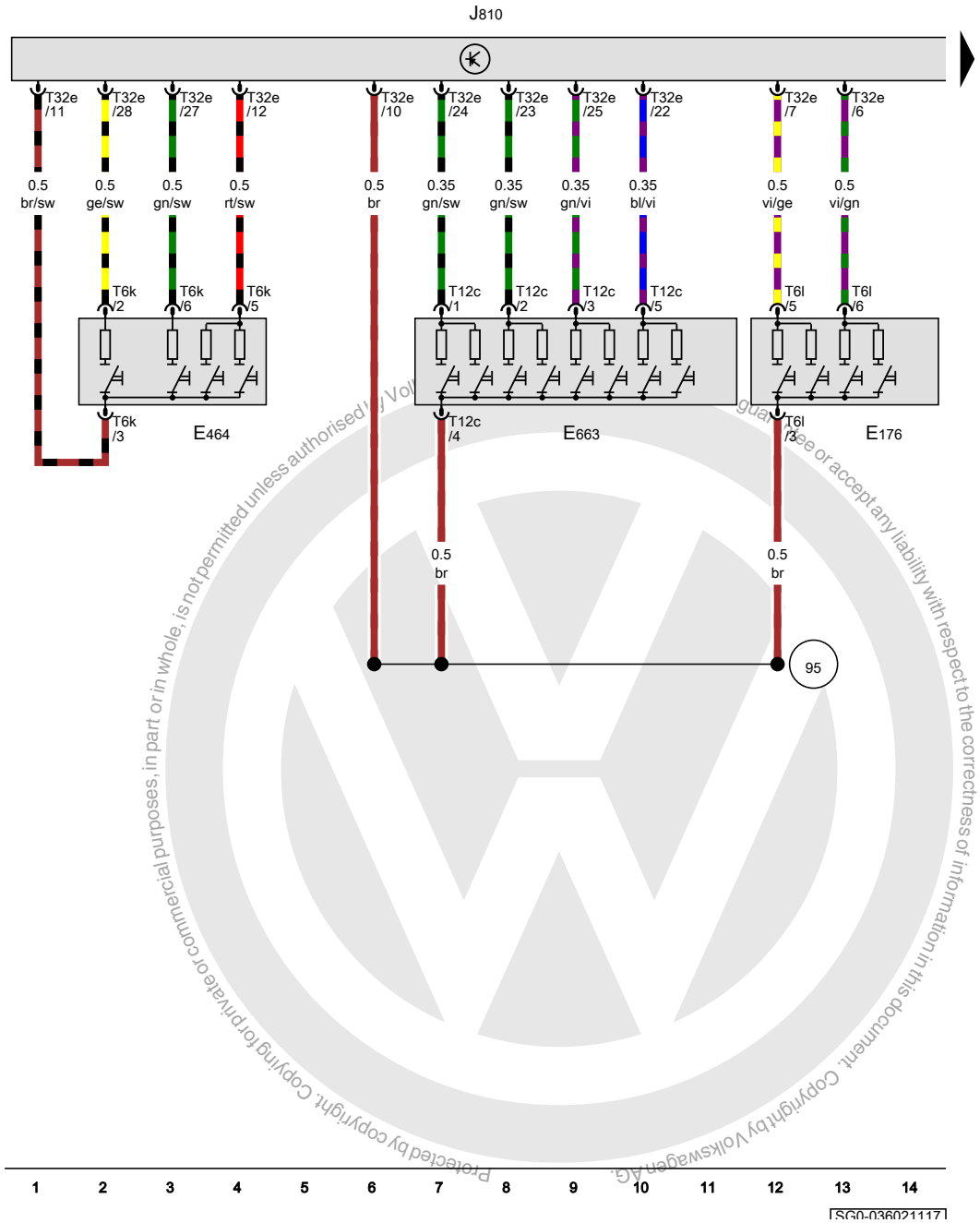

Driver seat lumbar support adjustment switch, Driver operating unit for memory settings, Switch module for driver seat, Driver seat adjustment control unit

E176	Driver seat lumbar support adjustment switch
E464	Driver operating unit for memory settings
E663	Switch module for driver seat
J810	Driver seat adjustment control unit
T6k	6-pin connector, black
T6l	6-pin connector, black
T12c	12-pin connector, black
T32e	32-pin connector, grey
95	Earth connection 1, in seat adjustment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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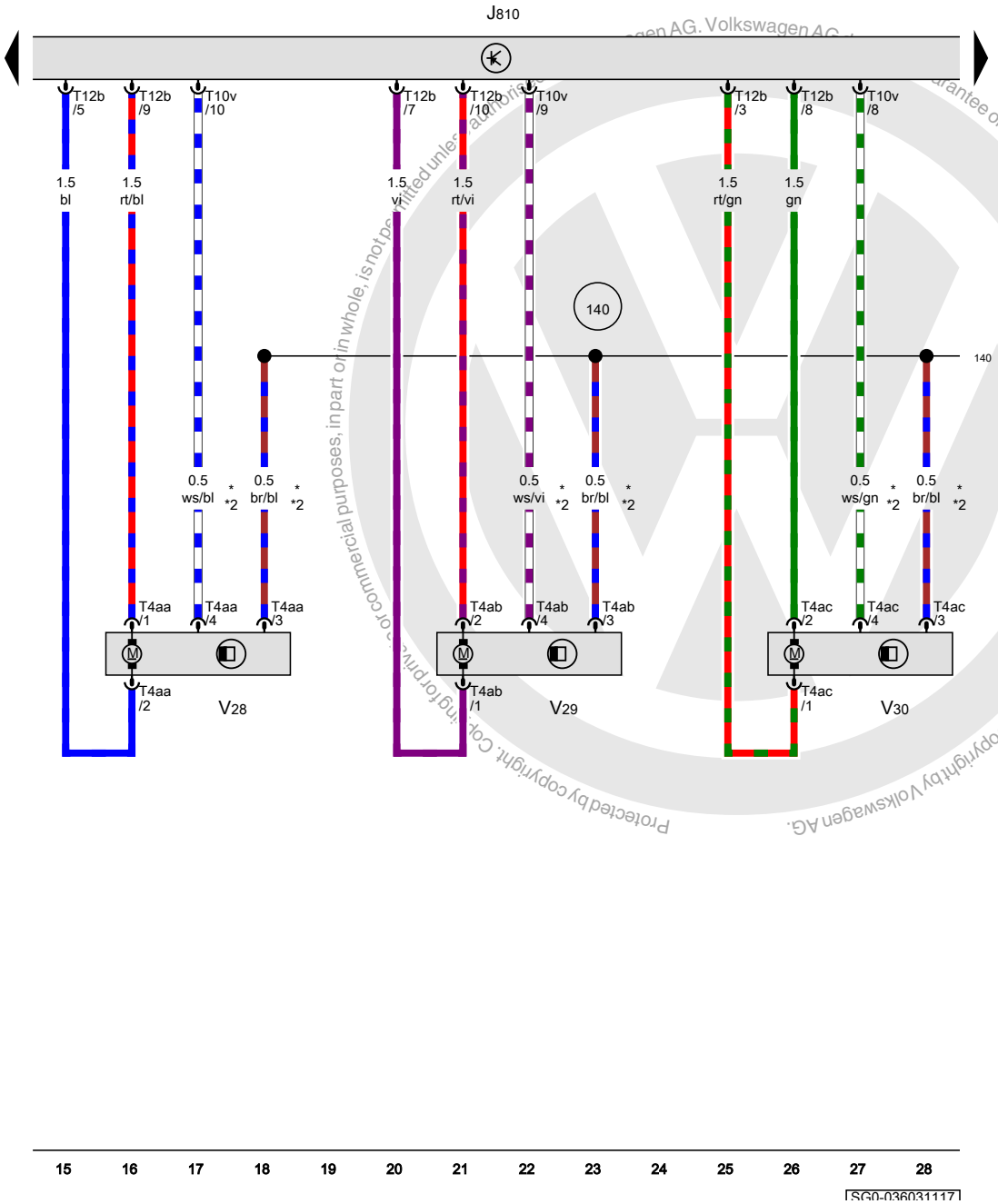

Driver seat adjustment control unit, Driver seat longitudinal adjustment motor, Driver seat front height adjustment motor, Driver seat rear height adjustment motor

J810	Driver seat adjustment control unit
T4aa	4-pin connector, black
T4ab	4-pin connector, black
T4ac	4-pin connector, black
T10v	10-pin connector, black
T12b	12-pin connector, black
V28	Driver seat longitudinal adjustment motor
V29	Driver seat front height adjustment motor
V30	Driver seat rear height adjustment motor
140	Earth connection 2, in seat adjustment wiring harness
*	Wire with no function
*2	Gradually discontinued

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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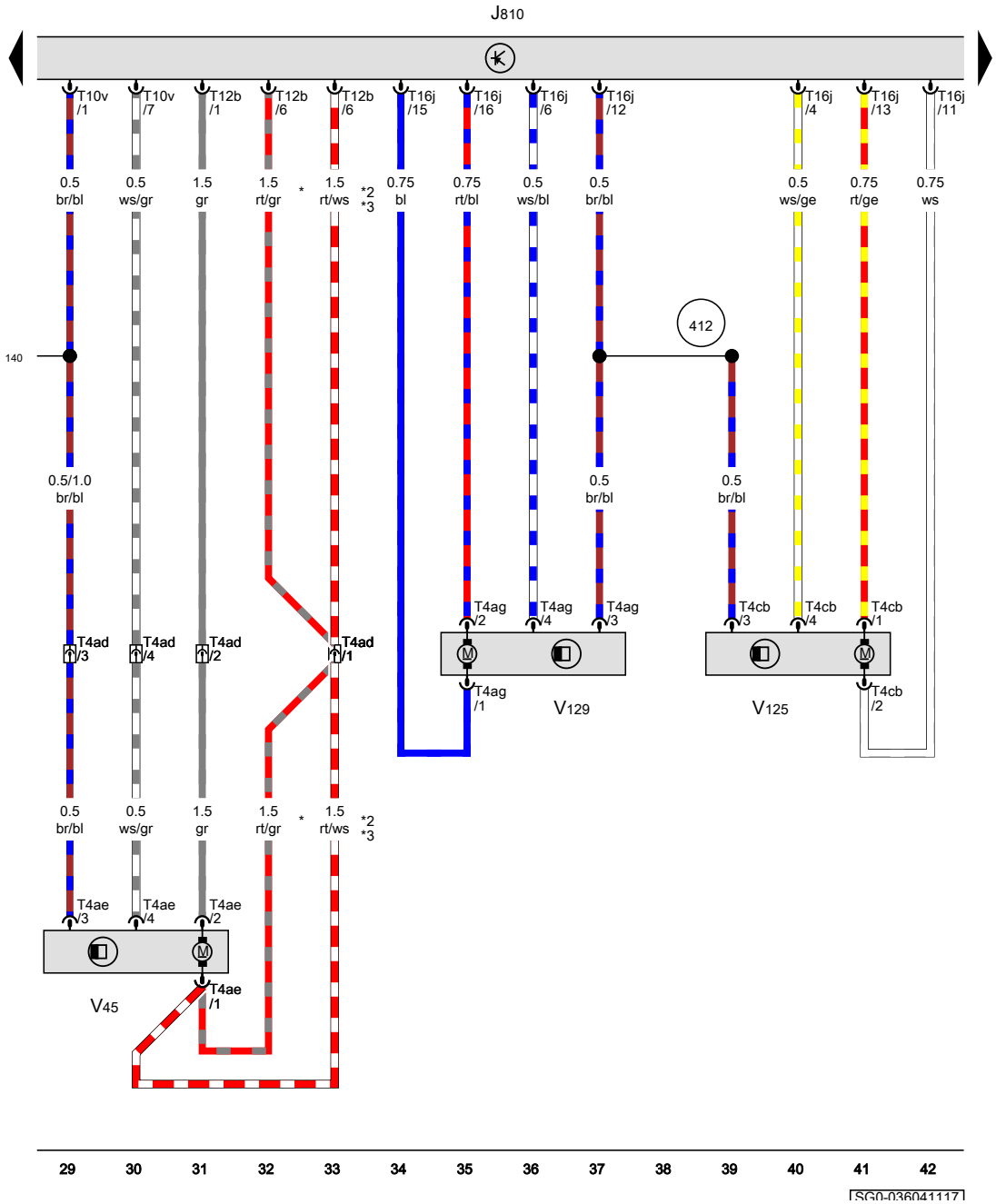

Driver seat adjustment control unit, Driver seat backrest adjustment motor, Driver seat lumbar support longitudinal adjustment motor, Driver seat lumbar support height adjustment motor

J810	Driver seat adjustment control unit
T4ad	4-pin connector, black, in seat
T4ae	4-pin connector, black
T4ag	4-pin connector, black
T4cb	4-pin connector, black
T10v	10-pin connector, black
T12b	12-pin connector, black
T16j	16-pin connector, black
V45	Driver seat backrest adjustment motor
V125	Driver seat lumbar support longitudinal adjustment motor
V129	Driver seat lumbar support height adjustment motor
140	Earth connection 2, in seat adjustment wiring harness
412	Earth connection 3, in seat adjustment wiring harness
*	Different wire colour possible
*2	From August 2016
*3	Up to October 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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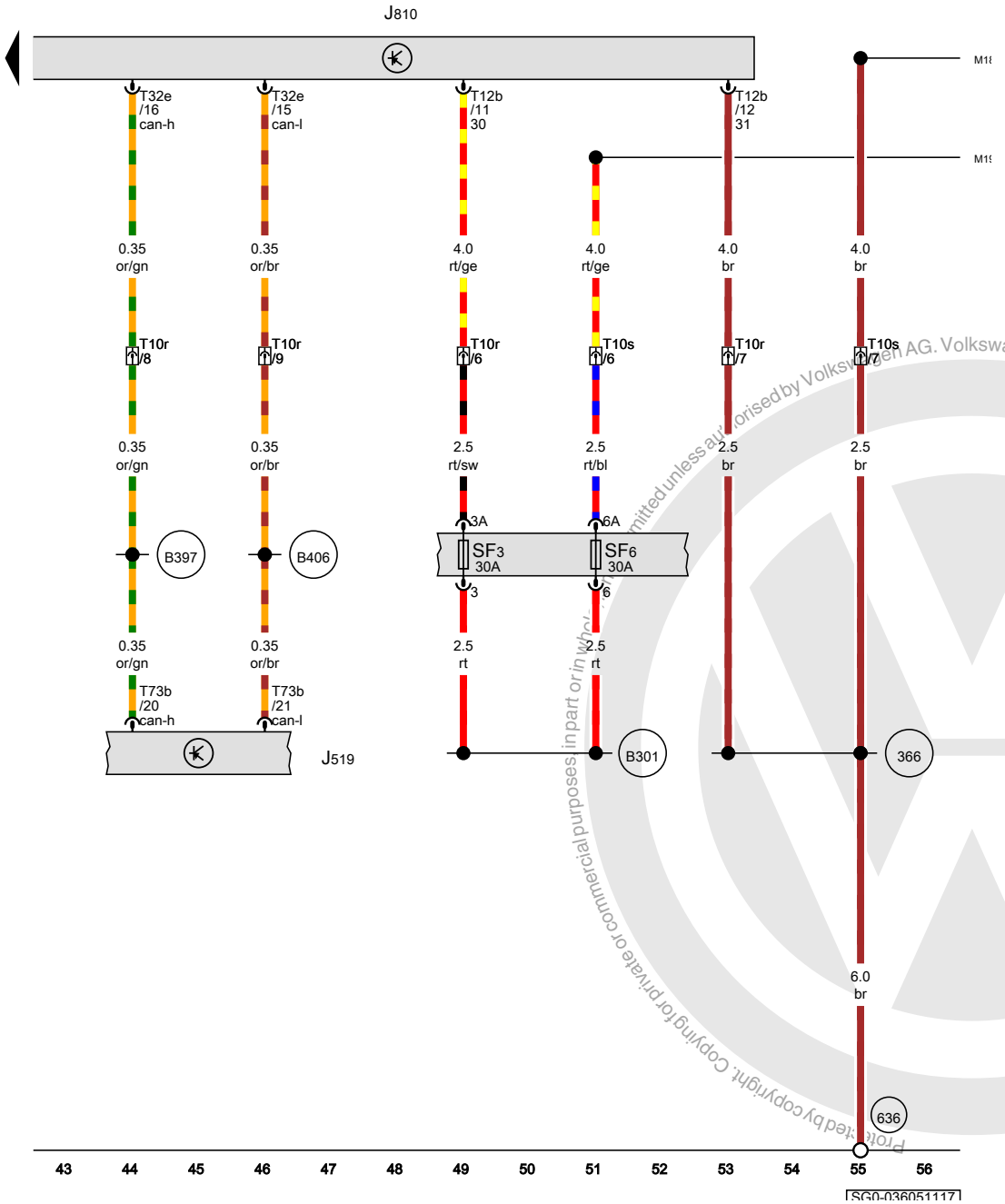
Onboard supply control unit, Driver seat adjustment control unit, Fuse 3 in fuse holder F, Fuse 6 in fuse holder F



J519 Onboard supply control unit
J810 Driver seat adjustment control unit
SF3 Fuse 3 in fuse holder F
SF6 Fuse 6 in fuse holder F
T10r 10-pin connector, black, under seat on front left
T10s 10-pin connector, black, under seat on front right
T12b 12-pin connector, black
T32e 32-pin connector, grey
T73b 73-pin connector, white

366 Earth connection 1, in main wiring harness

636 Earth point, onboard supply control unit

B301 Positive connection 5 (30), in main wiring harness

B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B406 Connection 1 (convenience CAN bus, low), in main wiring harness

M18 Connection 1, in front passenger seat adjustment wiring harness

M19 Connection 2, in front passenger seat adjustment wiring harness

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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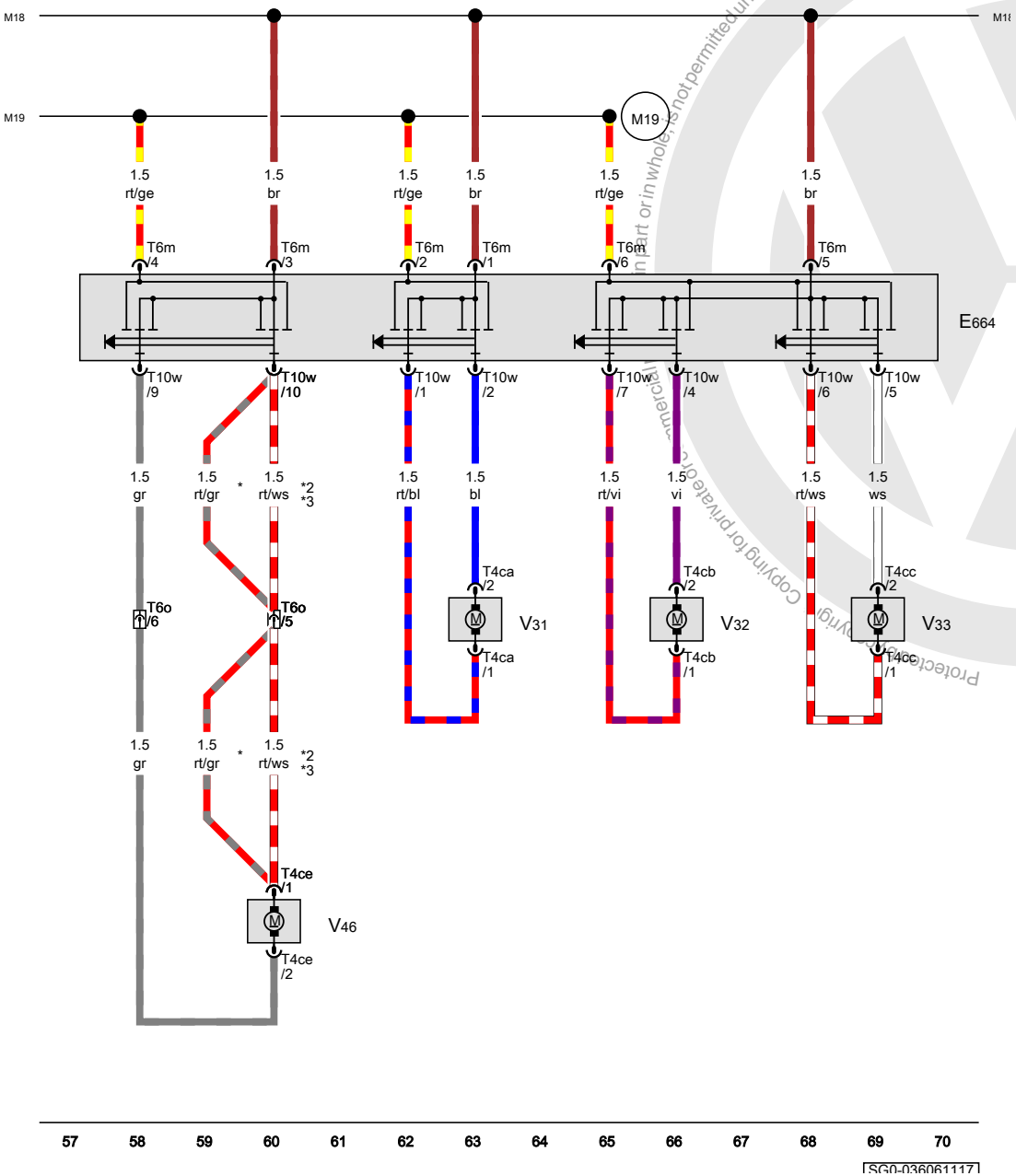
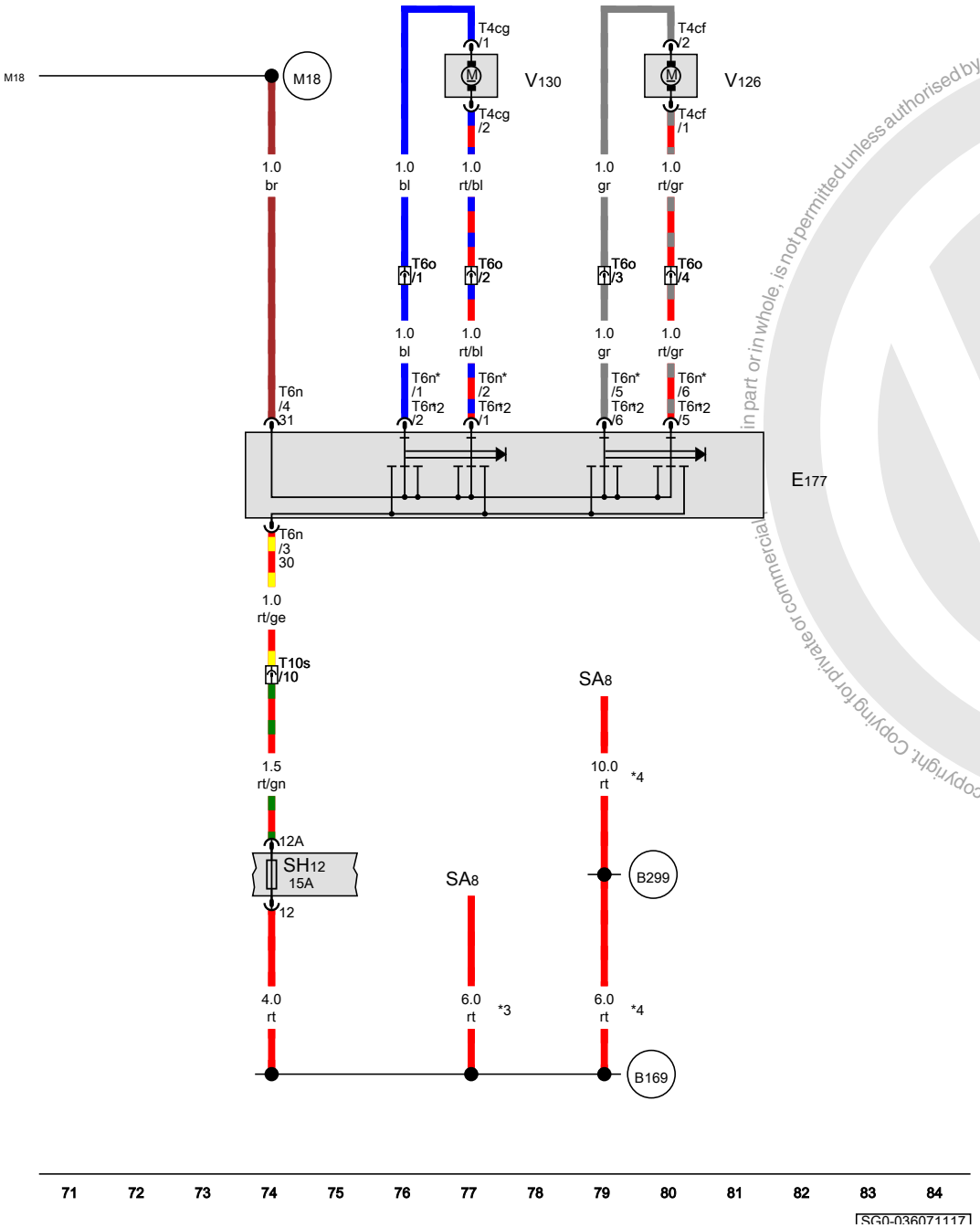


Front passenger seat backrest adjustment motor

E664	Switch module for front passenger seat
T4ca	4-pin connector, black
T4cb	4-pin connector, black
T4cc	4-pin connector, black
T4ce	4-pin connector, black
T6m	6-pin connector, black
T6o	6-pin connector, black, in front passenger seat
T10w	10-pin connector, black
V31	Front passenger seat longitudinal adjustment motor
V32	Front passenger seat front height adjustment motor
V33	Front passenger seat rear height adjustment motor
V46	Front passenger seat backrest adjustment motor
M18	Connection 1, in front passenger seat adjustment wiring harness
M19	Connection 2, in front passenger seat adjustment wiring harness
*	Different wire colour possible
*2	From August 2016
*3	Up to October 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Fuse 12 in fuse holder H, Front passenger seat lumbar support longitudinal adjustment motor, Front passenger seat lumbar support height adjustment motor

E177	Front passenger seat lumbar support adjustment switch
SA8	Fuse 8 on fuse holder A
SH12	Fuse 12 in fuse holder H
T4cf	4-pin connector, black
T4cg	4-pin connector, black
T6n	6-pin connector, black
T6o	6-pin connector, black, in front passenger seat
T10s	10-pin connector, black, under seat on front right
V126	Front passenger seat lumbar support longitudinal adjustment motor
V130	Front passenger seat lumbar support height adjustment motor
B169	Positive connection 1 (30), in interior wiring harness
B299	Positive connection 3 (30), in main wiring harness
M18	Connection 1, in front passenger seat adjustment wiring harness
*	Up to February 2017
*2	From February 2017
*3	For models with no second battery
*4	For models with second battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Adjustable seat , (L0R)

From June 2015

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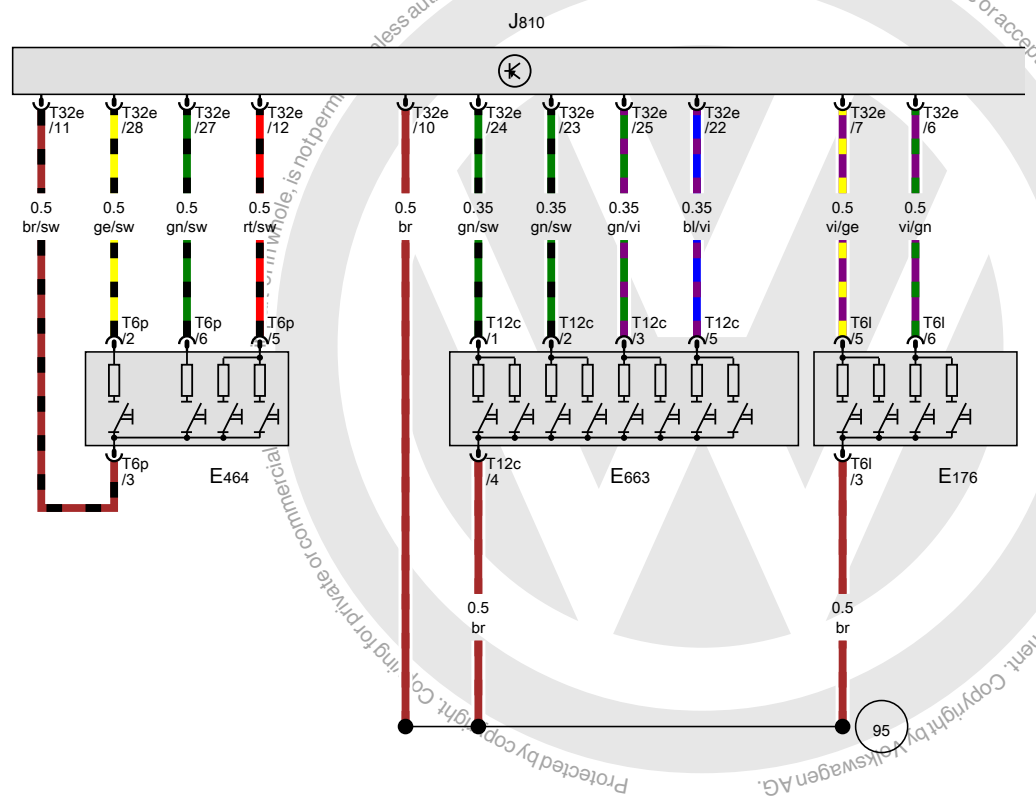

Driver seat lumbar support adjustment switch, Driver operating unit for memory settings, Switch module for driver seat, Driver seat adjustment control unit

E176	Driver seat lumbar support adjustment switch
E464	Driver operating unit for memory settings
E663	Switch module for driver seat
J810	Driver seat adjustment control unit
T6l	6-pin connector, black
T6p	6-pin connector, brown
T12c	12-pin connector, black
T32e	32-pin connector, grey
95	Earth connection 1, in seat adjustment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SG0-037021117

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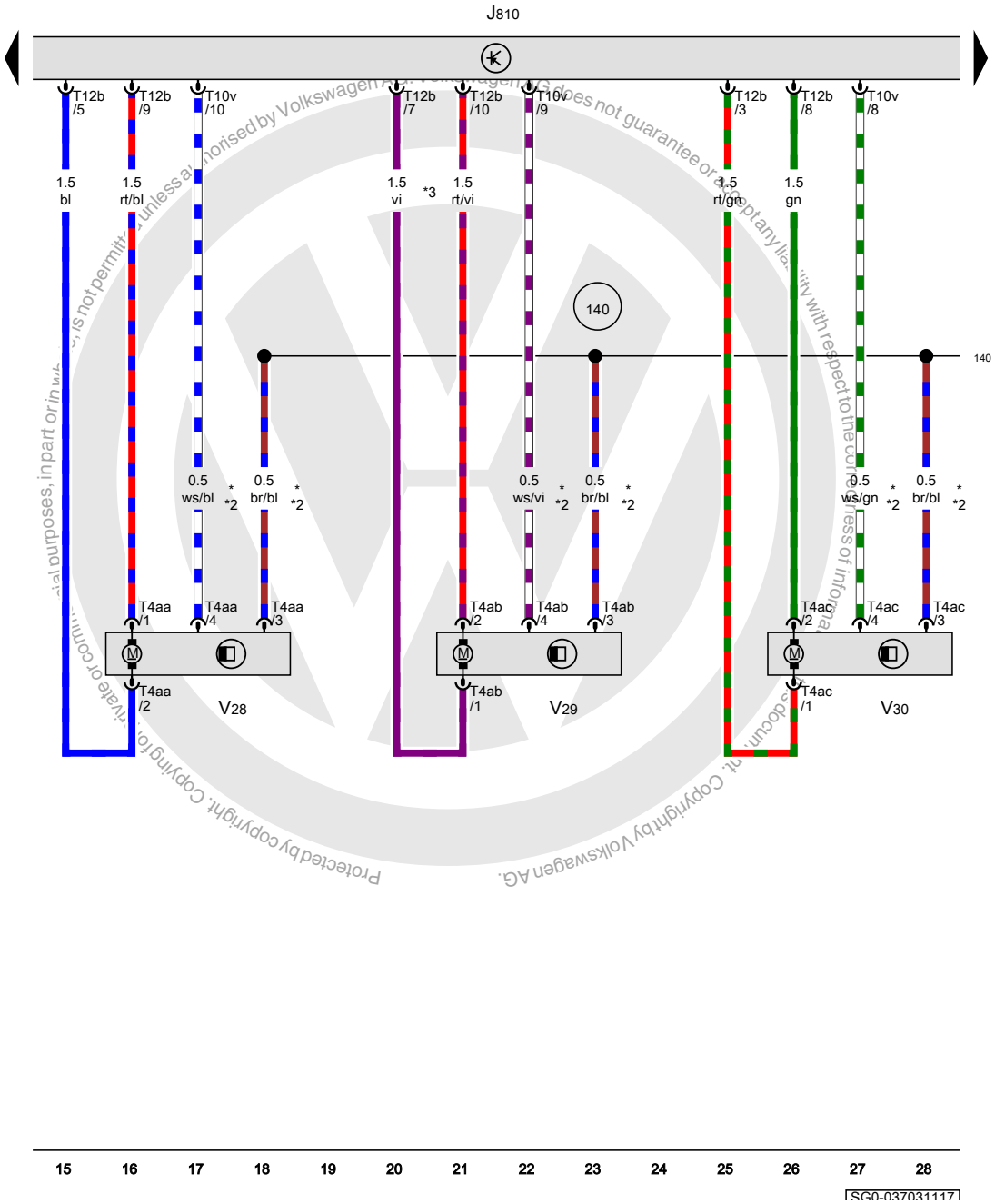

Driver seat adjustment control unit, Driver seat longitudinal adjustment motor, Driver seat front height adjustment motor, Driver seat rear height adjustment motor

J810	Driver seat adjustment control unit
T4aa	4-pin connector, black
T4ab	4-pin connector, black
T4ac	4-pin connector, black
T10v	10-pin connector, black
T12b	12-pin connector, black
V28	Driver seat longitudinal adjustment motor
V29	Driver seat front height adjustment motor
V30	Driver seat rear height adjustment motor
140	Earth connection 2, in seat adjustment wiring harness
*	Wire with no function
*2	Gradually discontinued
*3	Different wire colour possible

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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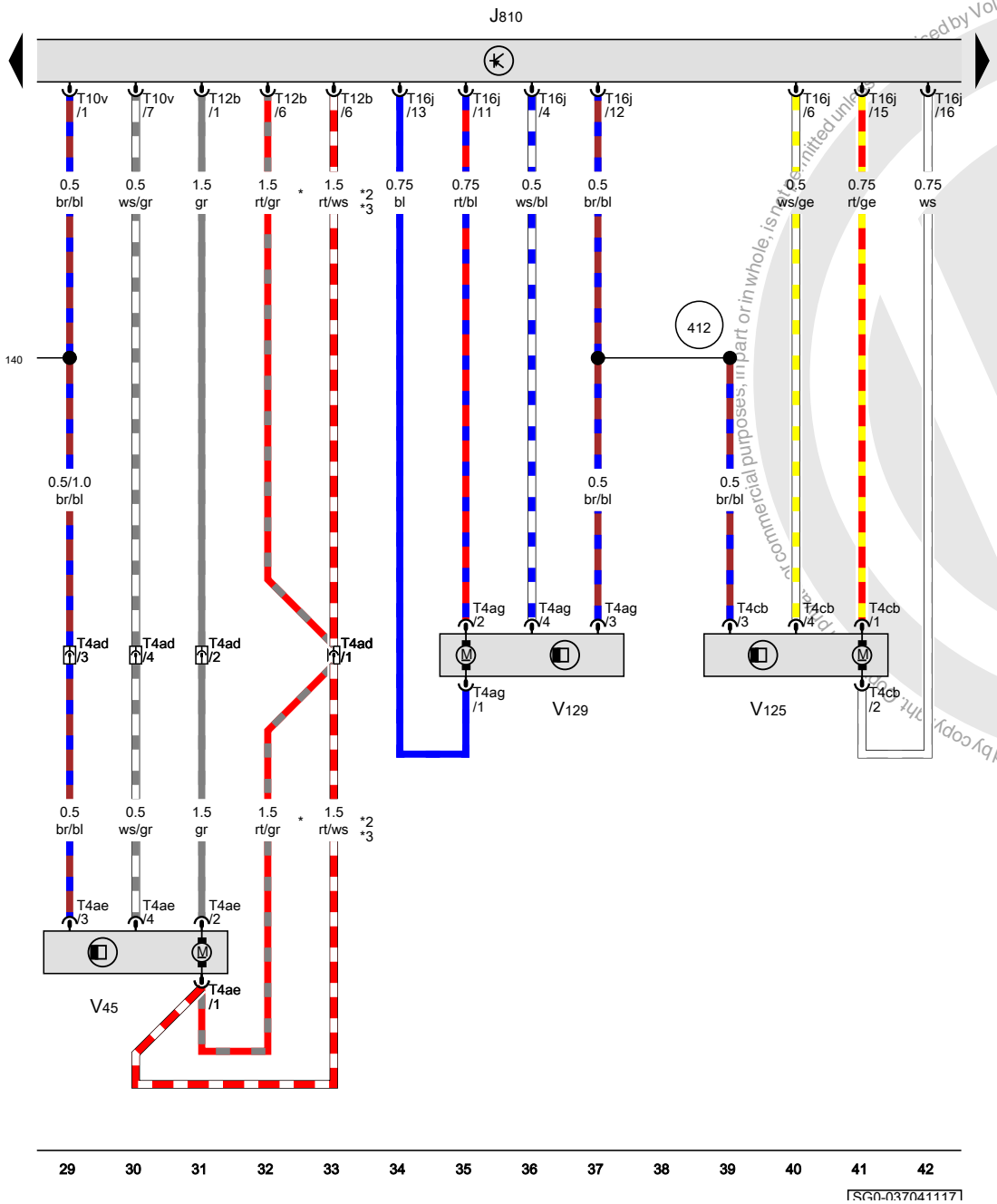

Driver seat adjustment control unit, Driver seat backrest adjustment motor, Driver seat lumbar support longitudinal adjustment motor, Driver seat lumbar support height adjustment motor

J810	Driver seat adjustment control unit
T4ad	4-pin connector, black, in seat
T4ae	4-pin connector, black
T4ag	4-pin connector, black
T4cb	4-pin connector, black
T10v	10-pin connector, black
T12b	12-pin connector, black
T16j	16-pin connector, black
V45	Driver seat backrest adjustment motor
V125	Driver seat lumbar support longitudinal adjustment motor
V129	Driver seat lumbar support height adjustment motor
140	Earth connection 2, in seat adjustment wiring harness
412	Earth connection 3, in seat adjustment wiring harness
*	Different wire colour possible
*2	From August 2016
*3	Up to October 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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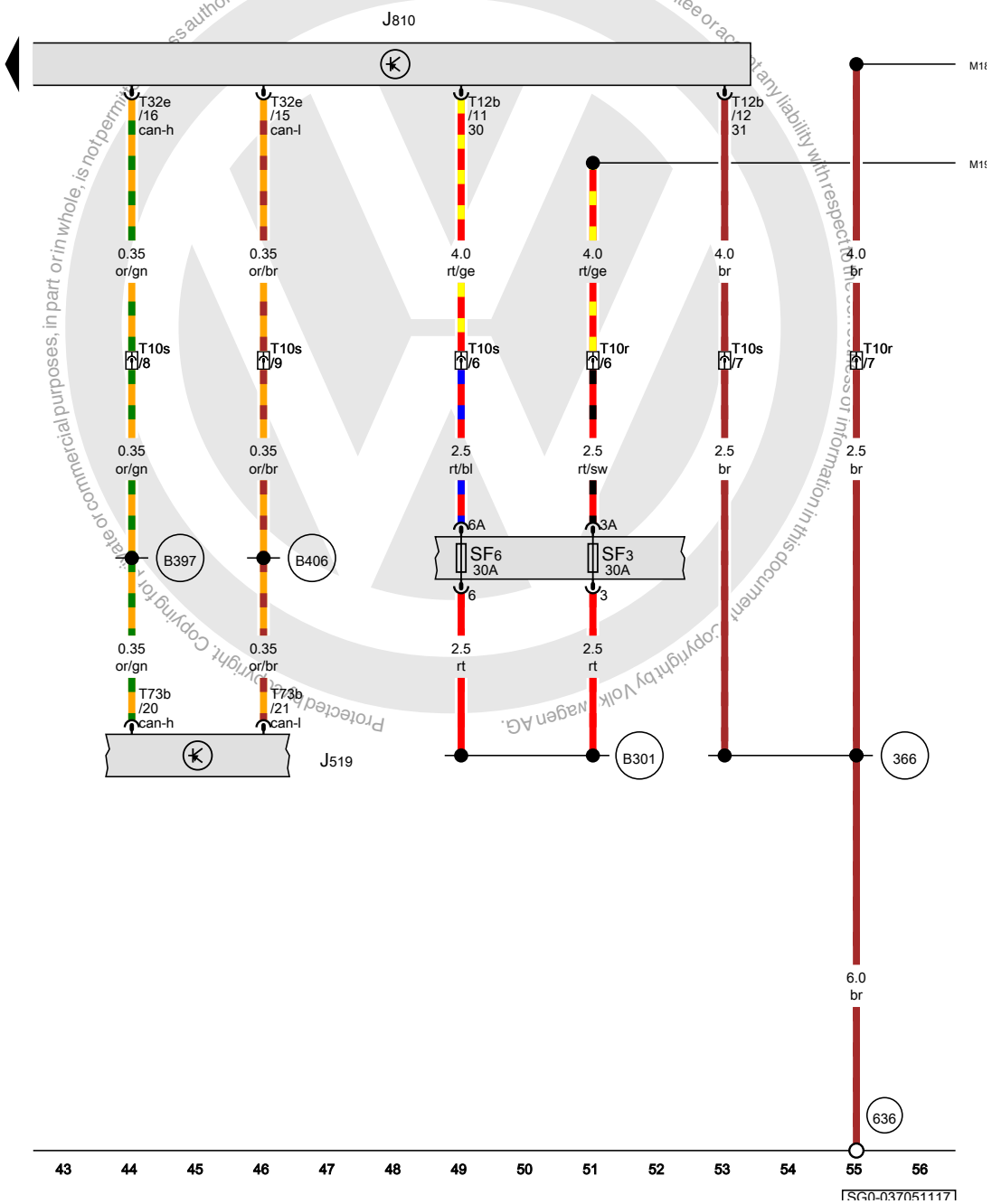


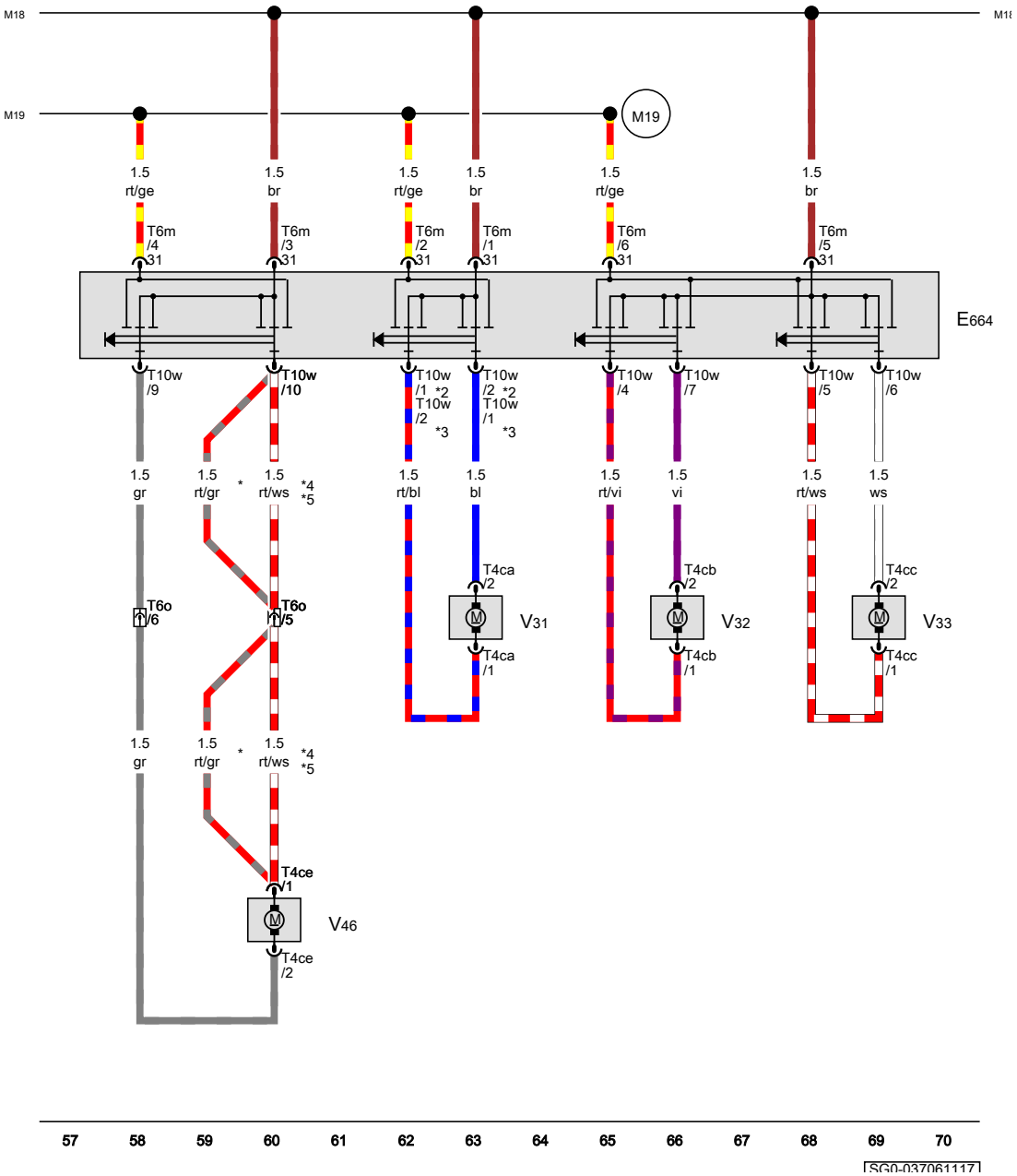
Onboard supply control unit, Driver seat adjustment control unit, Fuse 3 in fuse holder F, Fuse 6 in fuse holder F

J519	Onboard supply control unit
J810	Driver seat adjustment control unit
SF3	Fuse 3 in fuse holder F
SF6	Fuse 6 in fuse holder F
T10r	10-pin connector, black, under seat on front left
T10s	10-pin connector, black, under seat on front right
T12b	12-pin connector, black
T32e	32-pin connector, grey
T73b	73-pin connector, white
366	Earth connection 1, in main wiring harness
636	Earth point, onboard supply control unit
B301	Positive connection 5 (30), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
M18	Connection 1, in front passenger seat adjustment wiring harness
M19	Connection 2, in front passenger seat adjustment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Front passenger seat backrest adjustment motor

E664	Switch module for front passenger seat
T4ca	4-pin connector, black
T4cb	4-pin connector, black
T4cc	4-pin connector, black
T4ce	4-pin connector, black
T6m	6-pin connector, black
T6o	6-pin connector, black, in front passenger seat
T10w	10-pin connector, black
V31	Front passenger seat longitudinal adjustment motor
V32	Front passenger seat front height adjustment motor
V33	Front passenger seat rear height adjustment motor
V46	Front passenger seat backrest adjustment motor
M18	Connection 1, in front passenger seat adjustment wiring harness
M19	Connection 2, in front passenger seat adjustment wiring harness
*	Different wire colour possible
*2	Up to March 2017
*3	From March 2017
*4	From August 2016
*5	Up to October 2016



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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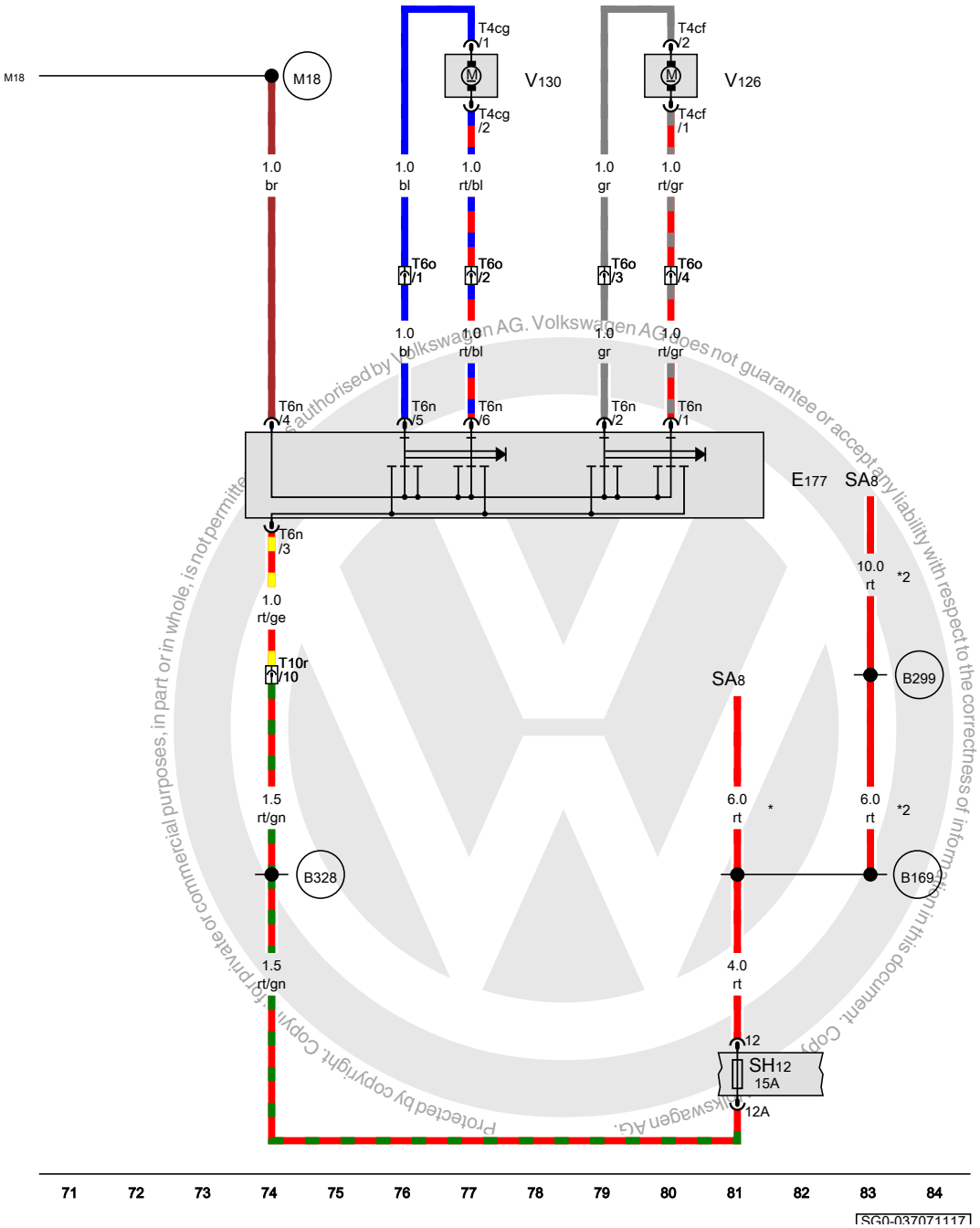

Fuse 12 in fuse holder H, Front passenger seat lumbar support longitudinal adjustment motor, Front passenger seat lumbar support height adjustment motor

E177	Front passenger seat lumbar support adjustment switch
SA8	Fuse 8 on fuse holder A
SH12	Fuse 12 in fuse holder H
T4cf	4-pin connector, black
T4cg	4-pin connector, black
T6n	6-pin connector, black
T6o	6-pin connector, black, in front passenger seat
T10r	10-pin connector, black, under seat on front left
V126	Front passenger seat lumbar support longitudinal adjustment motor
V130	Front passenger seat lumbar support height adjustment motor
B169	Positive connection 1 (30), in interior wiring harness
B299	Positive connection 3 (30), in main wiring harness
B328	Positive connection 14 (30a) in main wiring harness
M18	Connection 1, in front passenger seat adjustment wiring harness
*	For models with no second battery
*2	For models with second battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Seat heating for seats with leatherette/cloth covers , (L0L),(3L0),(3L1),(3L2),(3L3)

From June 2015

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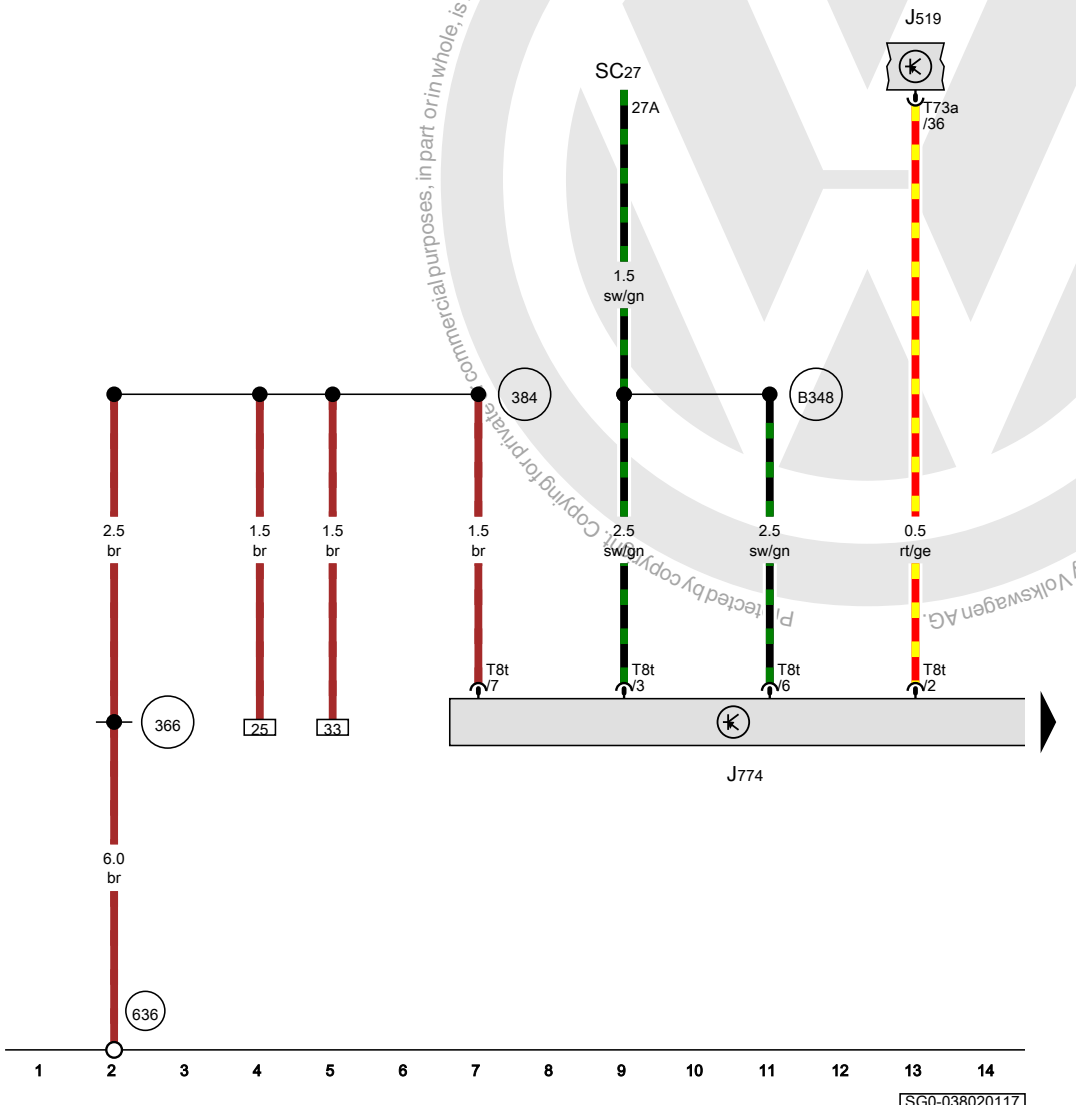
Onboard supply control unit, Heated front seats control unit, Fuse 27 on fuse holder C

J519	Onboard supply control unit
J774	Heated front seats control unit
SC27	Fuse 27 on fuse holder C
T8t	8-pin connector, black
T73a	73-pin connector, black
366	Earth connection 1, in main wiring harness
384	Earth connection 19, in main wiring harness
636	Earth point, onboard supply control unit
B348	Connection 1 (75a), in main wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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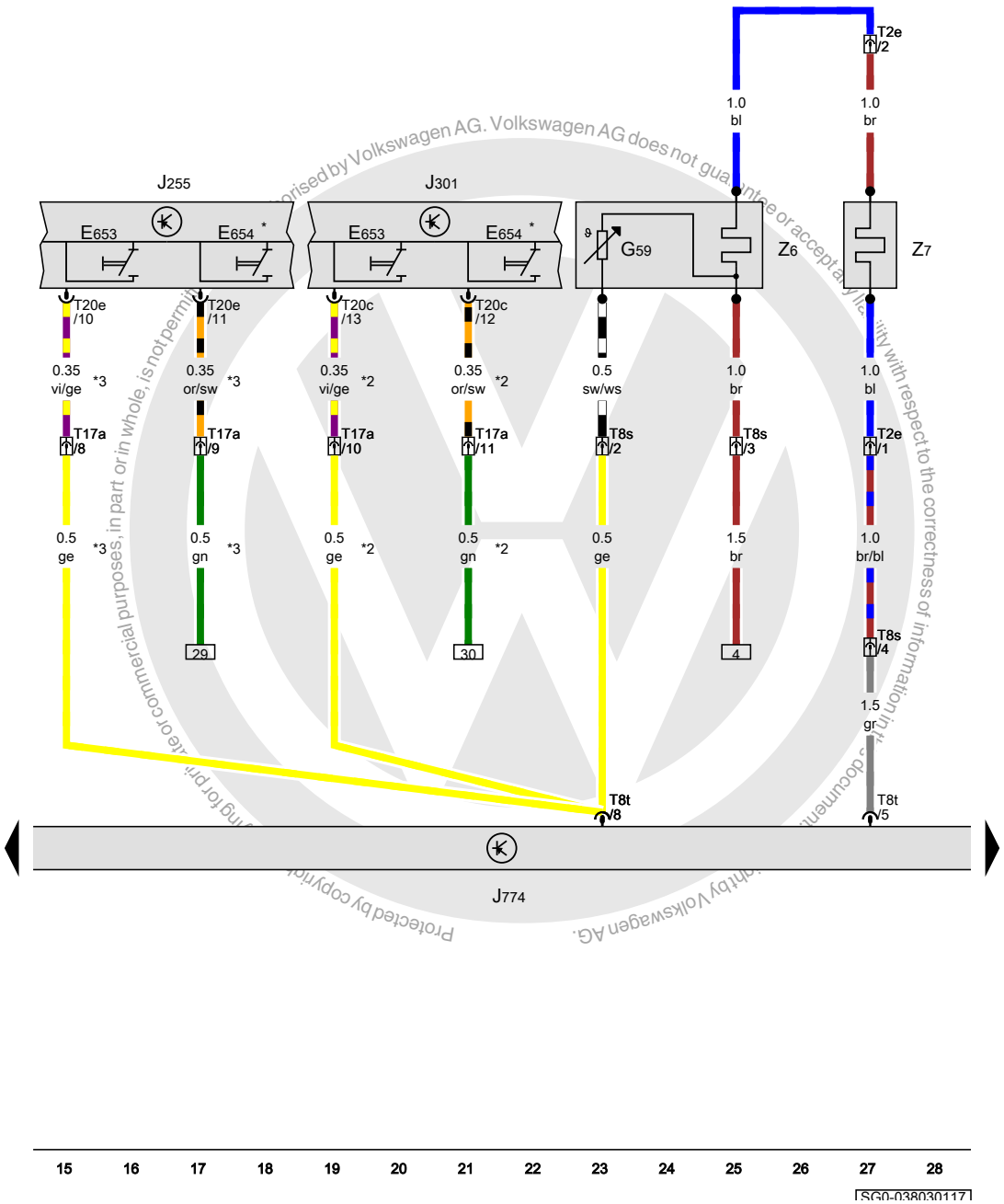

Button for left seat heating, Button for right seat heating, Climatronic control unit, Air conditioning system control unit, Heated front seats control unit, Heated seat cushion for driver seat, Heated backrest for driver seat

E653	Button for left seat heating
E654	Button for right seat heating
G59	Driver seat temperature sensor
J255	Climatronic control unit
J301	Air conditioning system control unit
J774	Heated front seats control unit
T2e	2-pin connector, black, in driver seat
T8s	8-pin connector, black, under seat on front left
T8t	8-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
T20e	20-pin connector, black
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
*	Only models with heated front passenger seat
*2	Only models with Climatic
*3	Only models with Climatronic

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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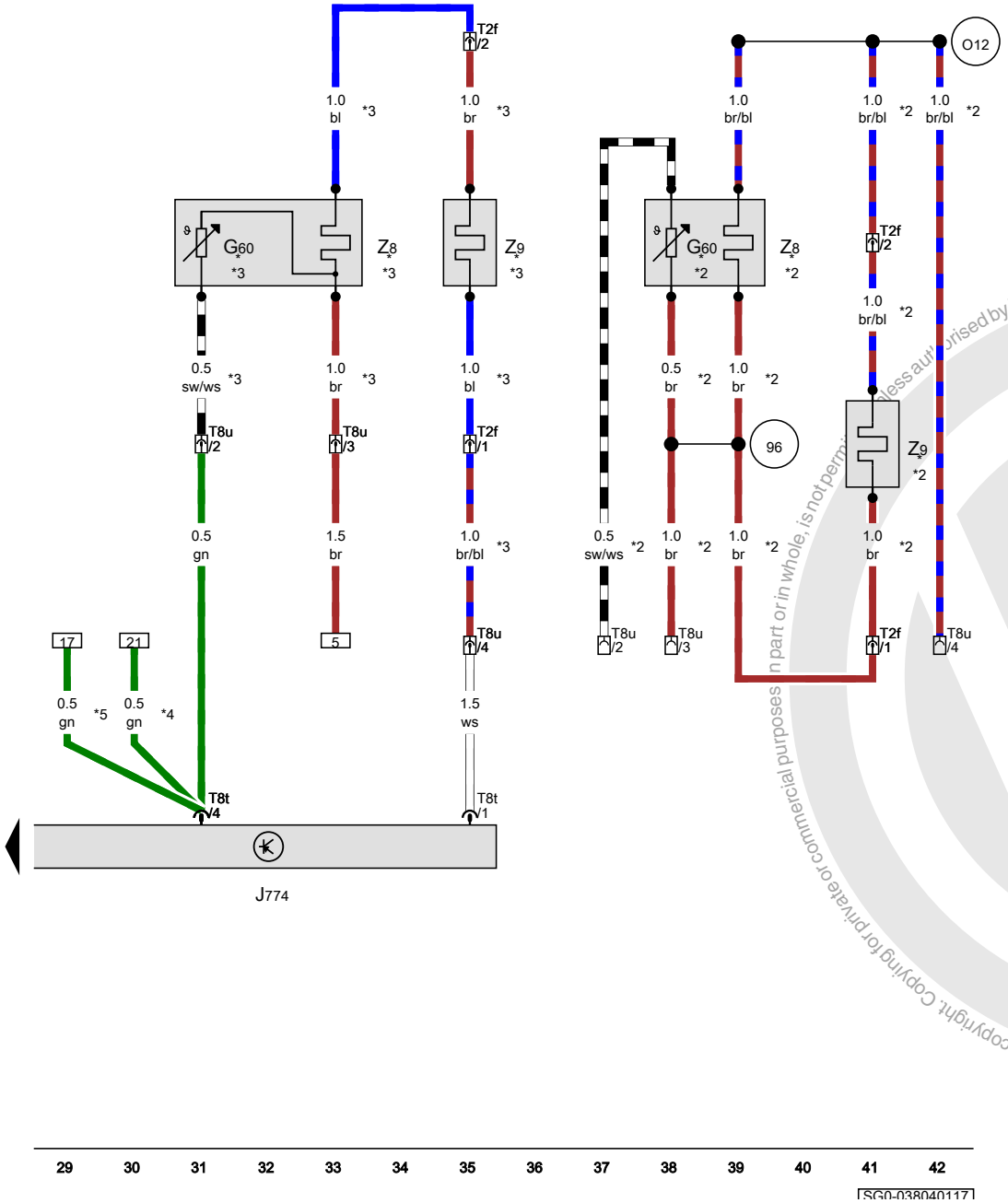
Heated front seats control unit, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat



G60	Front passenger seat temperature sensor
J774	Heated front seats control unit
T2f	2-pin connector, black, in front passenger seat
T8t	8-pin connector, black
T8u	8-pin connector, black, under seat on front right
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
96	Earth connection 1, in seat heating wiring harness
O12	Connection 1, in seat heating wiring harness
*	Only models with heated front passenger seat
*2	Only models with double seat on front passenger side
*3	Only models with single seat on front passenger side
*4	Only models with Climatic
*5	Only models with Climatronic

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Seat heating for seats with leather covers , (L0L),(3L0),(3L1),(3L2),(3L3)

From June 2015

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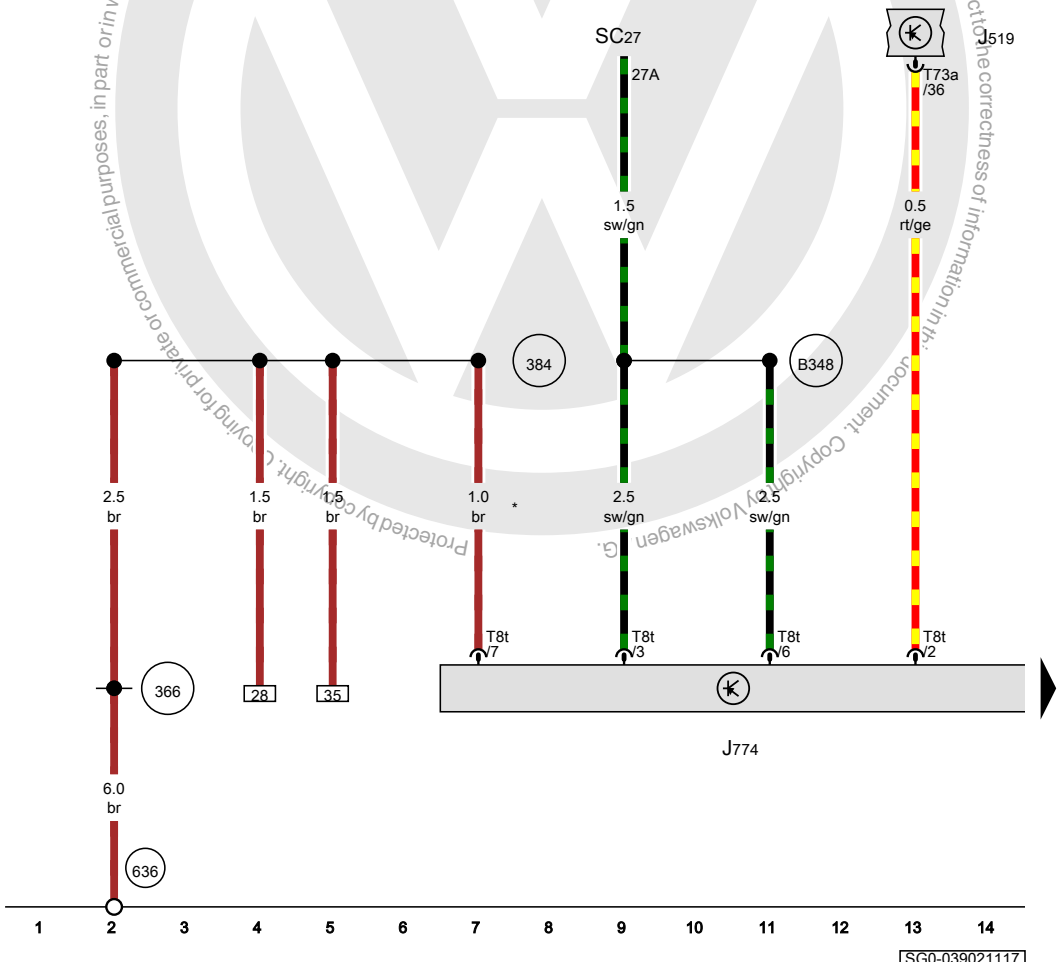
Onboard supply control unit, Heated front seats control unit, Fuse 27 on fuse holder C

J519	Onboard supply control unit
J774	Heated front seats control unit
SC27	Fuse 27 on fuse holder C
T8t	8-pin connector, black
T73a	73-pin connector, black
366	Earth connection 1, in main wiring harness
384	Earth connection 19, in main wiring harness
636	Earth point, onboard supply control unit
B348	Connection 1 (75a), in main wiring harness
*	Cross-section 1.5 possible



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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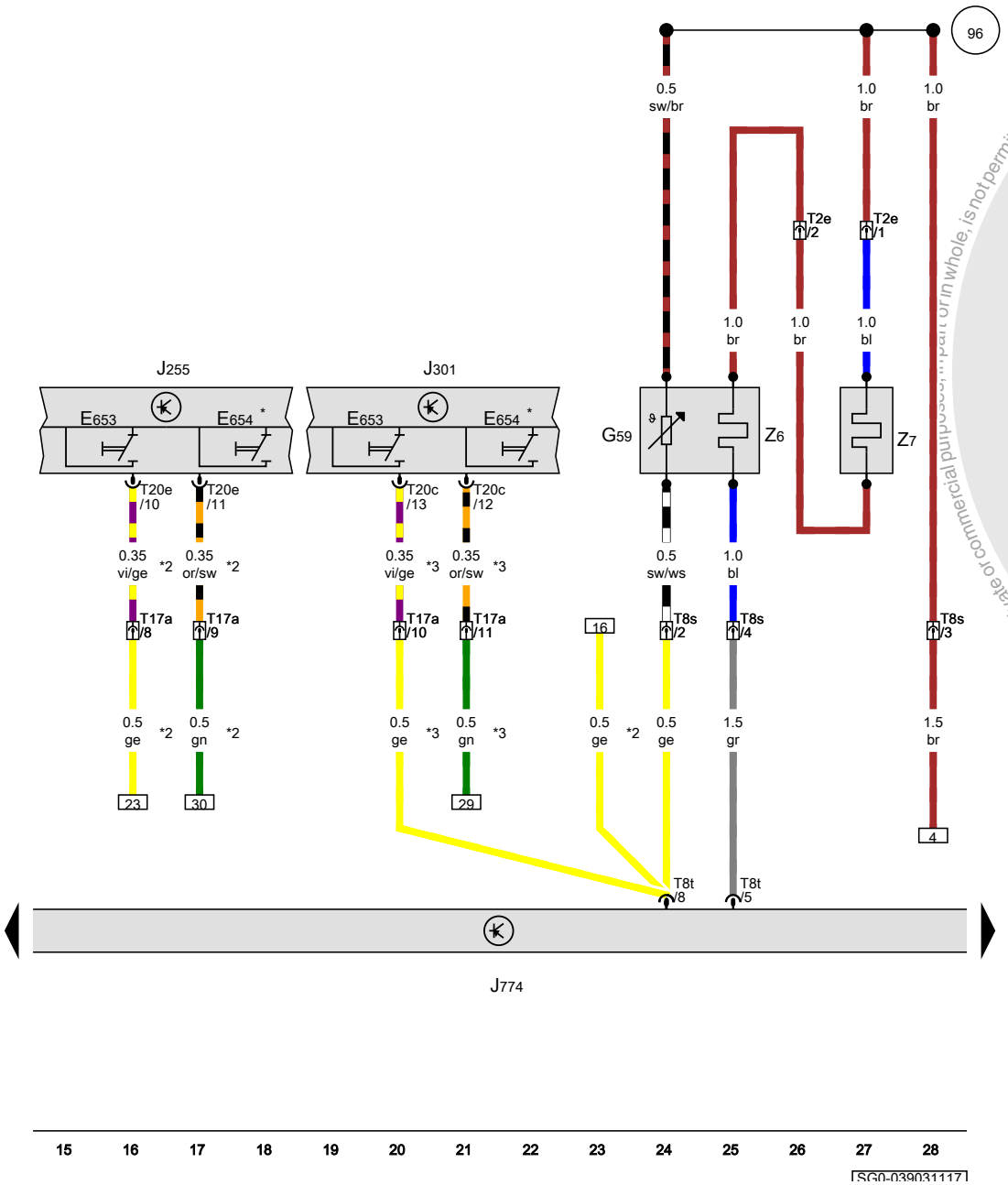
Button for left seat heating, Button for right seat heating, Climatronic control unit, Air conditioning system control unit, Heated front seats control unit, Heated seat cushion for driver seat, Heated backrest for driver seat



E653	Button for left seat heating
E654	Button for right seat heating
G59	Driver seat temperature sensor
J255	Climatronic control unit
J301	Air conditioning system control unit
J774	Heated front seats control unit
T2e	2-pin connector, black, in driver seat
T8s	8-pin connector, black, under seat on front left
T8t	8-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
T20e	20-pin connector, black
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
96	Earth connection 1, in seat heating wiring harness
*	For models with heated front passenger seat
*2	For models with Climatronic
*3	For models with Climatic

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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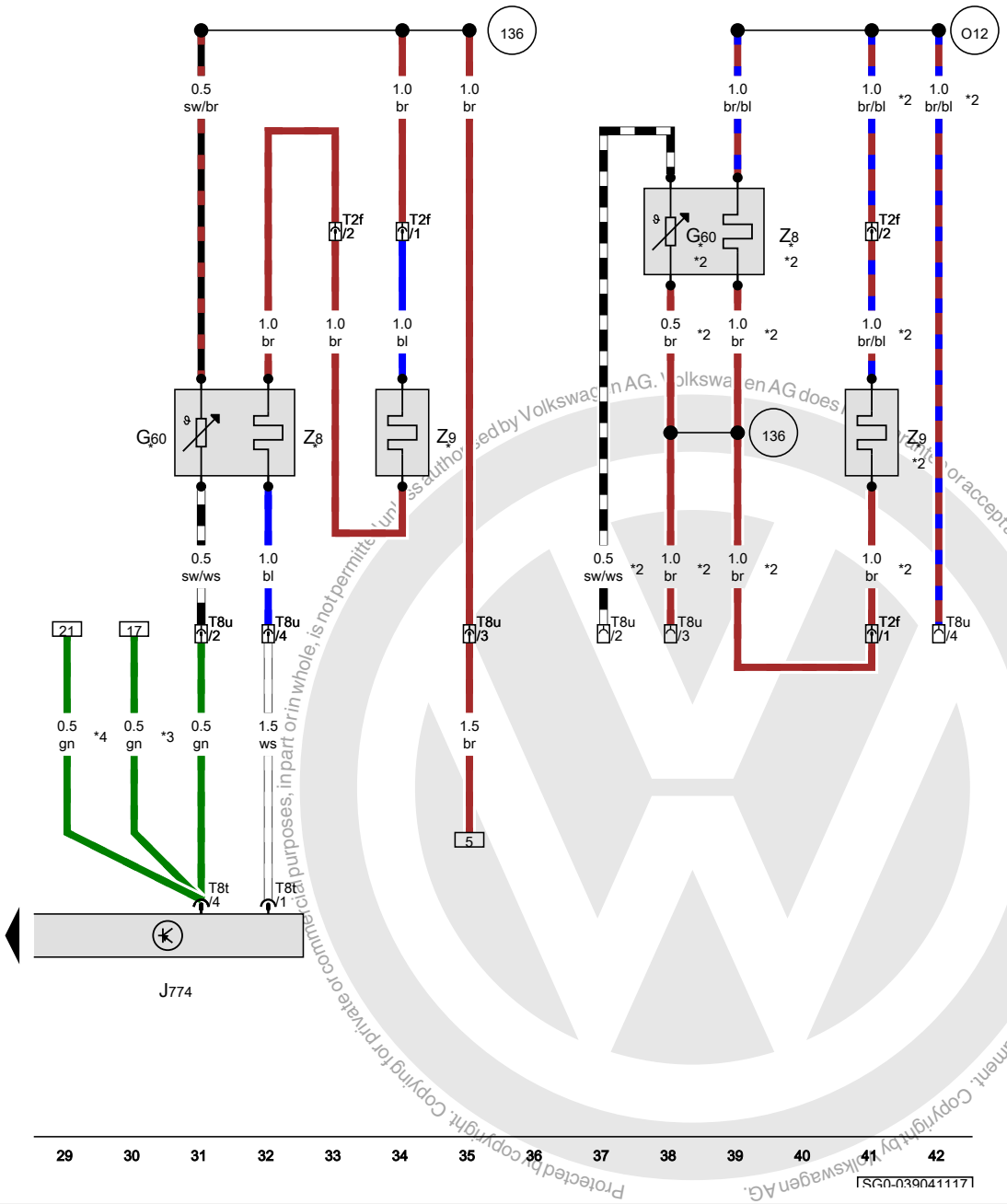

Heated front seats control unit, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat

G60	Front passenger seat temperature sensor
J774	Heated front seats control unit
T2f	2-pin connector, black, in front passenger seat
T8t	8-pin connector, black
T8u	8-pin connector, black, under seat on front right
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
136	Earth connection 2, in seat heating wiring harness
O12	Connection 1, in seat heating wiring harness
*	For models with heated front passenger seat
*2	For models with double seat on front passenger side
*3	For models with Climatronic
*4	For models with Climatic

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Preparation for radio , (8UB)

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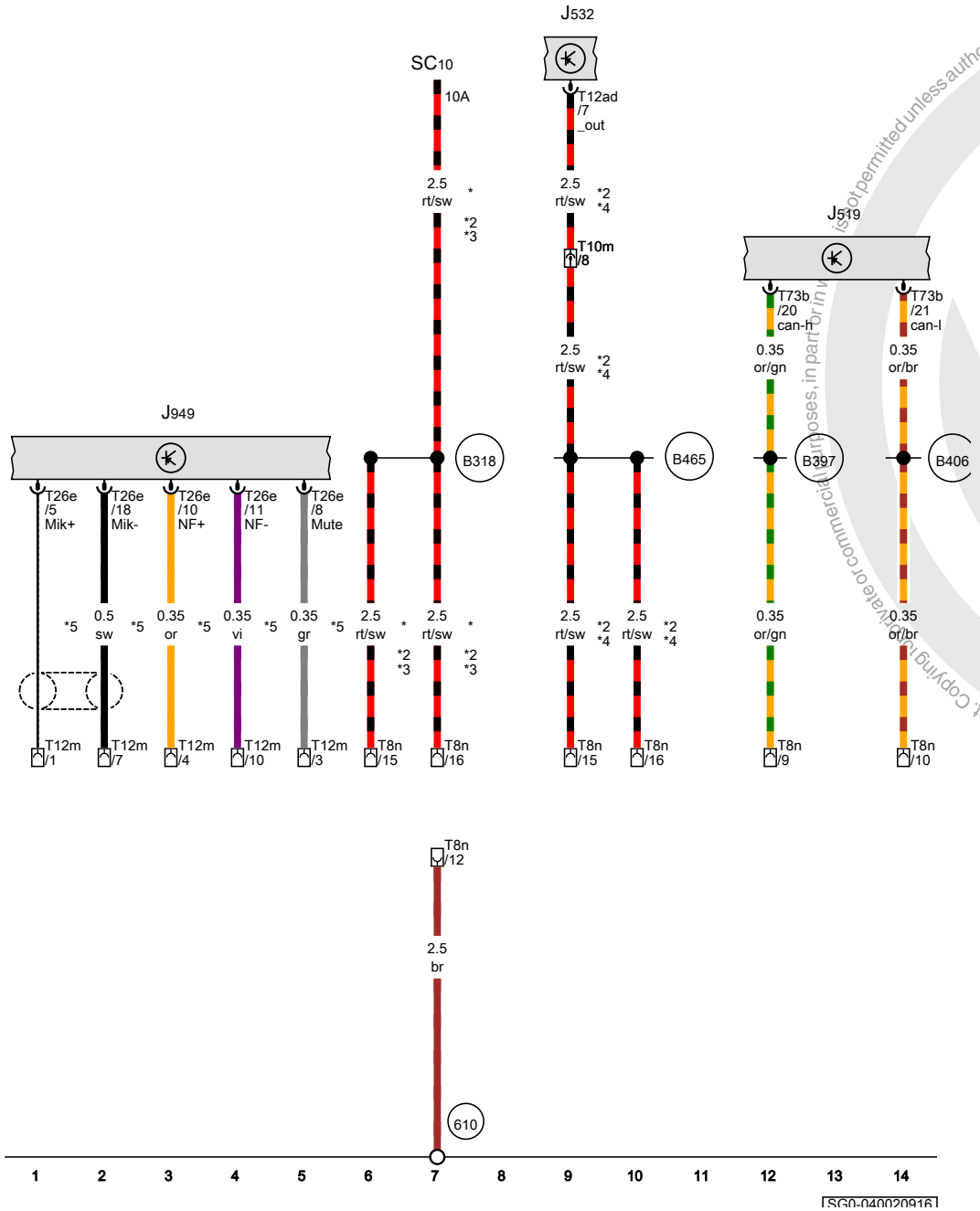
Onboard supply control unit, Voltage stabiliser, Emergency call module control unit and communication unit, Fuse 10 on fuse holder C



J519	Onboard supply control unit
J532	Voltage stabiliser
J949	Emergency call module control unit and communication unit
SC10	Fuse 10 on fuse holder C
T8n	8-pin connector, black, in slot for radio
T10m	10-pin connector, light pink, in E-box in engine compartment
T12ad	12-pin connector, black
T12m	12-pin connector, blue
T26e	26-pin connector, black
T73b	73-pin connector, white
610	Earth point (audio), front below centre console
B318	Positive connection 4 (30a) in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B465	Connection 1, in main wiring harness
*	Only models with no start/stop system
*2	Only models with start/stop system
*3	From June 2016
*4	Up to June 2016
*5	Only models with emergency call module

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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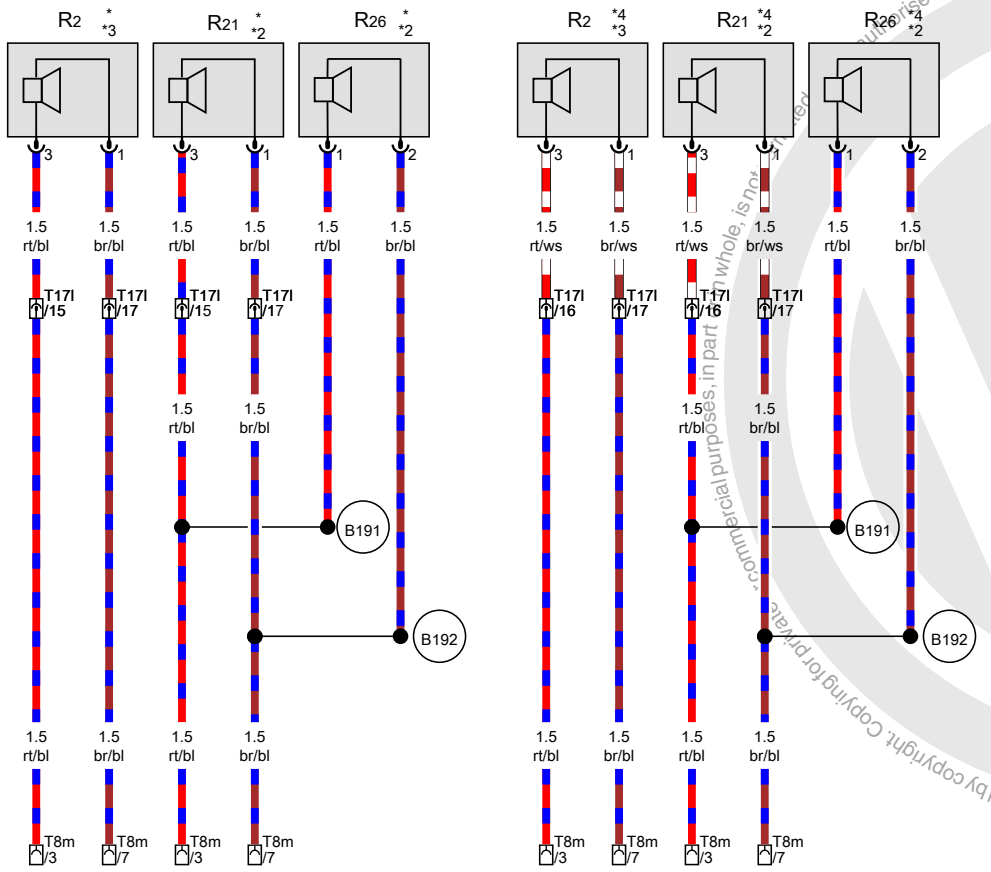

Front left loudspeaker, Front left bass loudspeaker, Front left mid-range and treble loudspeaker

R2	Front left loudspeaker
R21	Front left bass loudspeaker
R26	Front left mid-range and treble loudspeaker
T8m	8-pin connector, brown, in slot for radio
T17l	17-pin connector, black, in left A-pillar coupling station
B191	Connection (positive, front left loudspeaker), in interior wiring harness
B192	Connection (negative, front left loudspeaker), in interior wiring harness
*	Only left-hand drive models
*2	Only models with 4, 6 or 8 passive loudspeakers
*3	Only models with 2 loudspeakers (8RD)
*4	Only right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

15 16 17 18 19 20 21 22 23 24 25 26 27 28

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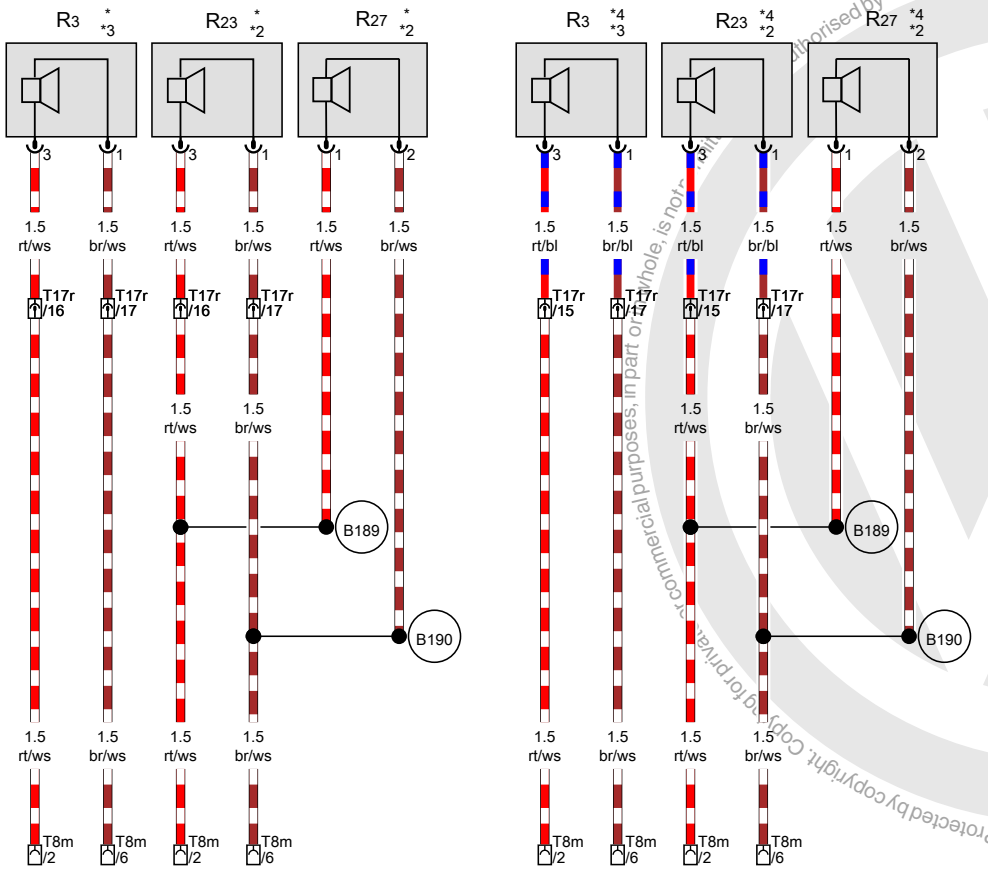

Front right loudspeaker, Front right bass loudspeaker, Front right mid-range and treble loudspeaker

R3	Front right loudspeaker
R23	Front right bass loudspeaker
R27	Front right mid-range and treble loudspeaker
T8m	8-pin connector, brown, in slot for radio
T17r	17-pin connector, black, in right A-pillar coupling station
B189	Connection (positive, front right loudspeaker), in interior wiring harness
B190	Connection (negative, front right loudspeaker), in interior wiring harness
*	Only left-hand drive models
*2	Only models with 4, 6 or 8 passive loudspeakers
*3	Only models with 2 loudspeakers (8RD)
*4	Only right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

29 30 31 32 33 34 35 36 37 38 39 40 41 42

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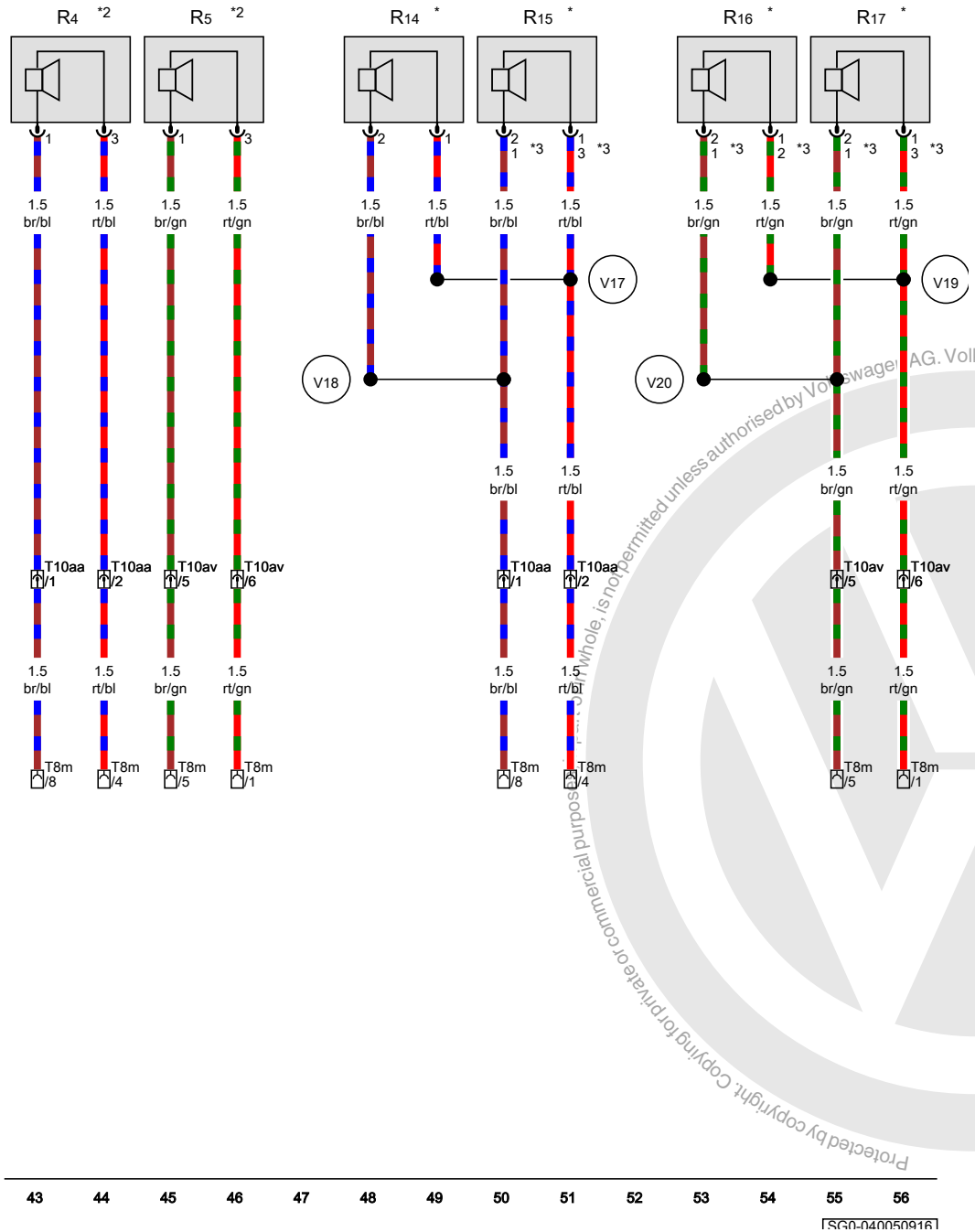

Rear left loudspeaker, Rear right loudspeaker, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker

R4	Rear left loudspeaker
R5	Rear right loudspeaker
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
T8m	8-pin connector, brown, in slot for radio
T10aa	10-pin connector, dark brown, under seat on front left
T10av	10-pin connector, brown, under seat on front right
V17	Connection (positive, rear left loudspeaker), in speaker wiring harness
V18	Connection (negative, rear left loudspeaker), in speaker wiring harness
V19	Connection (positive, rear right loudspeaker), in speaker wiring harness
V20	Connection (negative, rear right loudspeaker), in speaker wiring harness
*	Only models with 8 loudspeakers (8RM)
*2	Only models with equipment (6-passive loudspeakers)
*3	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Radio system , (I7D)

From June 2015

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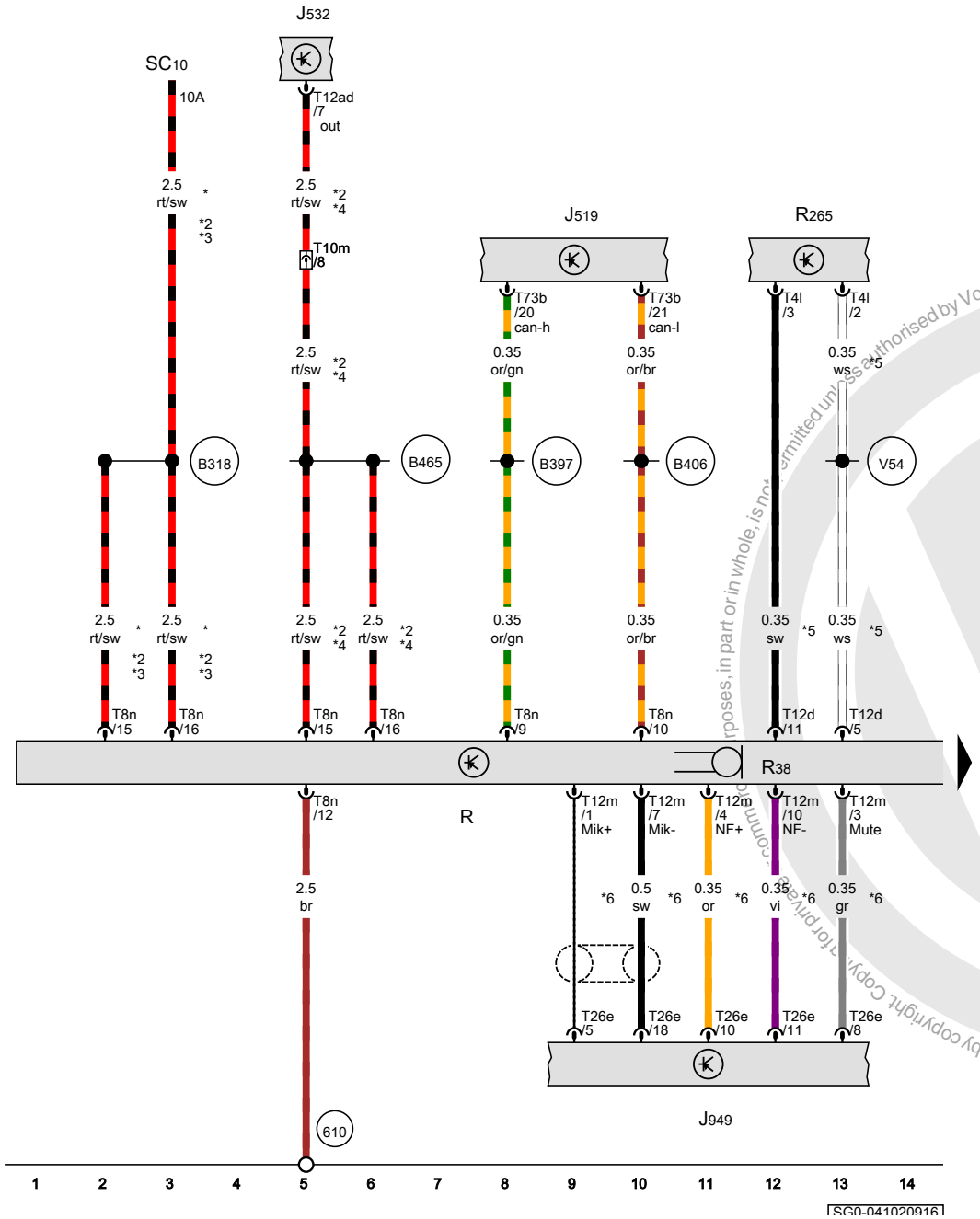
Onboard supply control unit, Voltage stabiliser, Emergency call module control unit and communication unit, Radio, Telephone microphone, Storage compartment with interface for mobile telephone, Fuse 10 on fuse holder C



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

J519	Onboard supply control unit
J532	Voltage stabiliser
J949	Emergency call module control unit and communication unit
R	Radio
R38	Telephone microphone
R265	Storage compartment with interface for mobile telephone
SC10	Fuse 10 on fuse holder C
T4l	4-pin connector, brown
T8n	8-pin connector, black
T10m	10-pin connector, light pink, in E-box in engine compartment
T12ad	12-pin connector, black
T12d	12-pin connector, grey
T12m	12-pin connector, blue
T26e	26-pin connector, black
T73b	73-pin connector, white
610	Earth point (audio), front below centre console
B318	Positive connection 4 (30a) in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B465	Connection 1, in main wiring harness
V54	Connection 1 (telephone), in main wiring harness
*	Only models with no start/stop system
*2	Only models with start/stop system
*3	From June 2016
*4	Up to June 2016
*5	Only models with preparation for mobile telephone
*6	Only models with emergency call module

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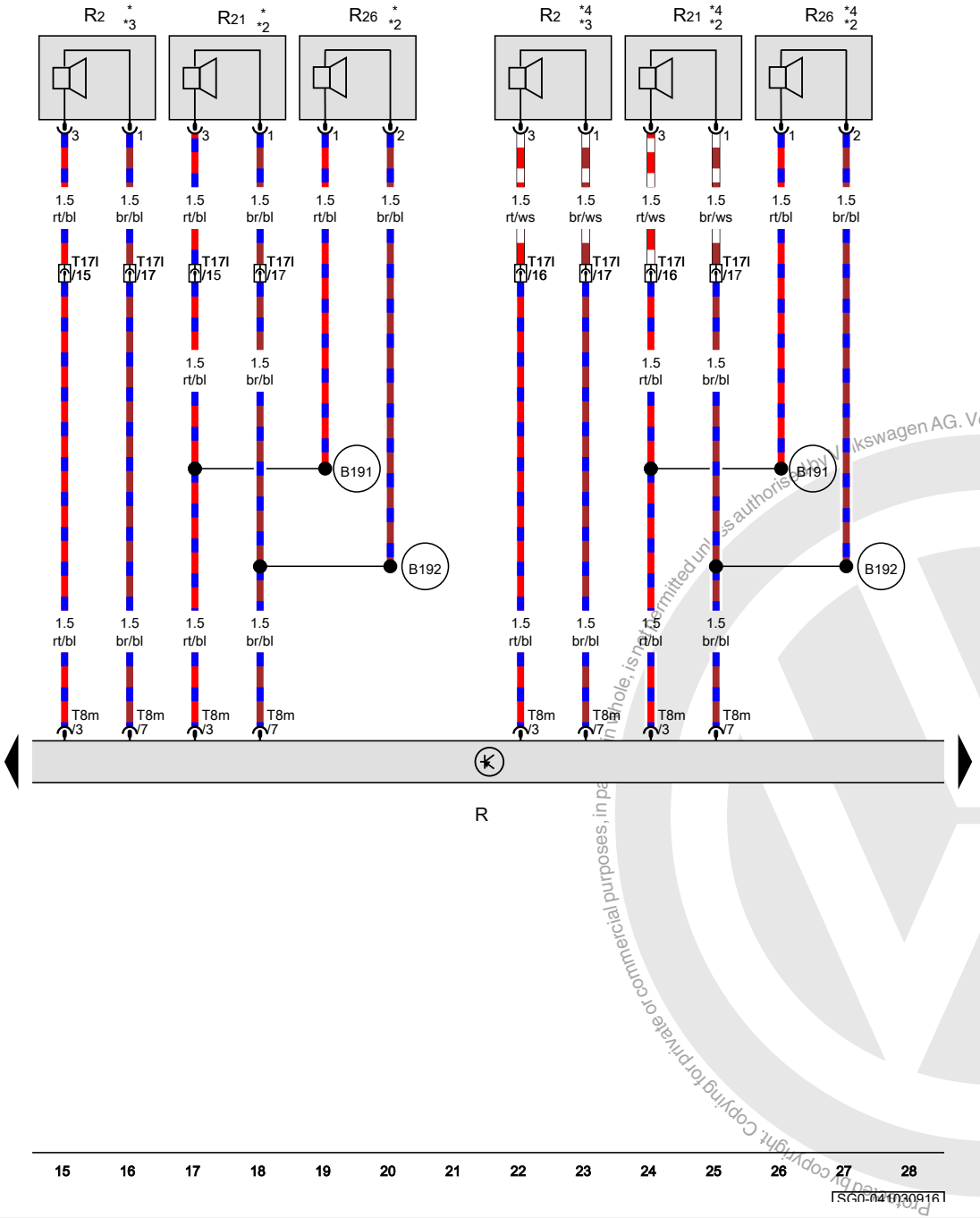
Radio, Front left loudspeaker, Front left bass loudspeaker, Front left mid-range and treble loudspeaker



R	Radio
R2	Front left loudspeaker
R21	Front left bass loudspeaker
R26	Front left mid-range and treble loudspeaker
T8m	8-pin connector, brown
T17l	17-pin connector, black, in left A-pillar coupling station
B191	Connection (positive, front left loudspeaker), in interior wiring harness
B192	Connection (negative, front left loudspeaker), in interior wiring harness
*	Only left-hand drive models
*2	Only models with 4, 6 or 8 passive loudspeakers
*3	Only models with 2 loudspeakers (8RD)
*4	Only right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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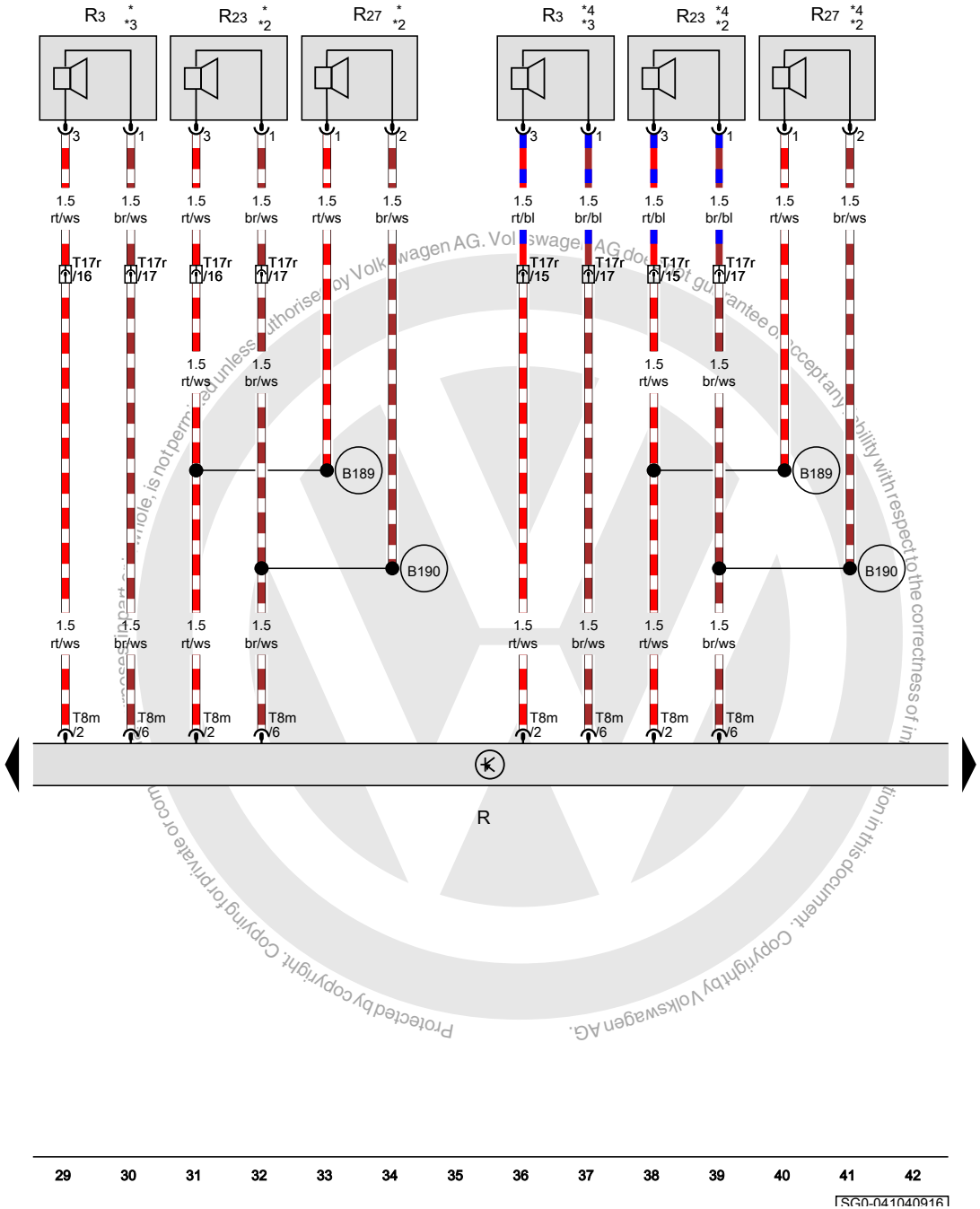

Radio, Front right loudspeaker, Front right bass loudspeaker, Front right mid-range and treble loudspeaker

R	Radio
R3	Front right loudspeaker
R23	Front right bass loudspeaker
R27	Front right mid-range and treble loudspeaker
T8m	8-pin connector, brown
T17r	17-pin connector, black, in right A-pillar coupling station
B189	Connection (positive, front right loudspeaker), in interior wiring harness
B190	Connection (negative, front right loudspeaker), in interior wiring harness
*	Only left-hand drive models
*2	Only models with 4, 6 or 8 passive loudspeakers
*3	Only models with 2 loudspeakers (8RD)
*4	Only right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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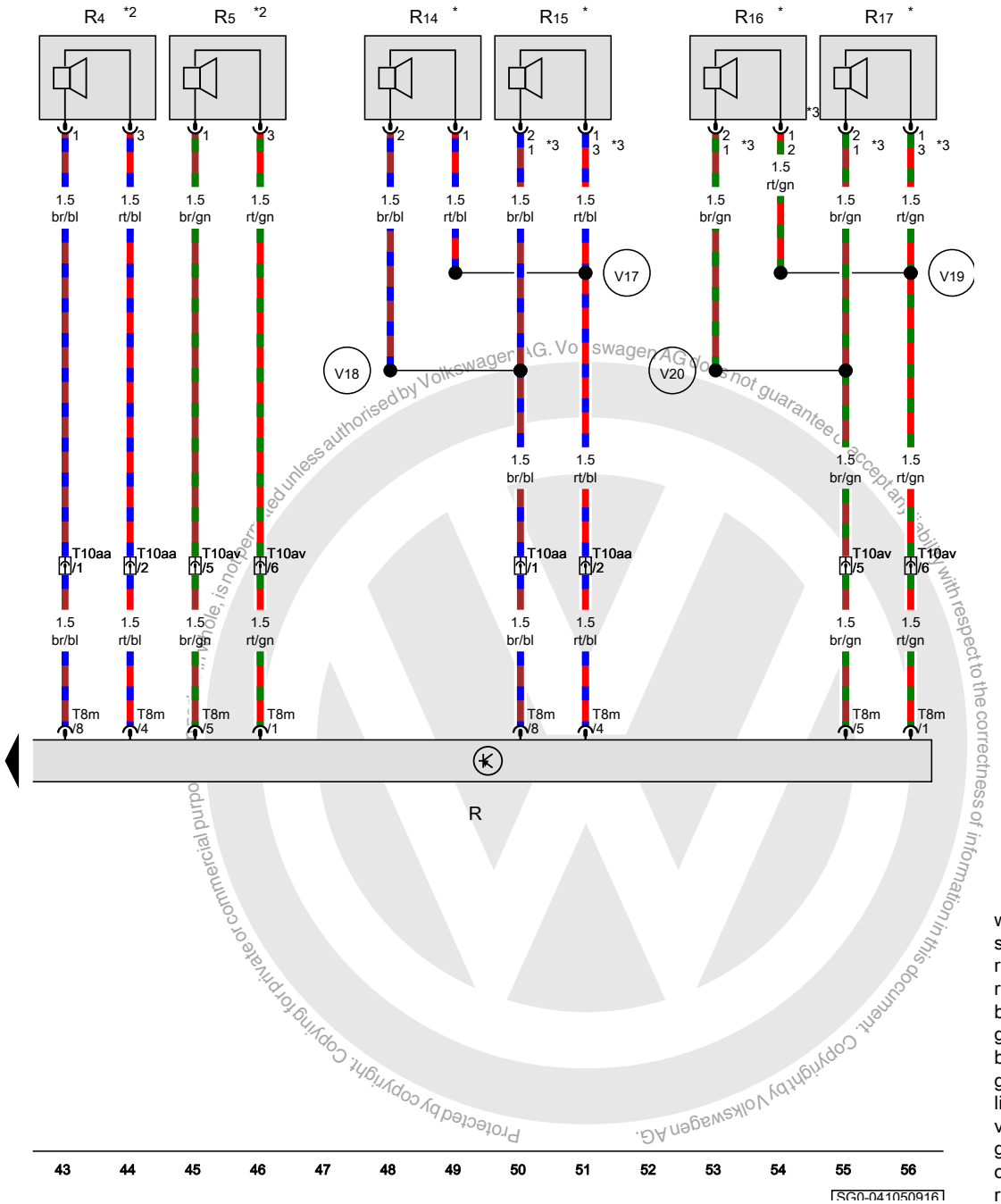

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Radio, Rear left loudspeaker, Rear right loudspeaker, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker

R	Radio
R4	Rear left loudspeaker
R5	Rear right loudspeaker
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
T8m	8-pin connector, brown
T10aa	10-pin connector, dark brown, under seat on front left
T10av	10-pin connector, brown, under seat on front right
V17	Connection (positive, rear left loudspeaker), in speaker wiring harness
V18	Connection (negative, rear left loudspeaker), in speaker wiring harness
V19	Connection (positive, rear right loudspeaker), in speaker wiring harness
V20	Connection (negative, rear right loudspeaker), in speaker wiring harness
*	Only models with 8 loudspeakers (8RM)
*2	Only models with equipment (6-passive loudspeakers)
*3	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Radio systems/navigation systems , (I6V),(I7C),(I7A),(8AY),(8RD),(8RE),(8RL),(8RM)

From June 2015

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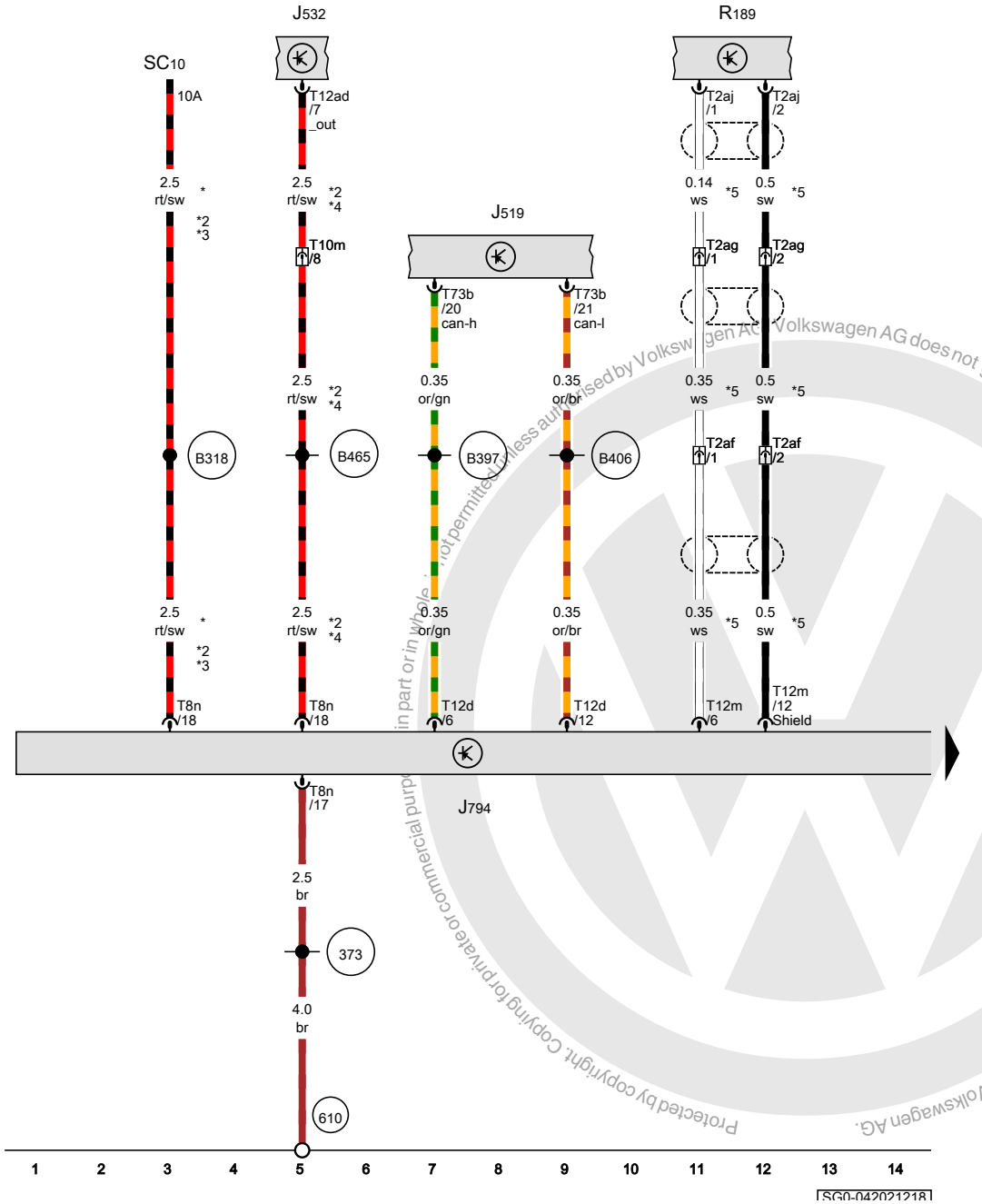
Onboard supply control unit, Voltage stabiliser, Control unit 1 for information electronics, Reversing camera, Fuse 10 on fuse holder C



J519	Onboard supply control unit
J532	Voltage stabiliser
J794	Control unit 1 for information electronics
R189	Reversing camera
SC10	Fuse 10 on fuse holder C
T2af	2-pin connector, grey, under front passenger seat
T2ag	2-pin connector, grey, under roof trim
T2aj	2-pin connector, blue, grey
T8n	8-pin connector, black
T10m	10-pin connector, light pink, in E-box
T12ad	12-pin connector, black
T12d	12-pin connector, grey
T12m	12-pin connector, blue
T73b	73-pin connector, white
373	Earth connection 8, in main wiring harness
610	Earth point (audio), front below centre console
B318	Positive connection 4 (30a) in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B465	Connection 1, in main wiring harness
*	For models with no start/stop system
*2	For models with start/stop system
*3	From June 2016
*4	Up to June 2016
*5	For models with reversing camera system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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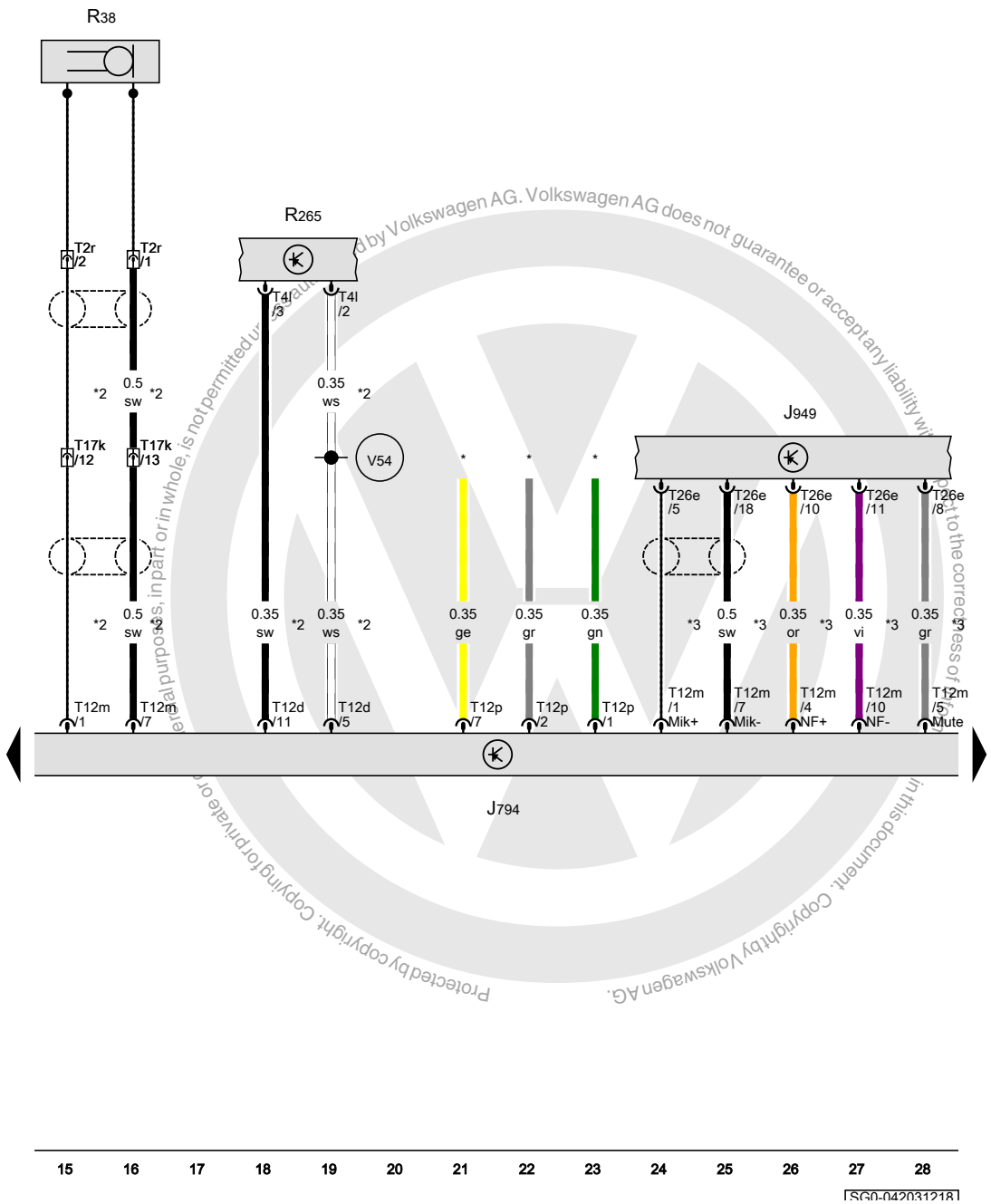

Control unit 1 for information electronics, Emergency call module control unit and communication unit, Telephone microphone, Storage compartment with interface for mobile telephone

J794	Control unit 1 for information electronics
J949	Emergency call module control unit and communication unit
R38	Telephone microphone
R265	Storage compartment with interface for mobile telephone
T2r	2-pin connector, black, near front interior light
T4l	4-pin connector, brown
T12d	12-pin connector, grey
T12m	12-pin connector, blue
T12p	12-pin connector, green
T17k	17-pin connector, green, in left A-pillar coupling station
T26e	26-pin connector, black
V54	Connection 1 (telephone), in main wiring harness
*	see applicable current flow diagram for multimedia system
*2	For models with preparation for mobile telephone
*3	For models with emergency call module

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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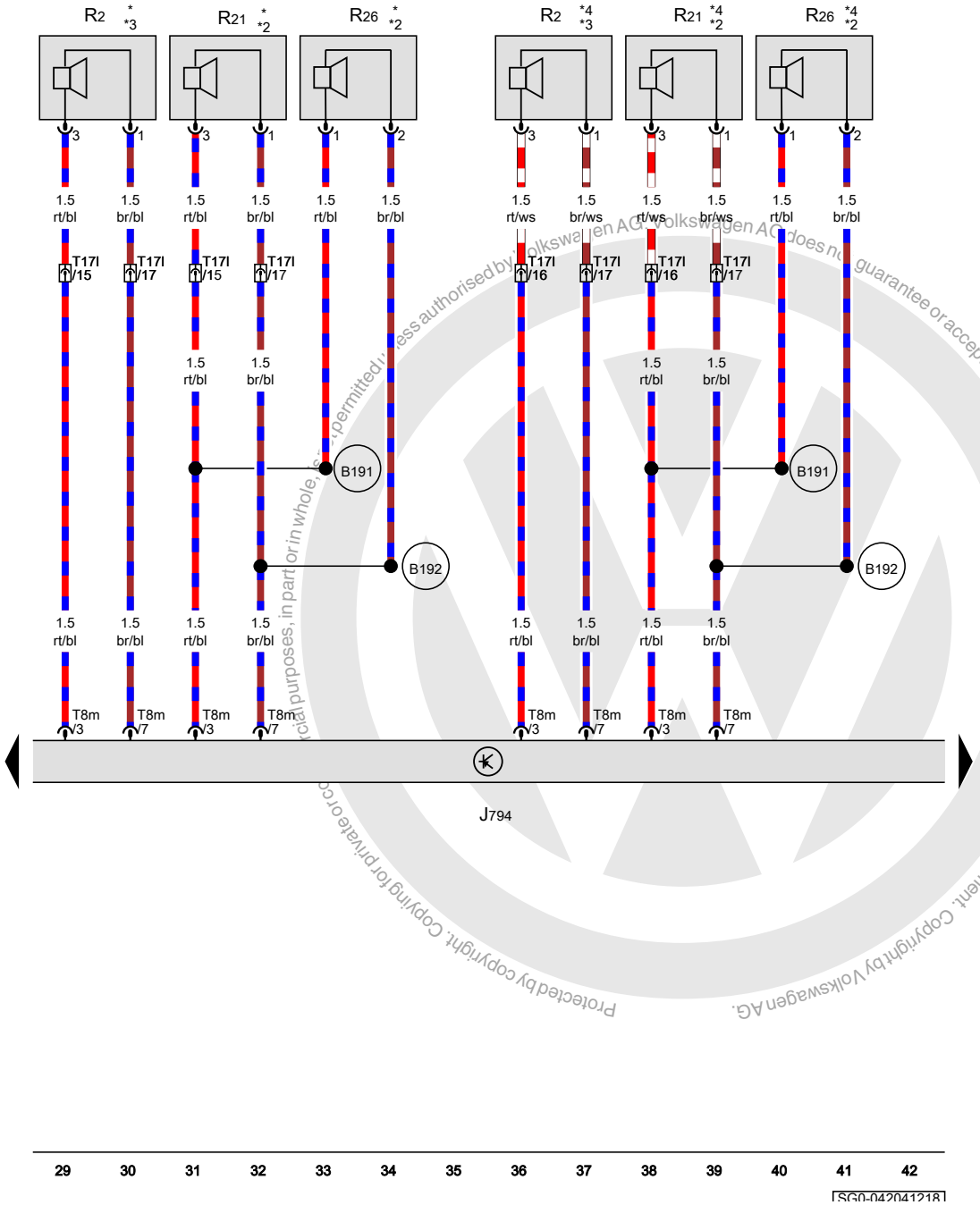

Control unit 1 for information electronics, Front left loudspeaker, Front left bass loudspeaker, Front left mid-range and treble loudspeaker

J794	Control unit 1 for information electronics
R2	Front left loudspeaker
R21	Front left bass loudspeaker
R26	Front left mid-range and treble loudspeaker
T8m	8-pin connector, brown
T17l	17-pin connector, black, in left A-pillar coupling station
B191	Connection (positive, front left loudspeaker), in interior wiring harness
B192	Connection (negative, front left loudspeaker), in interior wiring harness
*	For left-hand drive models
*2	For models with 4, 6 or 8 passive loudspeakers
*3	For models with 2 loudspeakers (8RD)
*4	For right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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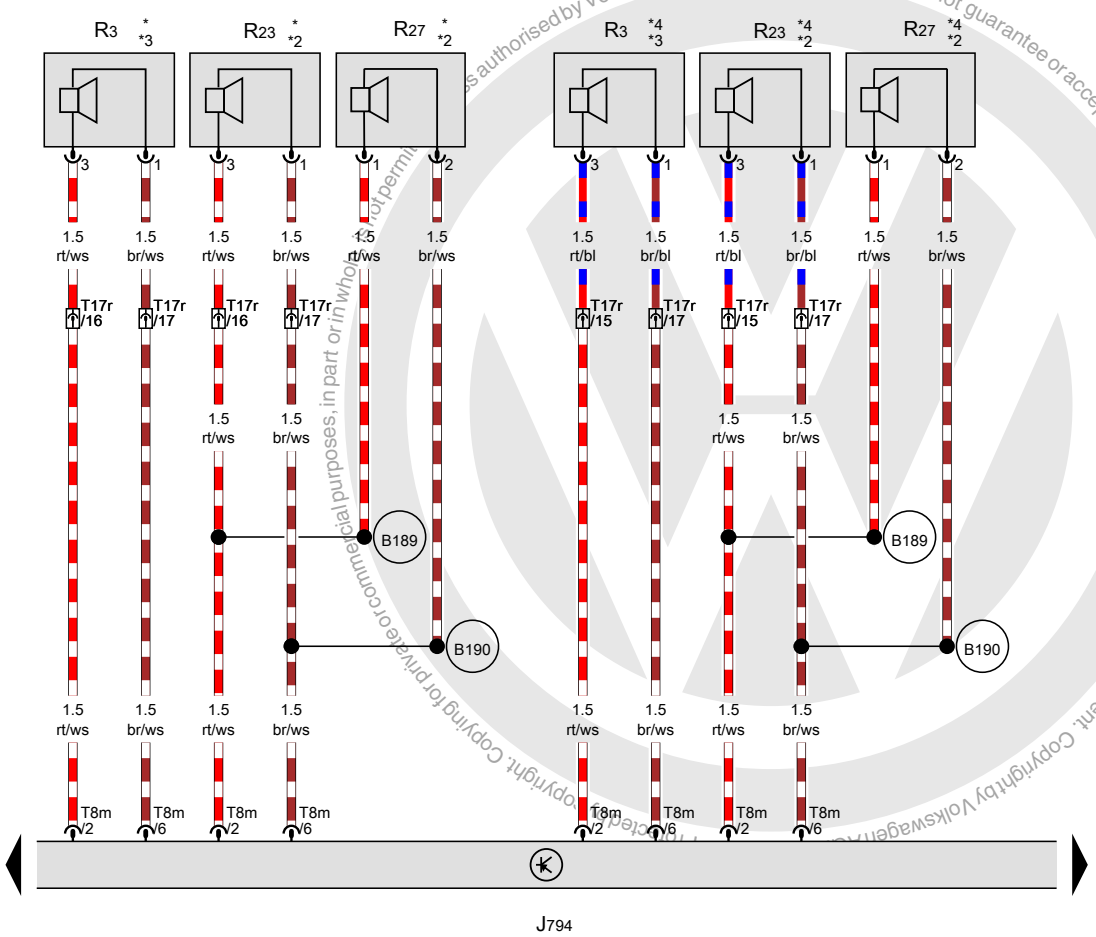

Control unit 1 for information electronics, Front right loudspeaker, Front right bass loudspeaker, Front right mid-range and treble loudspeaker

J794	Control unit 1 for information electronics
R3	Front right loudspeaker
R23	Front right bass loudspeaker
R27	Front right mid-range and treble loudspeaker
T8m	8-pin connector, brown
T17r	17-pin connector, black, in right A-pillar coupling station
B189	Connection (positive, front right loudspeaker), in interior wiring harness
B190	Connection (negative, front right loudspeaker), in interior wiring harness
*	For left-hand drive models
*2	For models with 4, 6 or 8 passive loudspeakers
*3	For models with 2 loudspeakers (8RD)
*4	For right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

43 44 45 46 47 48 49 50 51 52 53 54 55 56

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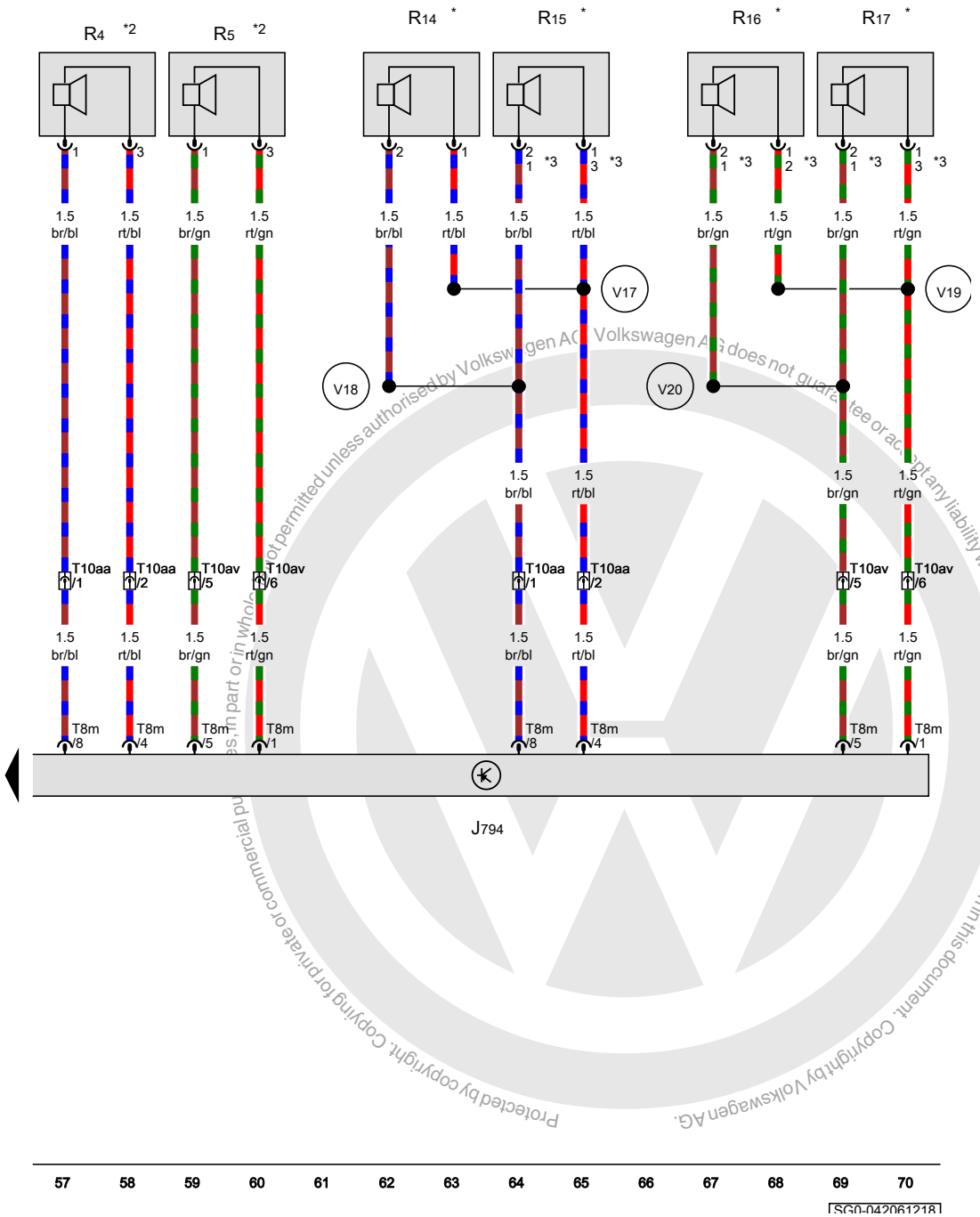

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Control unit 1 for information electronics, Rear left loudspeaker, Rear right loudspeaker, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker

J794	Control unit 1 for information electronics
R4	Rear left loudspeaker
R5	Rear right loudspeaker
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
T8m	8-pin connector, brown
T10aa	10-pin connector, dark brown, under seat on front left
T10av	10-pin connector, brown, under seat on front right
V17	Connection (positive, rear left loudspeaker), in speaker wiring harness
V18	Connection (negative, rear left loudspeaker), in speaker wiring harness
V19	Connection (positive, rear right loudspeaker), in speaker wiring harness
V20	Connection (negative, rear right loudspeaker), in speaker wiring harness
*	For models with 8 loudspeakers (8RM)
*2	For models equipped with 6 passive loudspeakers
*3	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Radio systems/navigation systems , (I6V),(I7C),(I7A),(8AY),(9VE),(9VP)

From June 2015

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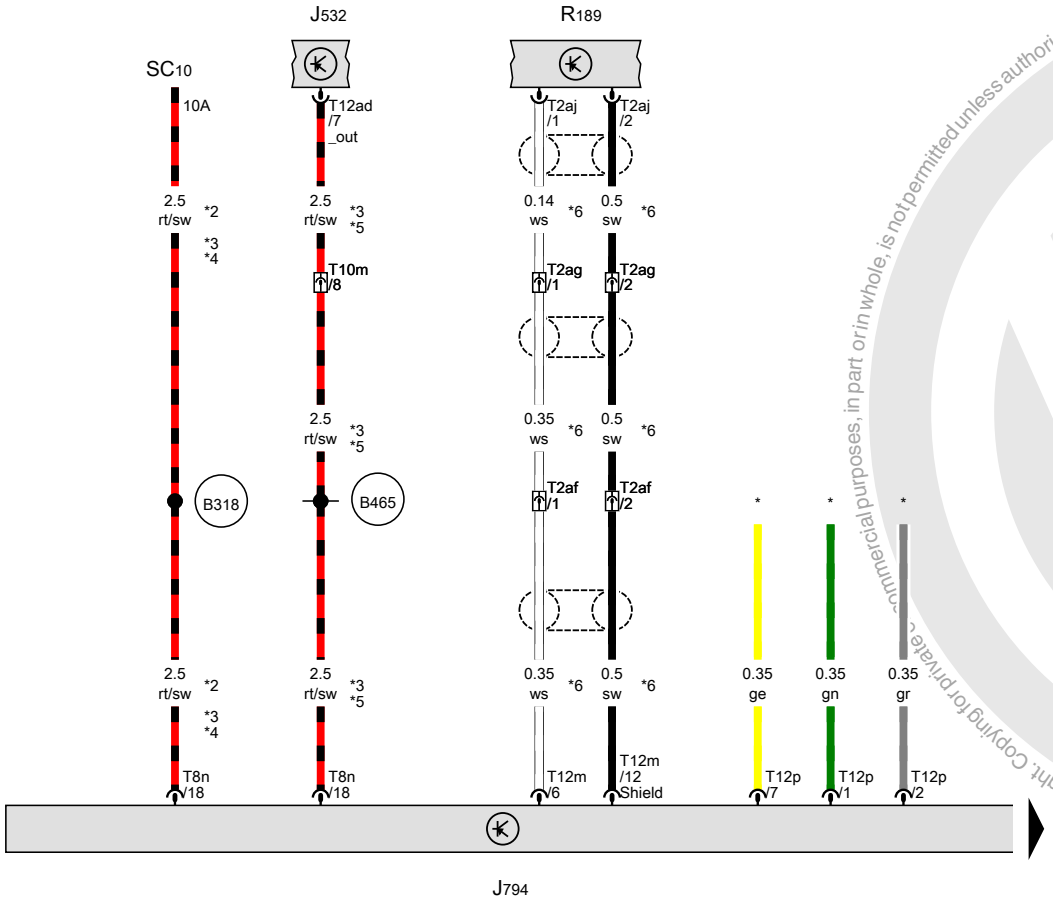
Voltage stabiliser, Control unit 1 for information electronics, Reversing camera, Fuse 10 on fuse holder C



J532	Voltage stabiliser
J794	Control unit 1 for information electronics
R189	Reversing camera
SC10	Fuse 10 on fuse holder C
T2af	2-pin connector, grey, under front passenger seat
T2ag	2-pin connector, grey, under roof trim
T2aj	2-pin connector, blue, grey
T8n	8-pin connector, black
T10m	10-pin connector, light pink, in E-box in engine compartment
T12ad	12-pin connector, black
T12m	12-pin connector, blue
T12p	12-pin connector, green
B318	Positive connection 4 (30a) in main wiring harness
B465	Connection 1, in main wiring harness
*	see applicable current flow diagram for multimedia system
*2	For models with no start/stop system
*3	For models with start/stop system
*4	From June 2016
*5	Up to June 2016
*6	For models with reversing camera system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

1 2 3 4 5 6 7 8 9 10 11 12 13 14

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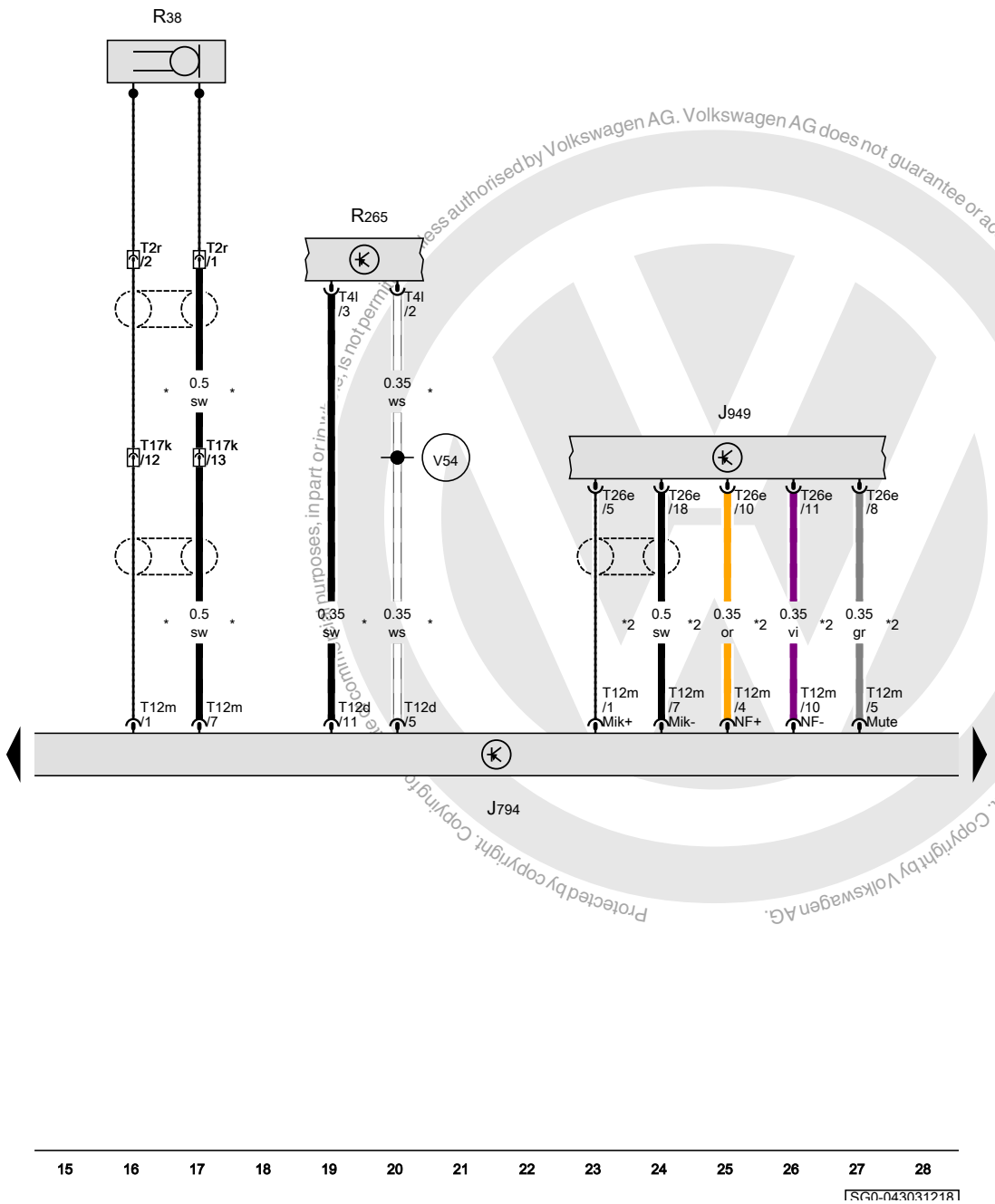

Control unit 1 for information electronics, Emergency call module control unit and communication unit, Telephone microphone, Storage compartment with interface for mobile telephone

J794	Control unit 1 for information electronics
J949	Emergency call module control unit and communication unit
R38	Telephone microphone
R265	Storage compartment with interface for mobile telephone
T2r	2-pin connector, black, near front interior light
T4l	4-pin connector, brown
T12d	12-pin connector, grey
T12m	12-pin connector, blue
T17k	17-pin connector, green, in left A-pillar coupling station
T26e	26-pin connector, black
V54	Connection 1 (telephone), in main wiring harness
*	For models with preparation for mobile telephone
*2	For models with emergency call module

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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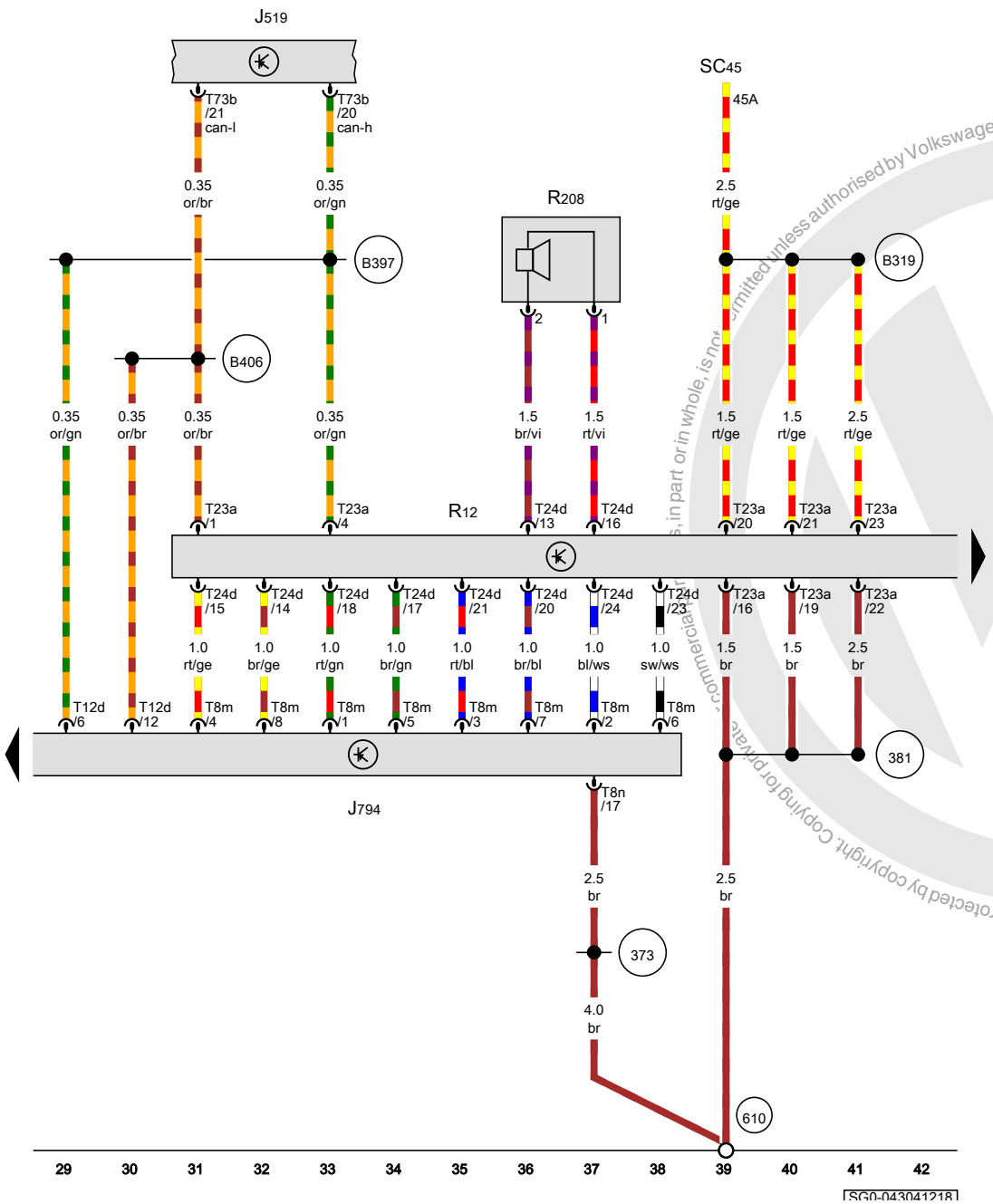
Onboard supply control unit, Control unit 1 for information electronics, Amplifier, Centre loudspeaker, Fuse 45 on fuse holder C



J519	Onboard supply control unit
J794	Control unit 1 for information electronics
R12	Amplifier, under front passenger seat
R208	Centre loudspeaker
SC45	Fuse 45 on fuse holder C
T8m	8-pin connector, brown
T8n	8-pin connector, black
T12d	12-pin connector, grey
T23a	23-pin connector, green
T24d	24-pin connector, grey
T73b	73-pin connector, white
373	Earth connection 8, in main wiring harness
381	Earth connection 16, in main wiring harness
610	Earth point (audio), front below centre console
B319	Positive connection 5 (30a) in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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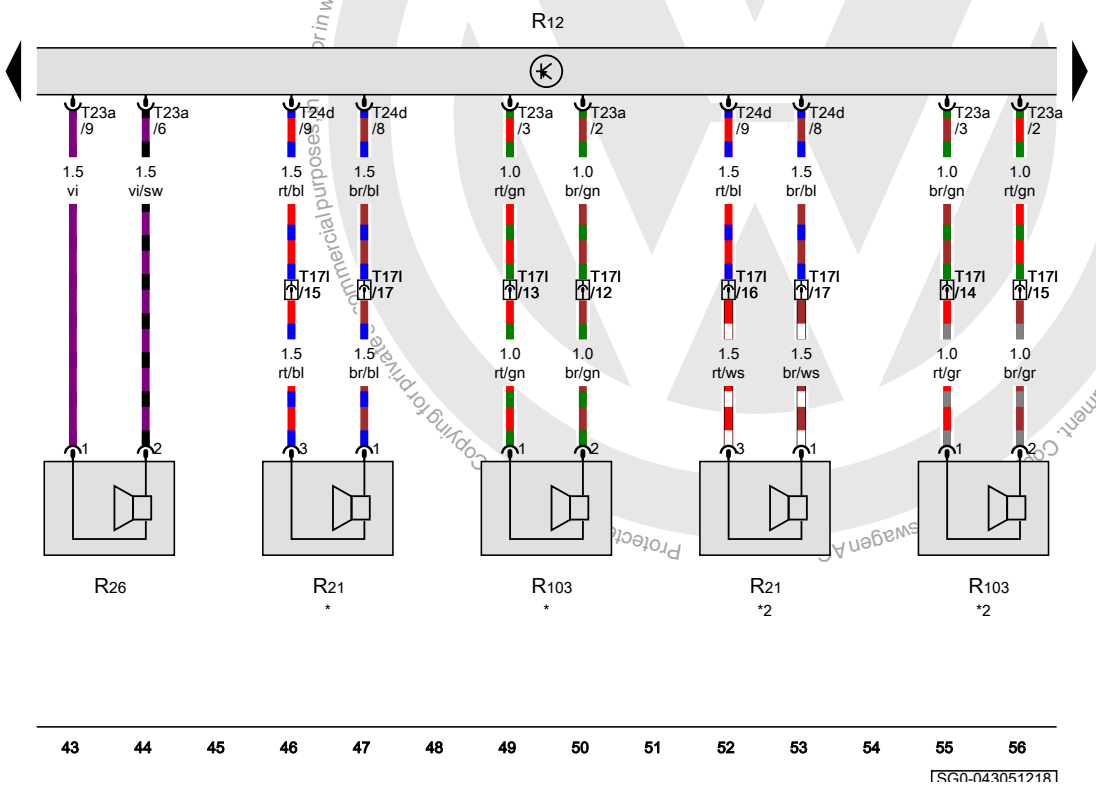
Amplifier, Front left bass loudspeaker, Front left mid-range and treble loudspeaker, Front left mid-range loudspeaker

R12	Amplifier, under front passenger seat
R21	Front left bass loudspeaker
R26	Front left mid-range and treble loudspeaker
R103	Front left mid-range loudspeaker
T17l	17-pin connector, black, in left A-pillar coupling station
T23a	23-pin connector, green
T24d	24-pin connector, grey
*	For left-hand drive models
*2	For right-hand drive models



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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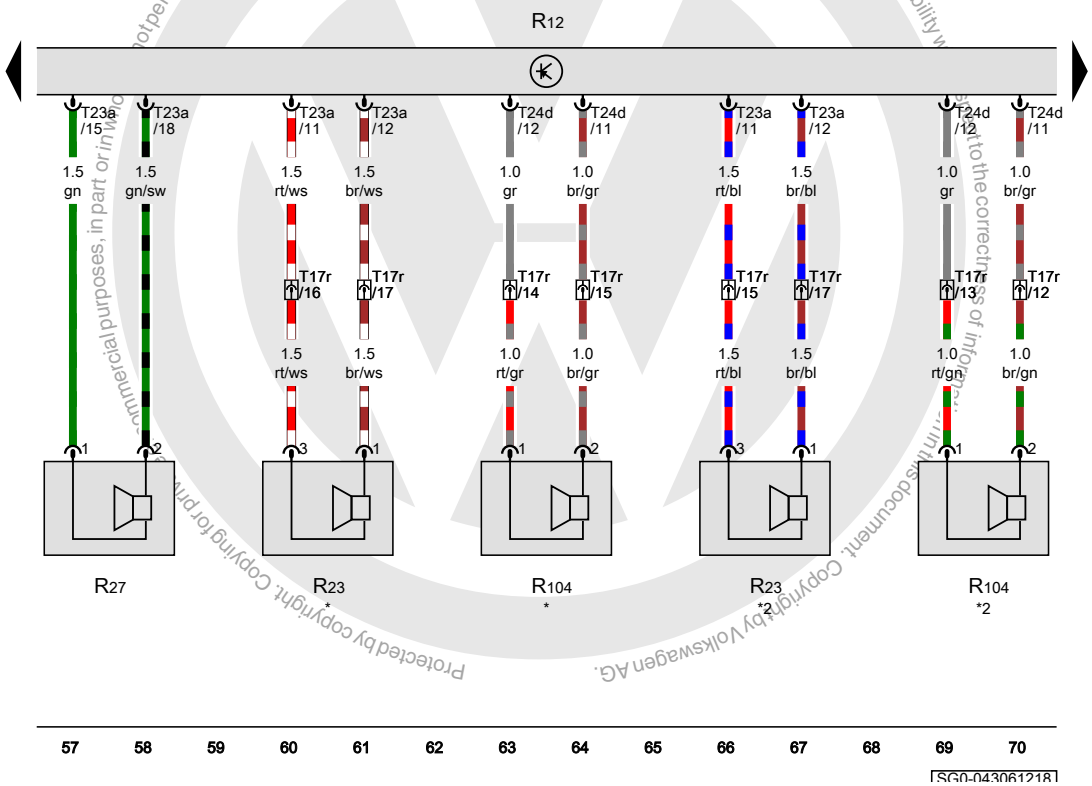
Amplifier, Front right bass loudspeaker, Front right mid-range and treble loudspeaker, Front right mid-range loudspeaker

R12	Amplifier, under front passenger seat
R23	Front right bass loudspeaker
R27	Front right mid-range and treble loudspeaker
R104	Front right mid-range loudspeaker
T17r	17-pin connector, black, in right A-pillar coupling station
T23a	23-pin connector, green
T24d	24-pin connector, grey
*	For left-hand drive models
*2	For right-hand drive models



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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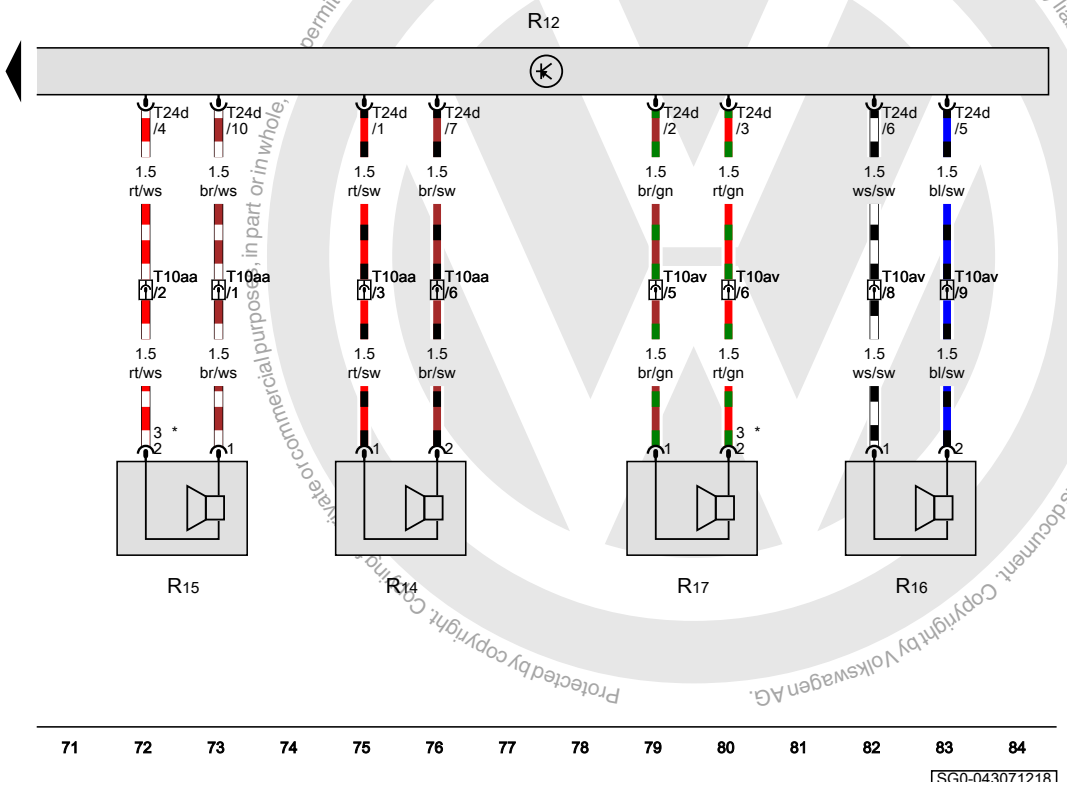
Amplifier, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker

R12	Amplifier, under front passenger seat
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
T10aa	10-pin connector, dark brown, under seat on front left
T10av	10-pin connector, brown, under seat on front right
T24d	24-pin connector, grey
*	According to equipment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Preparation for mobile telephone , (9IE),(9ZX)

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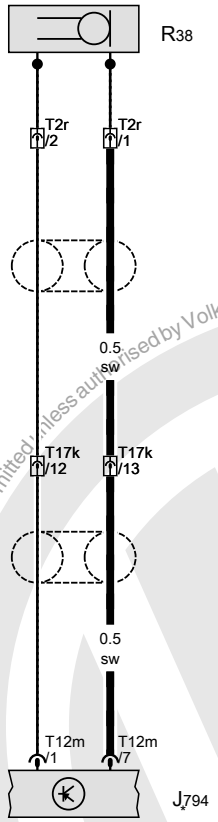
Control unit 1 for information electronics, Telephone microphone

J794	Control unit 1 for information electronics
R38	Telephone microphone
T2r	2-pin connector, black, near front interior light
T12m	12-pin connector, blue
T17k	17-pin connector, green, in left A-pillar coupling station
*	see applicable current flow diagram for radio/ radio navigation system



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SG0-0440205 15

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Preparation for mobile telephone , (L0L),(9ZE),(9IF)

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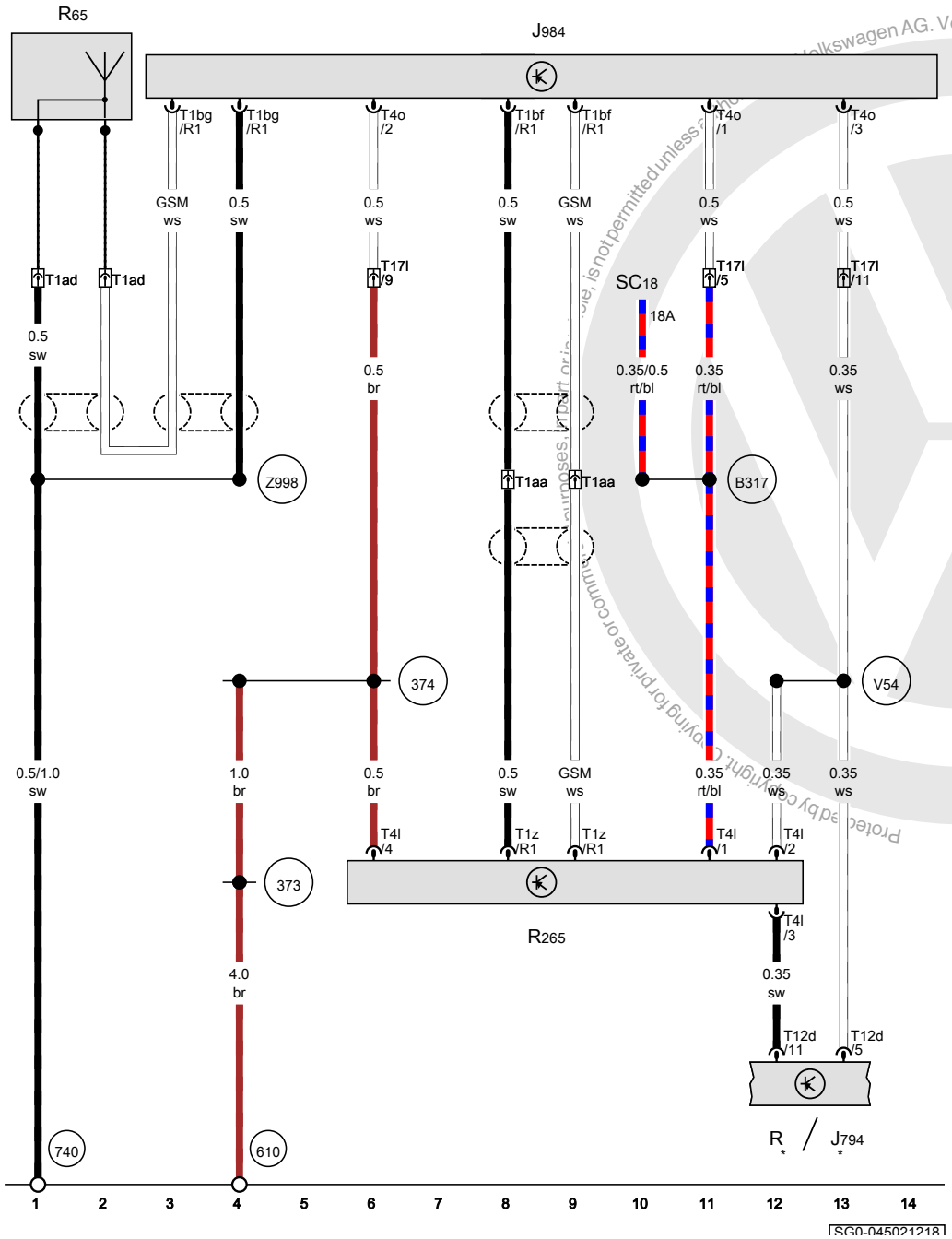

Control unit 1 for information electronics, Two-way signal amplifier for mobile telephone/data services, Radio, Telephone aerial, Storage compartment with interface for mobile telephone, Fuse 18 on fuse holder C

J794	Control unit 1 for information electronics
J984	Two-way signal amplifier for mobile telephone/data services
R	Radio
R1	Aerial connection
R65	Telephone aerial
R265	Storage compartment with interface for mobile telephone
SC18	Fuse 18 on fuse holder C
T1aa	1-pin connector, purple, on left A-pillar
T1ad	1-pin connector, purple, in left door, near exterior mirror
T1bf	1-pin connector, purple
T1bg	1-pin connector, purple
T1z	1-pin connector, purple
T4l	4-pin connector, brown
T4o	4-pin connector, black
T12d	12-pin connector, grey
T17l	17-pin connector, black, in left A-pillar coupling station
373	Earth connection 8, in main wiring harness
374	Earth connection 9, in main wiring harness
610	Earth point (audio), front below centre console
740	Earth point 2 in front left door
B317	Positive connection 3 (30a) in main wiring harness
V54	Connection 1 (telephone), in main wiring harness
Z998	Wiring screen
*	see applicable current flow diagram for radio/ radio navigation system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Aerials in exterior mirror , (L0L)

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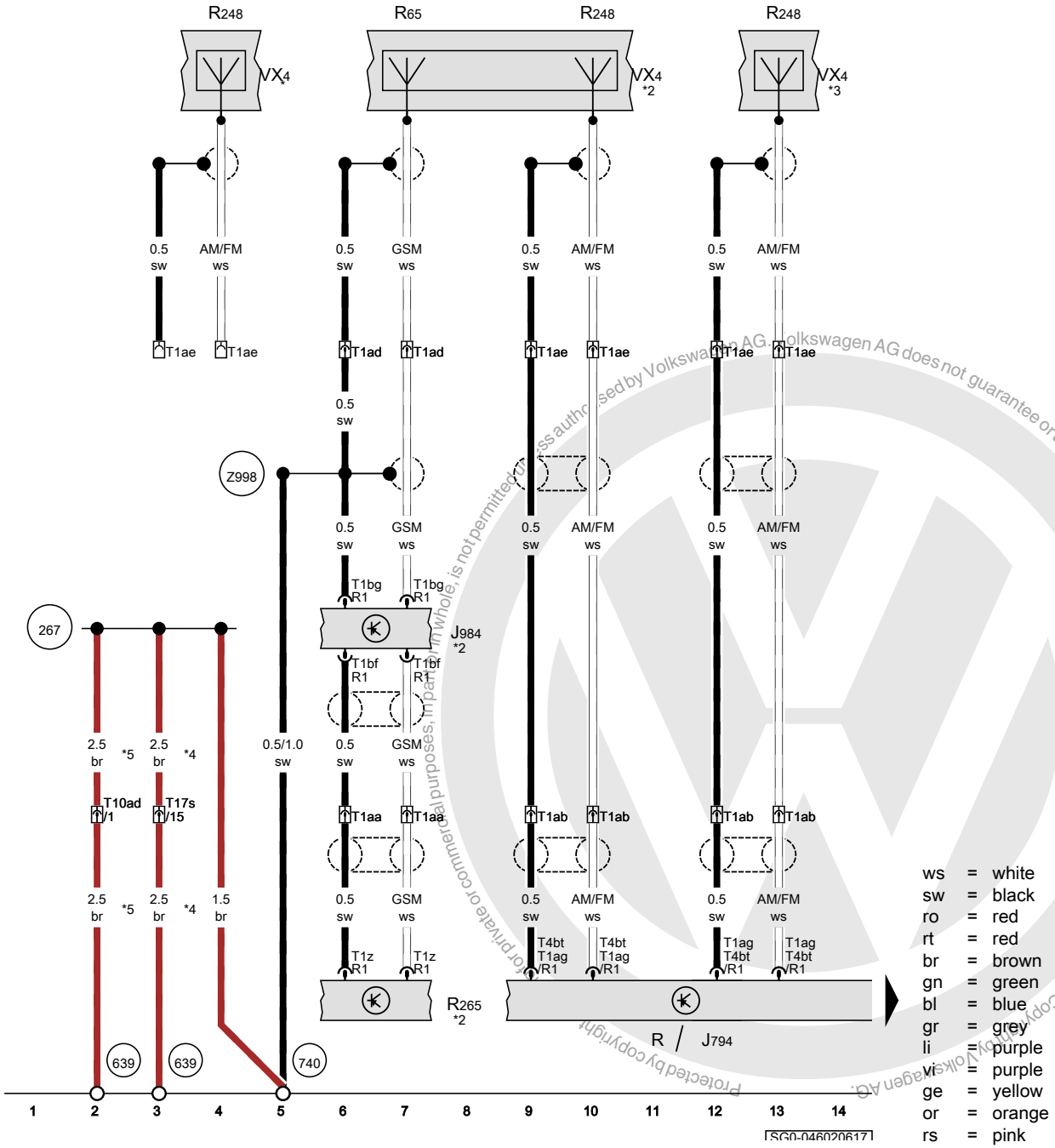

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Control unit 1 for information electronics, Two-way signal amplifier for mobile telephone/data services, Radio, Aerial connection, Telephone aerial, Radio aerial, Storage compartment with interface for mobile telephone, Driver side exterior mirror

J794	Control unit 1 for information electronics
J984	Two-way signal amplifier for mobile telephone/data services
R	Radio
R1	Aerial connection
R65	Telephone aerial
R248	Radio aerial
R265	Storage compartment with interface for mobile telephone
T1aa	1-pin connector, purple, on left A-pillar
T1ab	1-pin connector, white, on left A-pillar
T1ad	1-pin connector, purple, in left door, near exterior mirror
T1ae	1-pin connector, white, in left door, near exterior mirror
T1ag	1-pin connector, white
T1bf	1-pin connector, black
T1bg	1-pin connector, purple
T1z	1-pin connector, purple
T4bt	4-pin connector, white
T10ad	10-pin connector, red, on left A-pillar
T17s	17-pin connector, red, on left A-pillar
VX4	Driver side exterior mirror
267	Earth connection 2, in drive side door wiring harness
639	Earth point, left A-pillar
740	Earth point 2 in front left door
Z998	Wiring screen
*	For models with no radio
*2	For models with mobile telephone/telephone
*3	For models with no telephone/preparation for mobile telephone
*4	From January 2016
*5	Up to January 2016

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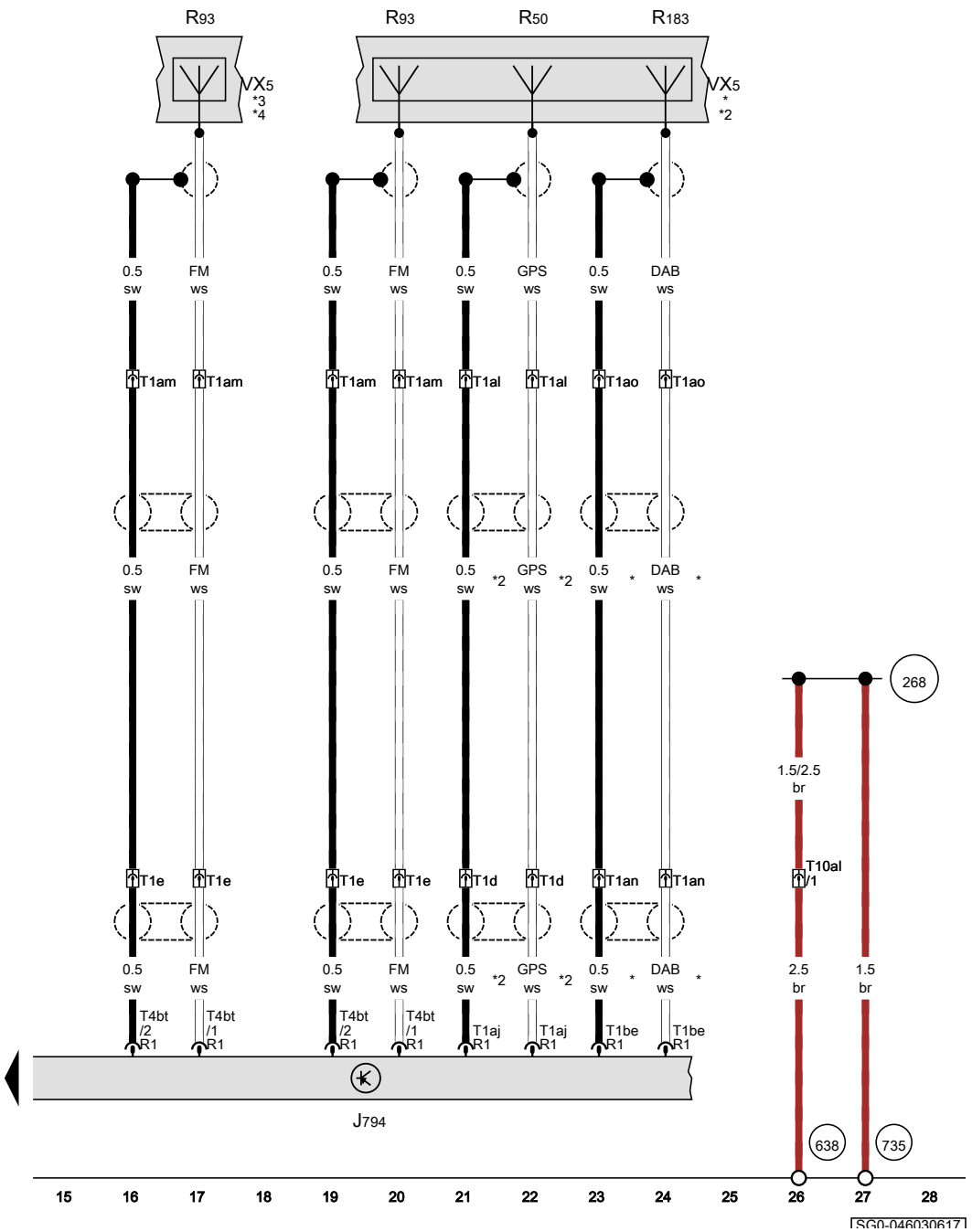

Control unit 1 for information electronics, Aerial connection, GPS aerial, Radio aerial 2, Digital radio aerial, Passenger side exterior mirror

J794	Control unit 1 for information electronics
R1	Aerial connection
R50	GPS aerial
R93	Radio aerial 2
R183	Digital radio aerial
T1aj	1-pin connector, blue
T1al	1-pin connector, blue, in right door, near exterior mirror
T1am	1-pin connector, yellow, in right door, near exterior mirror
T1an	1-pin connector, black, on right A-pillar
T1ao	1-pin connector, black, in right door, near exterior mirror
T1be	1-pin connector, black
T1d	1-pin connector, blue, on right A-pillar
T1e	1-pin connector, yellow, on right A-pillar
T4bt	4-pin connector, white
T10al	10-pin connector, red, on right A-pillar
VX5	Passenger side exterior mirror
268	Earth connection 2, in front passenger side door wiring harness
638	Earth point, on right A-pillar
735	Earth point in front right door
*	For models with digital radio
*2	For models with navigation system
*3	For models with no digital radio
*4	For models with no navigation system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Aerials in exterior mirror , (L0R)

From June 2015

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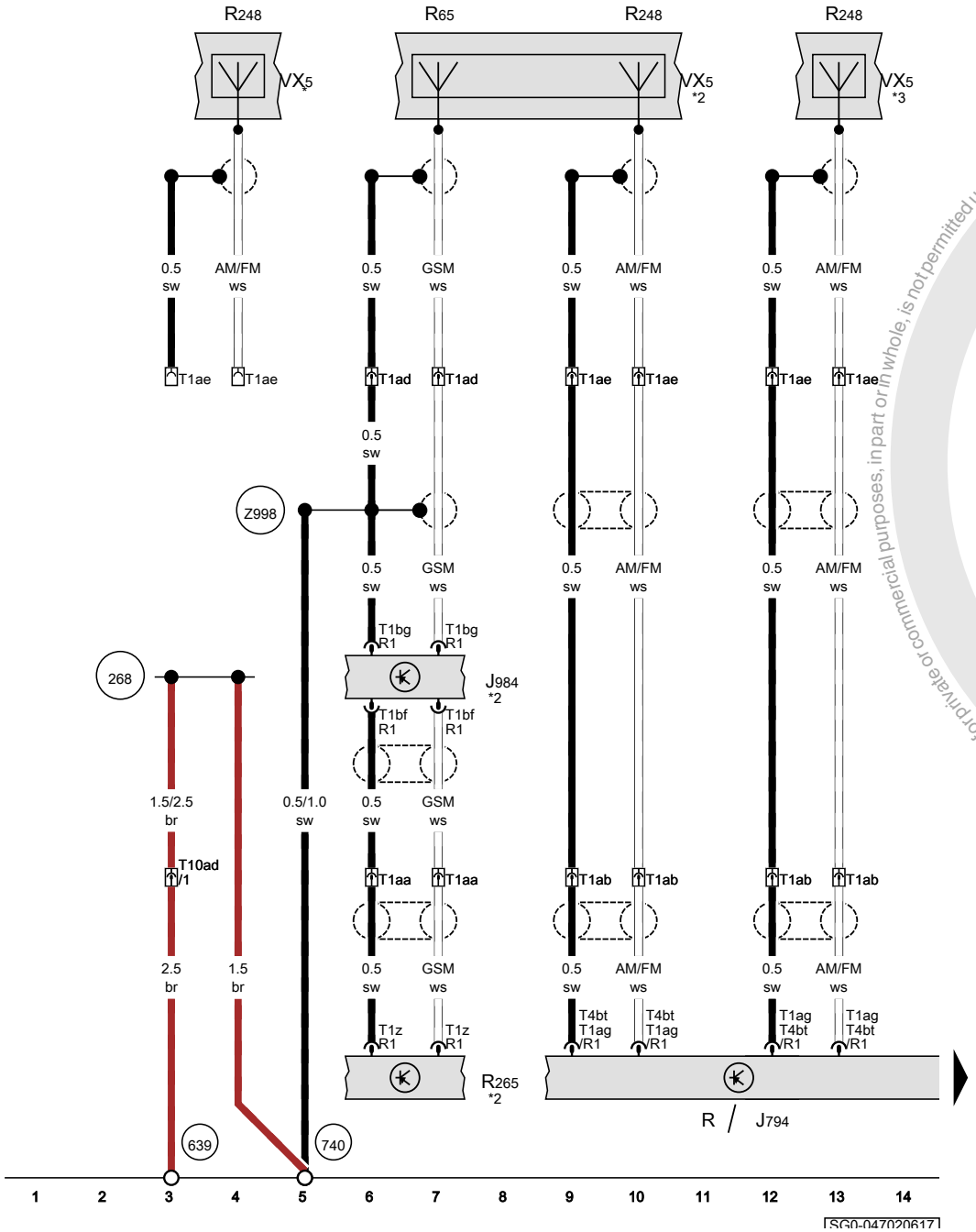

Control unit 1 for information electronics, Two-way signal amplifier for mobile telephone/data services, Radio, Aerial connection, Telephone aerial, Radio aerial, Storage compartment with interface for mobile telephone, Passenger side exterior mirror

J794	Control unit 1 for information electronics
J984	Two-way signal amplifier for mobile telephone/data services
R	Radio
R1	Aerial connection
R65	Telephone aerial
R248	Radio aerial
R265	Storage compartment with interface for mobile telephone
T1aa	1-pin connector, purple, on left A-pillar
T1ab	1-pin connector, white, on left A-pillar
T1ad	1-pin connector, purple, in left door, near exterior mirror
T1ae	1-pin connector, white, in left door, near exterior mirror
T1ag	1-pin connector, white
T1bf	1-pin connector, black
T1bg	1-pin connector, purple
T1z	1-pin connector, purple
T4bt	4-pin connector, white
T10ad	10-pin connector, red, on left A-pillar
VX5	Passenger side exterior mirror
268	Earth connection 2, in front passenger side door wiring harness
639	Earth point, left A-pillar
740	Earth point 2 in front left door
Z998	Wiring screen
*	For models with no radio
*2	For models with mobile telephone/telephone
*3	For models with no telephone/preparation for mobile telephone

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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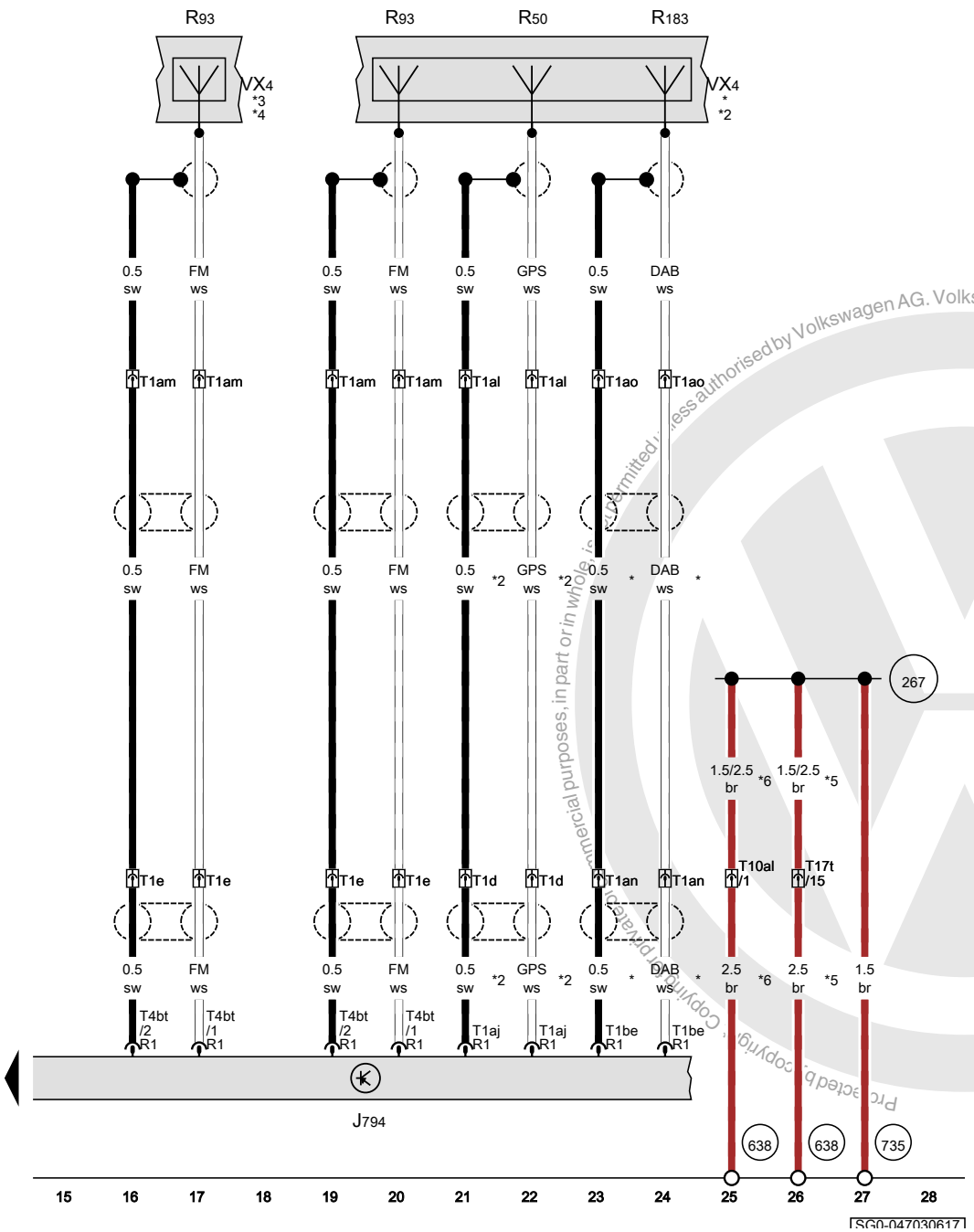

Control unit 1 for information electronics, Aerial connection, GPS aerial, Radio aerial 2, Digital radio aerial, Driver side exterior mirror

J794	Control unit 1 for information electronics
R1	Aerial connection
R50	GPS aerial
R93	Radio aerial 2
R183	Digital radio aerial
T1aj	1-pin connector, blue
T1al	1-pin connector, blue, in right door, near exterior mirror
T1am	1-pin connector, yellow, in right door, near exterior mirror
T1an	1-pin connector, black, on right A-pillar
T1ao	1-pin connector, black, in right door, near exterior mirror
T1be	1-pin connector, black
T1d	1-pin connector, blue, on right A-pillar
T1e	1-pin connector, yellow, on right A-pillar
T4bt	4-pin connector, white
T10al	10-pin connector, red, on right A-pillar
T17t	17-pin connector, red, on right A-pillar
VX4	Driver side exterior mirror
267	Earth connection 2, in drive side door wiring harness
638	Earth point, on right A-pillar
735	Earth point in front right door
*	For models with digital radio
*2	For models with navigation system
*3	For models with no digital radio
*4	For models with no navigation system
*5	From January 2016
*6	Up to January 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Electrically adjustable exterior mirror , (L0L),(4R0)

From June 2015

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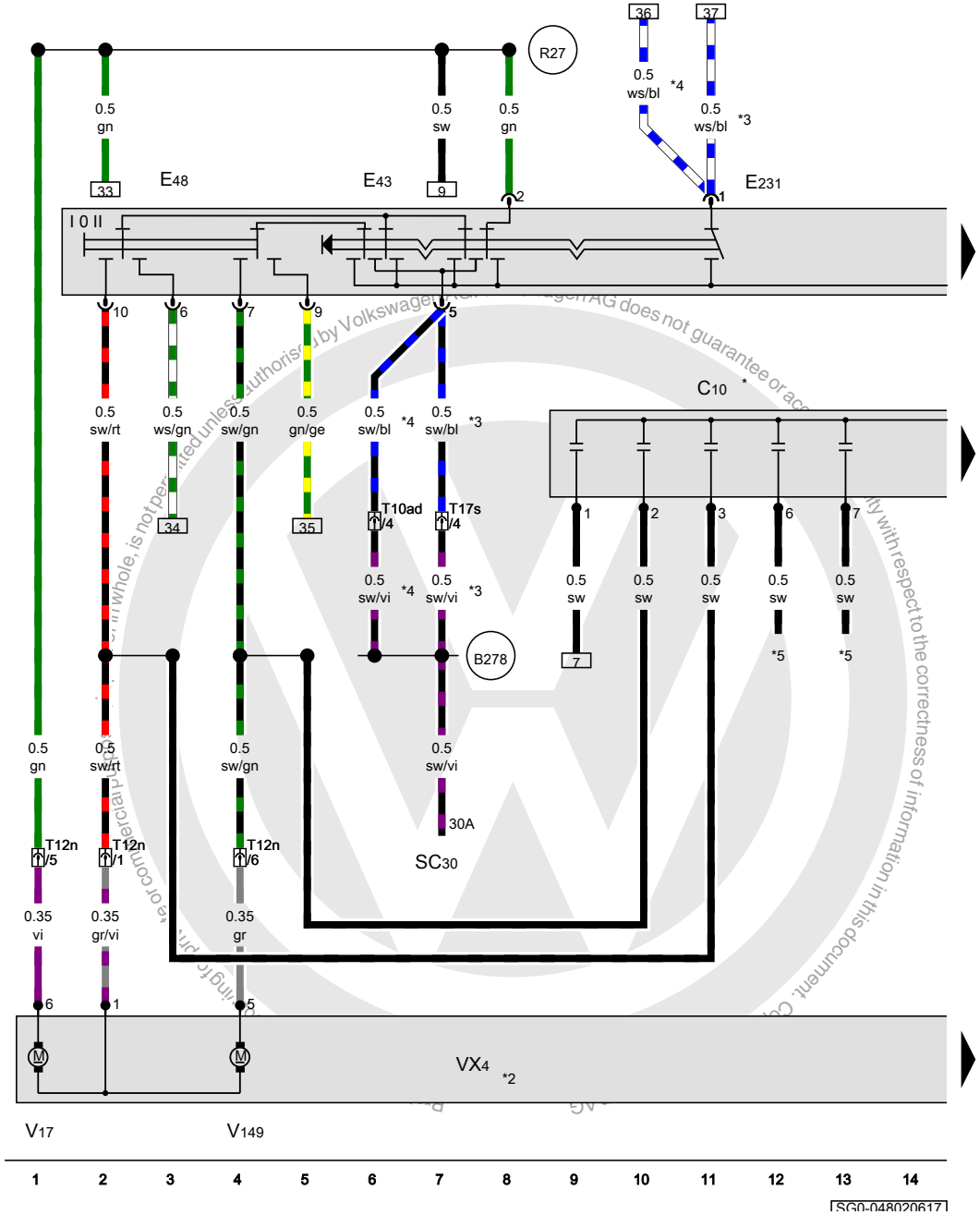
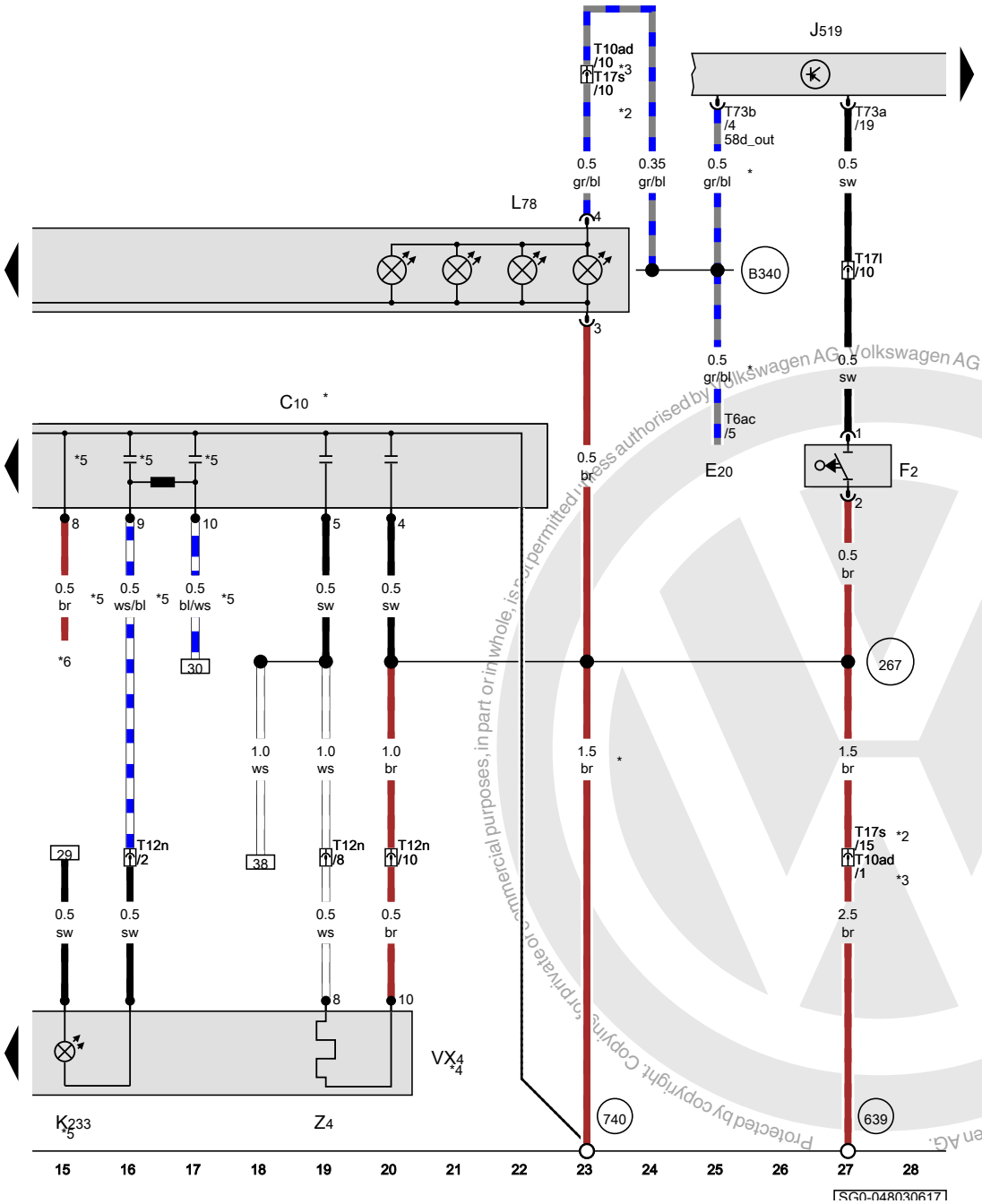
Suppression filter, Mirror adjustment switch, Mirror adjustment changeover switch, Exterior mirror heater button, Fuse 30 on fuse holder C



C10	Suppression filter, in front left door
E43	Mirror adjustment switch
E48	Mirror adjustment changeover switch
E231	Exterior mirror heater button
SC30	Fuse 30 on fuse holder C
T10ad	10-pin connector, red, on left A-pillar
T12n	12-pin connector, brown, in driver door
T17s	17-pin connector, red, on left A-pillar
VX4	Driver side exterior mirror
V17	Driver side mirror adjustment motor 2
V149	Driver side mirror adjustment motor
B278	Positive connection 2 (15a) in main wiring harness
R27	Connection (mirror adjustment), in driver door wiring harness
*	According to equipment
*2	For models with no central locking
*3	From January 2016
*4	Up to January 2016
*5	Wiring open end

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Switch and instrument illumination regulator, Driver door contact switch, Onboard supply control unit, Lane change assist warning lamp in driver side exterior mirror, Heated exterior mirror on driver side

C10	Suppression filter, in front left door
E20	Switch and instrument illumination regulator
F2	Driver door contact switch
J519	Onboard supply control unit
K233	Lane change assist warning lamp in driver side exterior mirror
L78	Mirror adjustment switch illumination bulb
T6ac	6-pin connector, black
T10ad	10-pin connector, red, on left A-pillar
T12n	12-pin connector, brown, in driver door
T17l	17-pin connector, black, on left A-pillar
T17s	17-pin connector, red, on left A-pillar
T73a	73-pin connector, black
T73b	73-pin connector, white
VX4	Driver side exterior mirror
Z4	Heated exterior mirror on driver side
267	Earth connection 2, in drive side door wiring harness
639	Earth point, left A-pillar
740	Earth point 2 in front left door
B340	Connection 1 (58d), in main wiring harness
*	According to equipment
*2	From January 2016
*3	Up to January 2016
*4	For models with no central locking
*5	For models with lane change assist
*6	Wiring open end

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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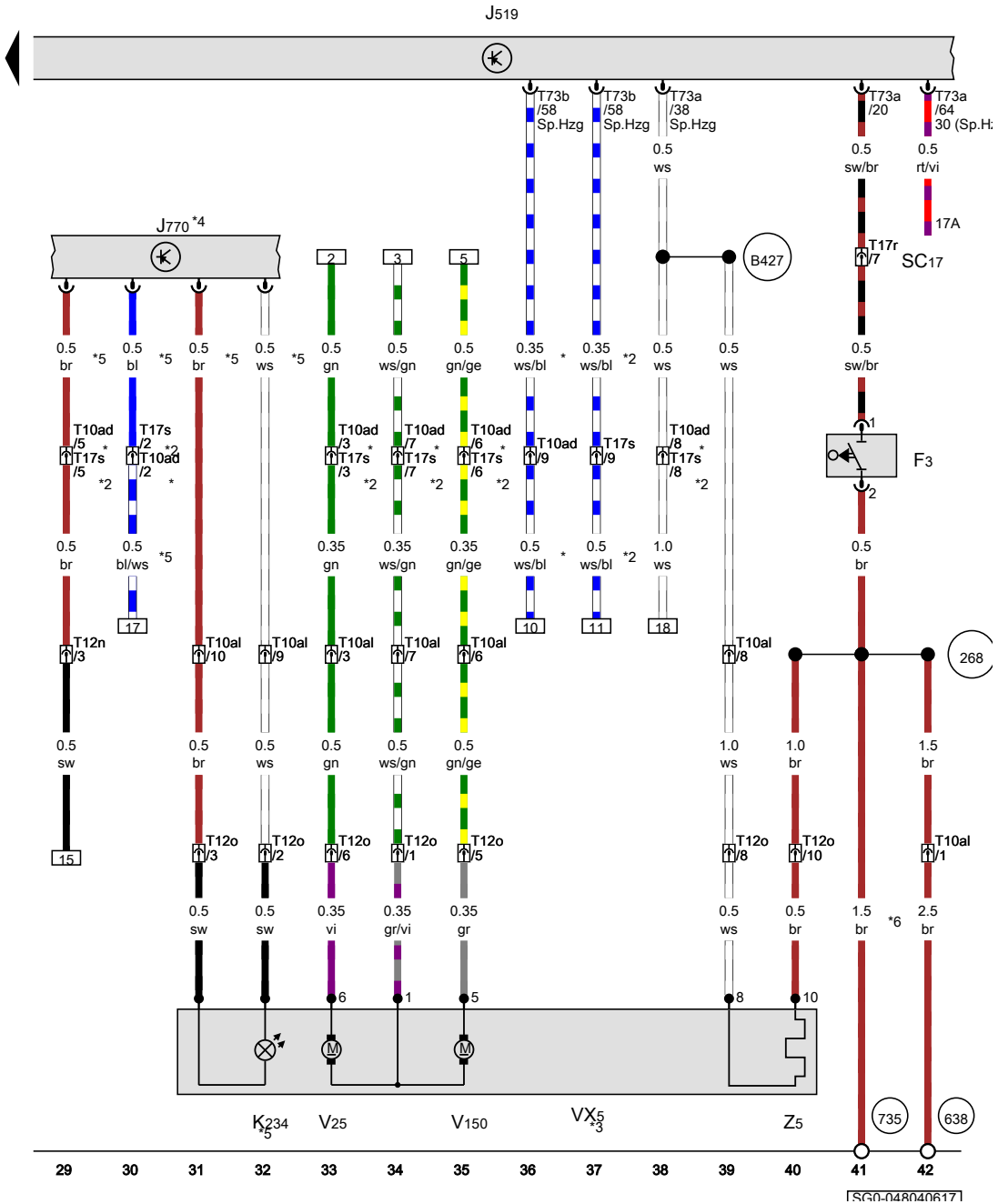

Front passenger door contact switch, Onboard supply control unit, Fuse 17 on fuse holder C

F3	Front passenger door contact switch
J519	Onboard supply control unit
J770	Lane change assist control unit 2
K234	Lane change assist warning lamp in passenger side exterior mirror
SC17	Fuse 17 on fuse holder C
T10ad	10-pin connector, red, on left A-pillar
T10al	10-pin connector, red, on right A-pillar
T12n	12-pin connector, brown, in driver door
T12o	12-pin connector, brown, in front passenger door
T17r	17-pin connector, black, on right A-pillar
T17s	17-pin connector, red, on left A-pillar
T73a	73-pin connector, black
T73b	73-pin connector, white
VX5	Passenger side exterior mirror
V25	Front passenger side mirror adjustment motor 2
V150	Front passenger side mirror adjustment motor
Z5	Heated exterior mirror on passenger side
268	Earth connection 2, in front passenger side door wiring harness
638	Earth point, on right A-pillar
735	Earth point in front right door
B427	Connection 1 (mirror signal), in main wiring harness
*	Up to January 2016
*2	From January 2016
*3	For models with no central locking
*4	see applicable current flow diagram for lane change assist
*5	For models with lane change assist
*6	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Electric sliding door with power latching system , (GX5),(GZ5)

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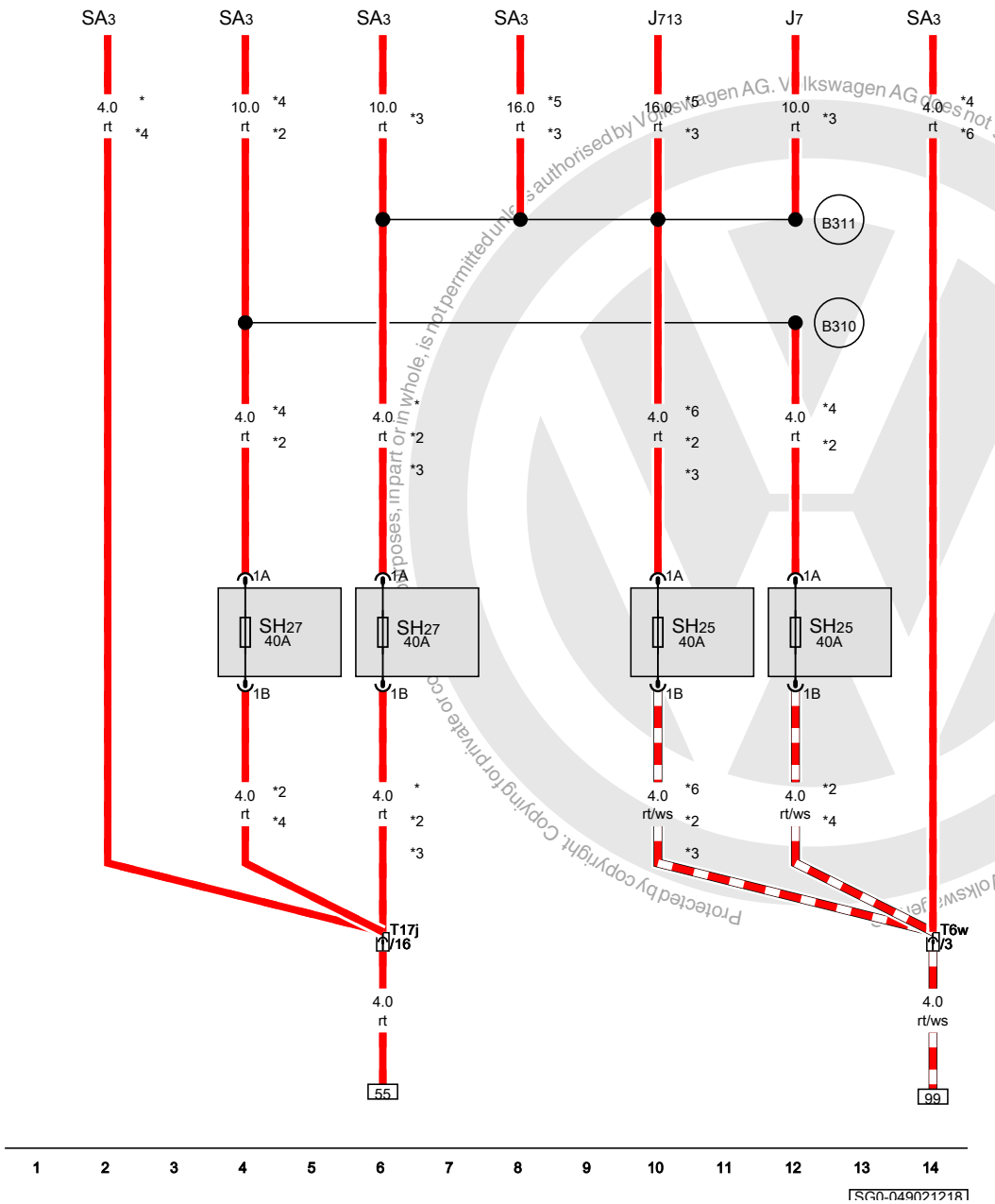
Battery isolation relay, Second battery charging circuit relay, Fuse 25 in fuse holder H, Fuse 27 in fuse holder H



J7	Battery isolation relay
J713	Second battery charging circuit relay
SA3	Fuse 3 on fuse holder A
SH25	Fuse 25 in fuse holder H
SH27	Fuse 27 in fuse holder H
T6w	6-pin connector, light pink, under seat on front right
T17j	17-pin connector, white, under seat on front left
B310	Positive connection 14 (30), in main wiring harness
B311	Positive connection 15 (30), in main wiring harness
*	For models with left sliding door
*2	For models with left and right sliding doors
*3	For models with second battery
*4	For models with no second battery
*5	For models with battery for special vehicles
*6	For models with right sliding door

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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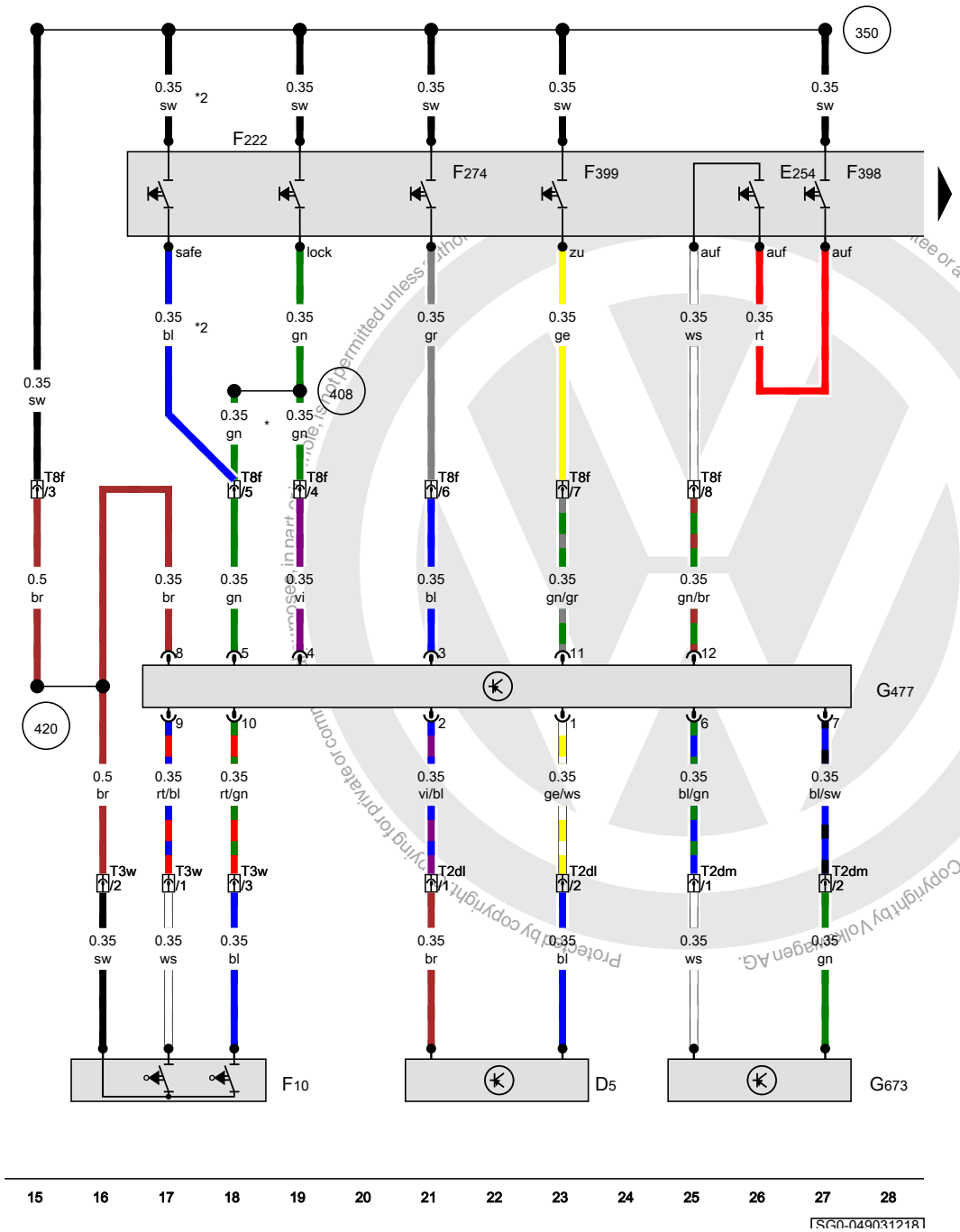

Rear left door contact switch, Rear left central locking lock unit, Sliding door sender unit

D5	Sliding door solenoid coil
E254	Childproof lock switch
F10	Rear left door contact switch
F222	Rear left central locking lock unit
F274	Rear left exterior door handle switch
F398	Rear left interior door handle switch (unlock door)
F399	Rear left interior door handle switch (lock door)
G477	Sliding door sender unit
G673	Anti-trapping sender
T2dl	2-pin connector, black, in left sliding door
T2dm	2-pin connector, black, in left sliding door
T3w	3-pin connector, black, in left sliding door
T8f	8-pin connector, black, in left sliding door
350	Earth connection 2, in rear left door wiring harness
408	Earth connection 3, in rear left door wiring harness
420	Earth connection 1, in left sliding door wiring harness
*	For models with no SAFELOCK function
*2	For models with SAFELOCK function

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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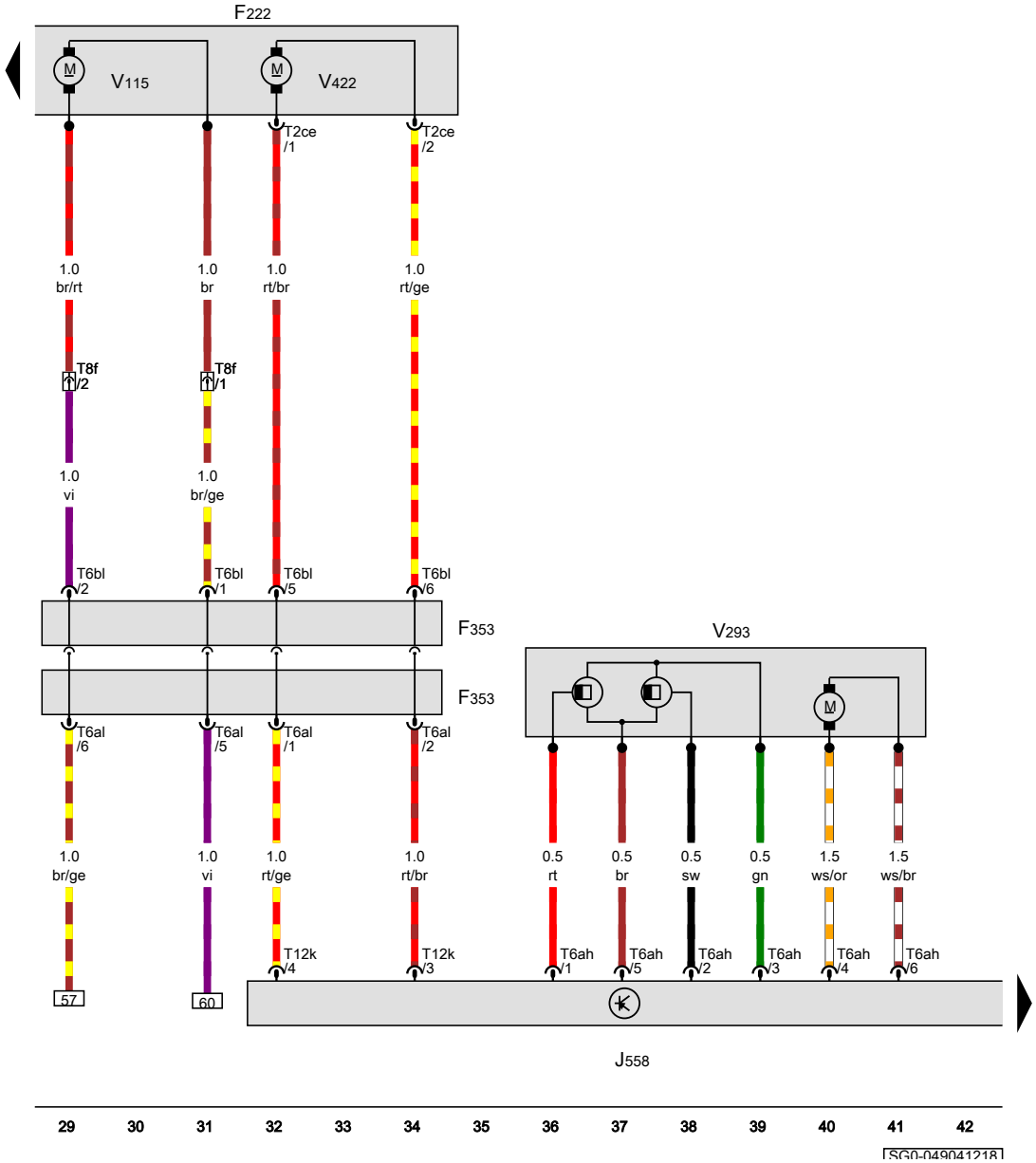
Rear left central locking lock unit, Contact strip in left sliding door, Left sliding door control unit, Sliding door opening motor

F222	Rear left central locking lock unit
F353	Contact strip in left sliding door
J558	Left sliding door control unit
T2ce	2-pin connector, black
T6ah	6-pin connector, light brown
T6al	6-pin connector, Contact holder, left sliding door
T6bl	6-pin connector, Contact holder, left sliding door
T8f	8-pin connector, black, in left sliding door
T12k	12-pin connector, black
V115	Rear left door central locking motor
V293	Sliding door opening motor
V422	Rear left rotary latch motor



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gn	=	green
bl	=	blue
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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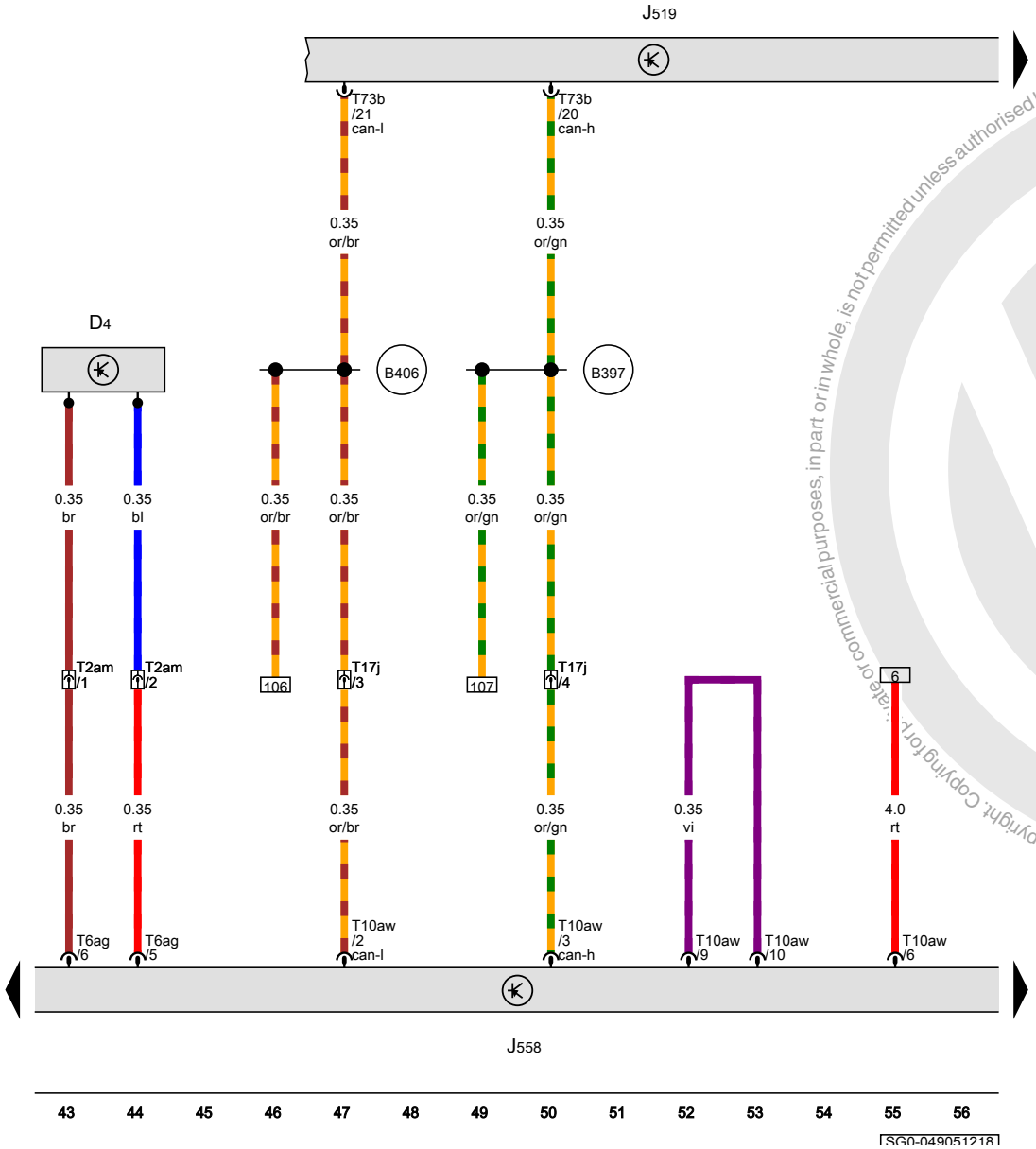
Sliding door reader coil, Onboard supply control unit, Left sliding door control unit

D4	Sliding door reader coil
J519	Onboard supply control unit
J558	Left sliding door control unit
T2am	2-pin connector, black, under roof, near left B-pillar
T6ag	6-pin connector, black
T10aw	10-pin connector, black
T17j	17-pin connector, white, under seat on front left
T73b	73-pin connector, white
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness



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gn	=	green
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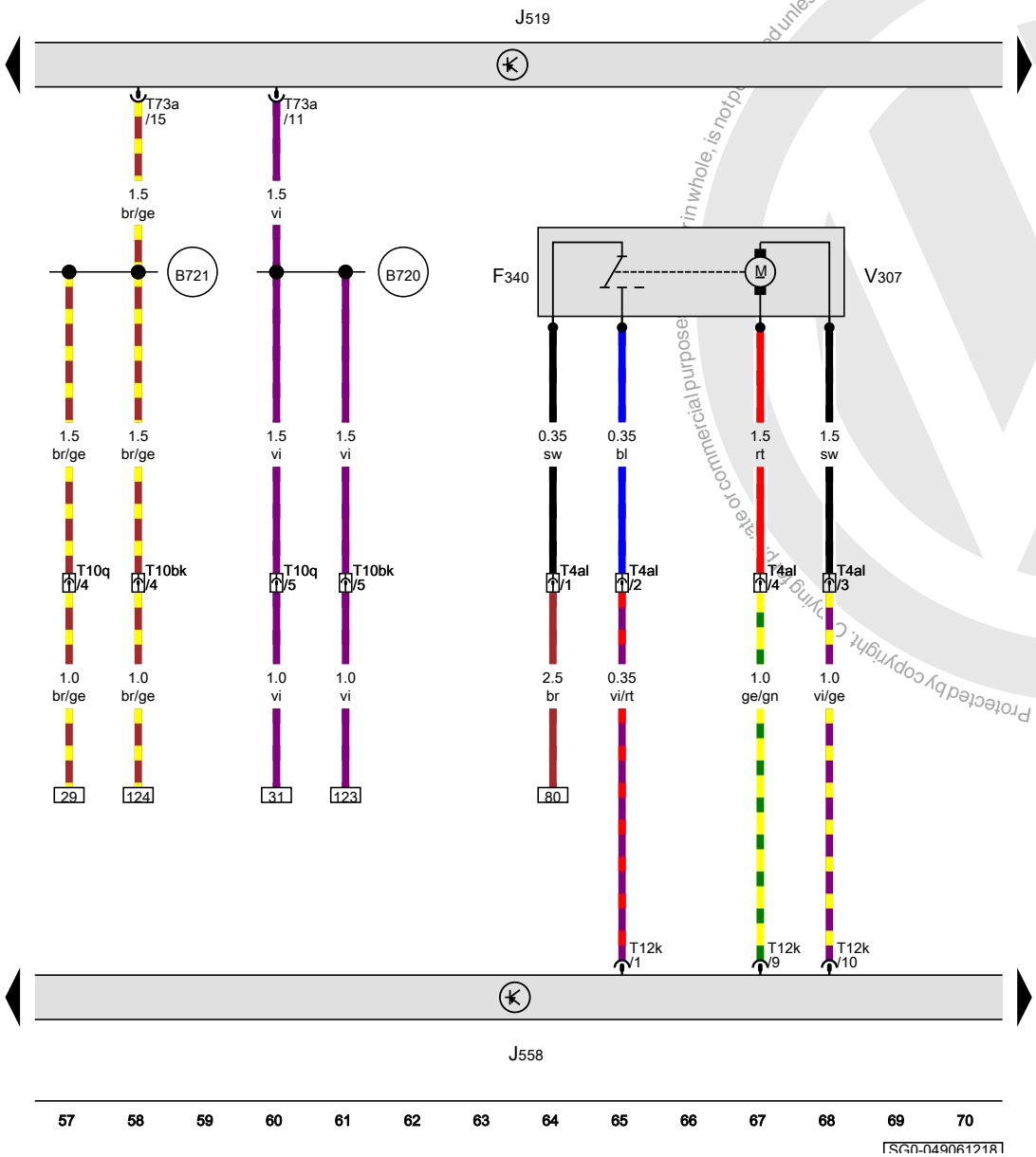
Onboard supply control unit, Left sliding door control unit, Rear left power latching motor

F340	Rear left door power latching system contact switch
J519	Onboard supply control unit
J558	Left sliding door control unit
T4al	4-pin connector, black, in rear left side panel
T10bk	10-pin connector, grey, under seat on front right
T10q	10-pin connector, green, under driver seat
T12k	12-pin connector, black
T73a	73-pin connector, black
V307	Rear left power latching motor
B720	Connection 1 (central locking), in main wiring harness
B721	Connection 2 (central locking), in main wiring harness



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ge	=	yellow
or	=	orange
rs	=	pink

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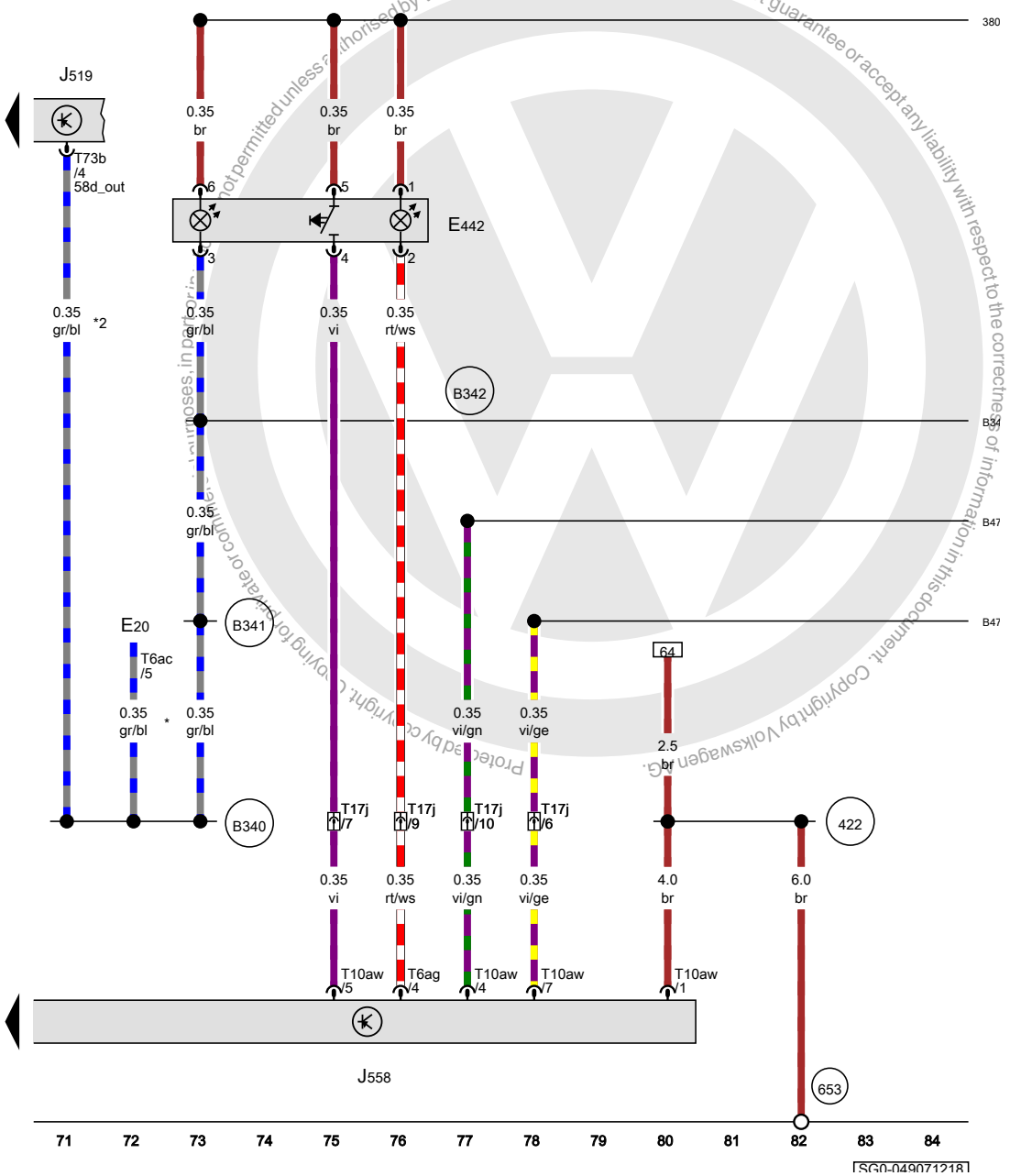

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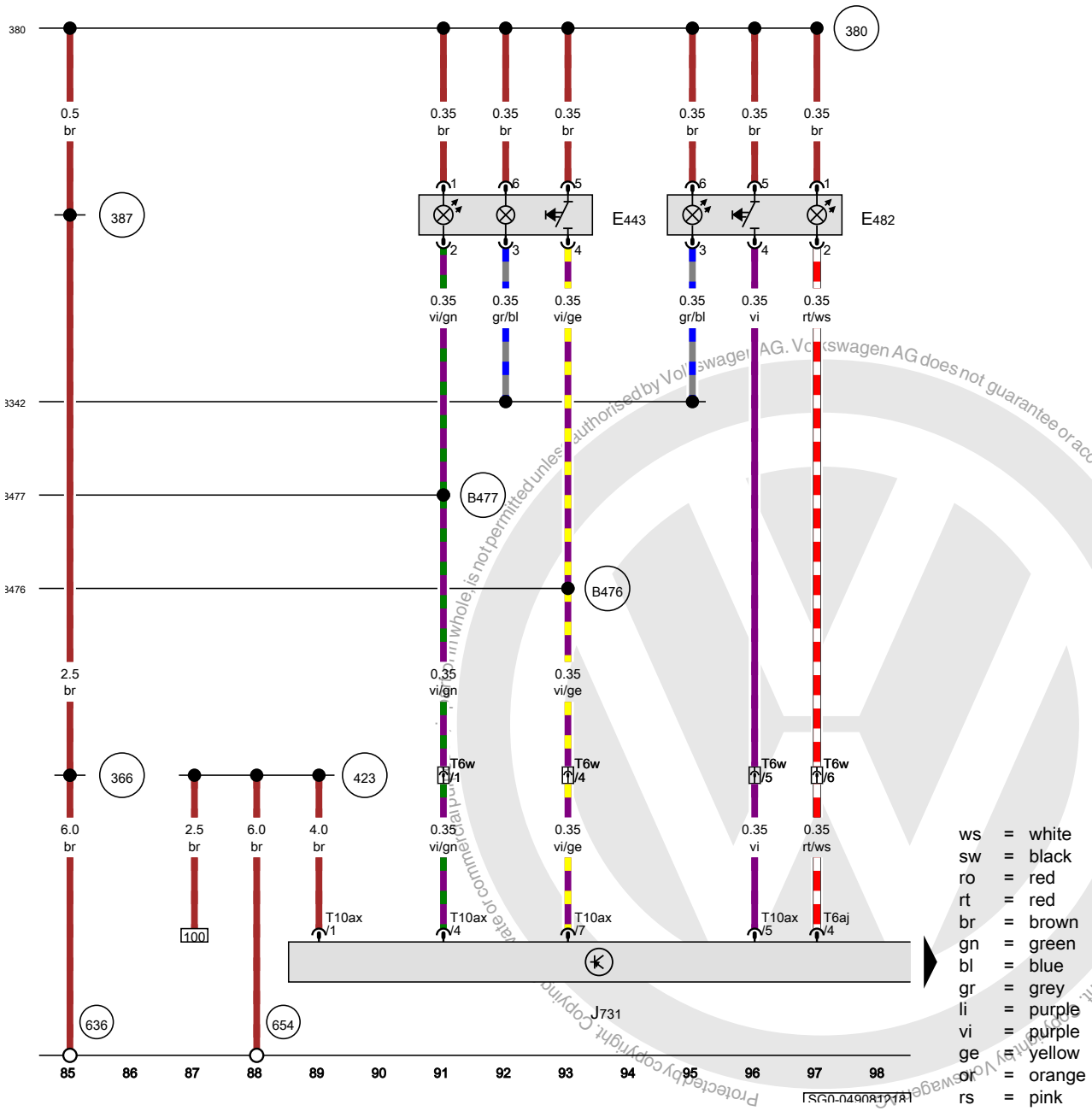
Sliding door button, Onboard supply control unit, Left sliding door control unit

E20	Switch and instrument illumination regulator
E442	Sliding door button
J519	Onboard supply control unit
J558	Left sliding door control unit
T6ac	6-pin connector, black
T6ag	6-pin connector, black
T10aw	10-pin connector, black
T17j	17-pin connector, white, under seat on front left
T73b	73-pin connector, white
380	Earth connection 15, in main wiring harness
422	Earth connection 1, in left rear end wiring harness
653	Earth point, on left D-pillar
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B342	Connection 3 (58d), in main wiring harness
B476	Connection 12, in main wiring harness
B477	Connection 13, in main wiring harness
*	For models with dimmable instrument illumination
*2	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Button to deactivate sliding door, Right sliding door button, Right sliding door control unit



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sw	=	black
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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

E443	Button to deactivate sliding door
E482	Right sliding door button
J731	Right sliding door control unit
T6aj	6-pin connector, black
T6w	6-pin connector, light pink, under seat on front right
T10ax	10-pin connector, black
366	Earth connection 1, in main wiring harness
380	Earth connection 15, in main wiring harness
387	Earth connection 22, in main wiring harness
423	Earth connection 1, in right rear end wiring harness
636	Earth point, onboard supply control unit
654	Earth point, on right D-pillar
B342	Connection 3 (58d), in main wiring harness
B476	Connection 12, in main wiring harness
B477	Connection 13, in main wiring harness

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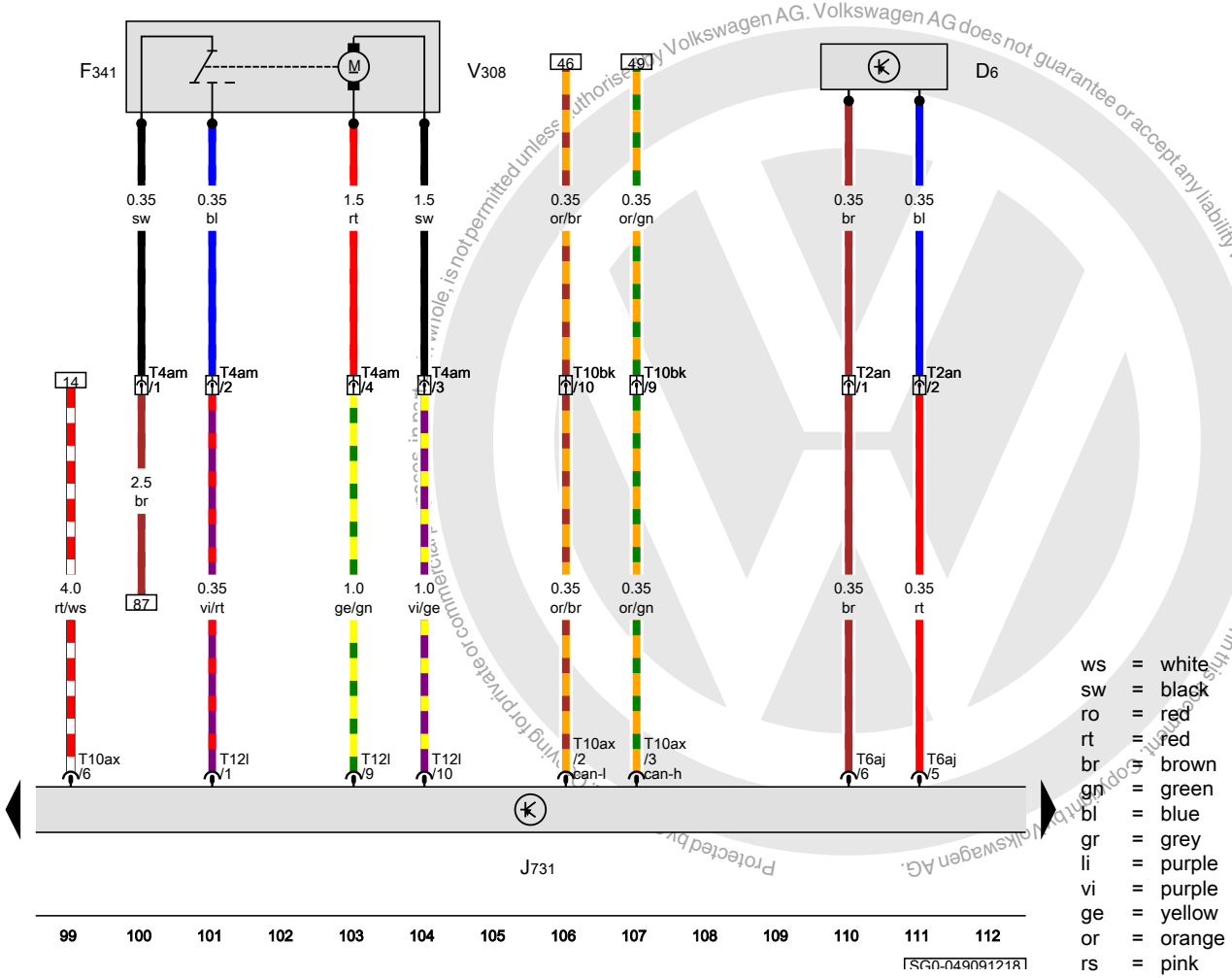
Right sliding door reader coil, Rear right door power latching system contact switch, Right sliding door control unit, Rear right power latching motor

D6	Right sliding door reader coil
F341	Rear right door power latching system contact switch
J731	Right sliding door control unit
T2an	2-pin connector, black, under roof, near right B-pillar
T4am	4-pin connector, in rear right side panel, black, in rear right side panel
T6aj	6-pin connector, black
T10ax	10-pin connector, black
T10bk	10-pin connector, grey, under seat on front right
T12l	12-pin connector, black
V308	Rear right power latching motor



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gn	=	green
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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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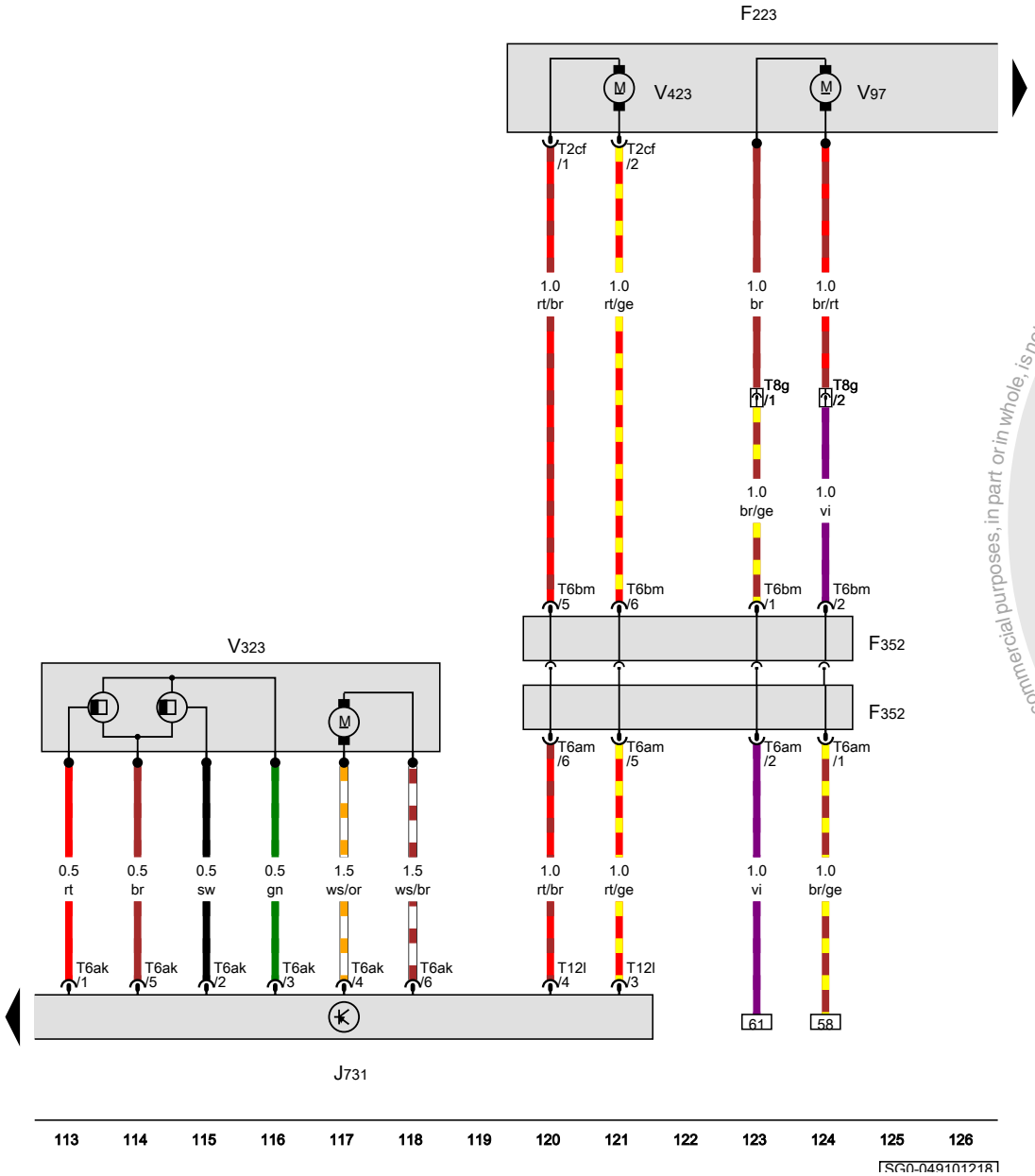
Rear right central locking lock unit, Contact strip in right sliding door, Right sliding door control unit, Rear right door central locking motor, Motor to open right sliding door, Rear right rotary latch motor



F223	Rear right central locking lock unit
F352	Contact strip in right sliding door
J731	Right sliding door control unit
T2cf	2-pin connector, black
T6ak	6-pin connector, light brown
T6am	6-pin connector, Contact holder, right sliding door
T6bm	6-pin connector, Contact holder, right sliding door
T8g	8-pin connector, black, in right sliding door
T12l	12-pin connector, black
V97	Rear right door central locking motor
V323	Motor to open right sliding door
V423	Rear right rotary latch motor

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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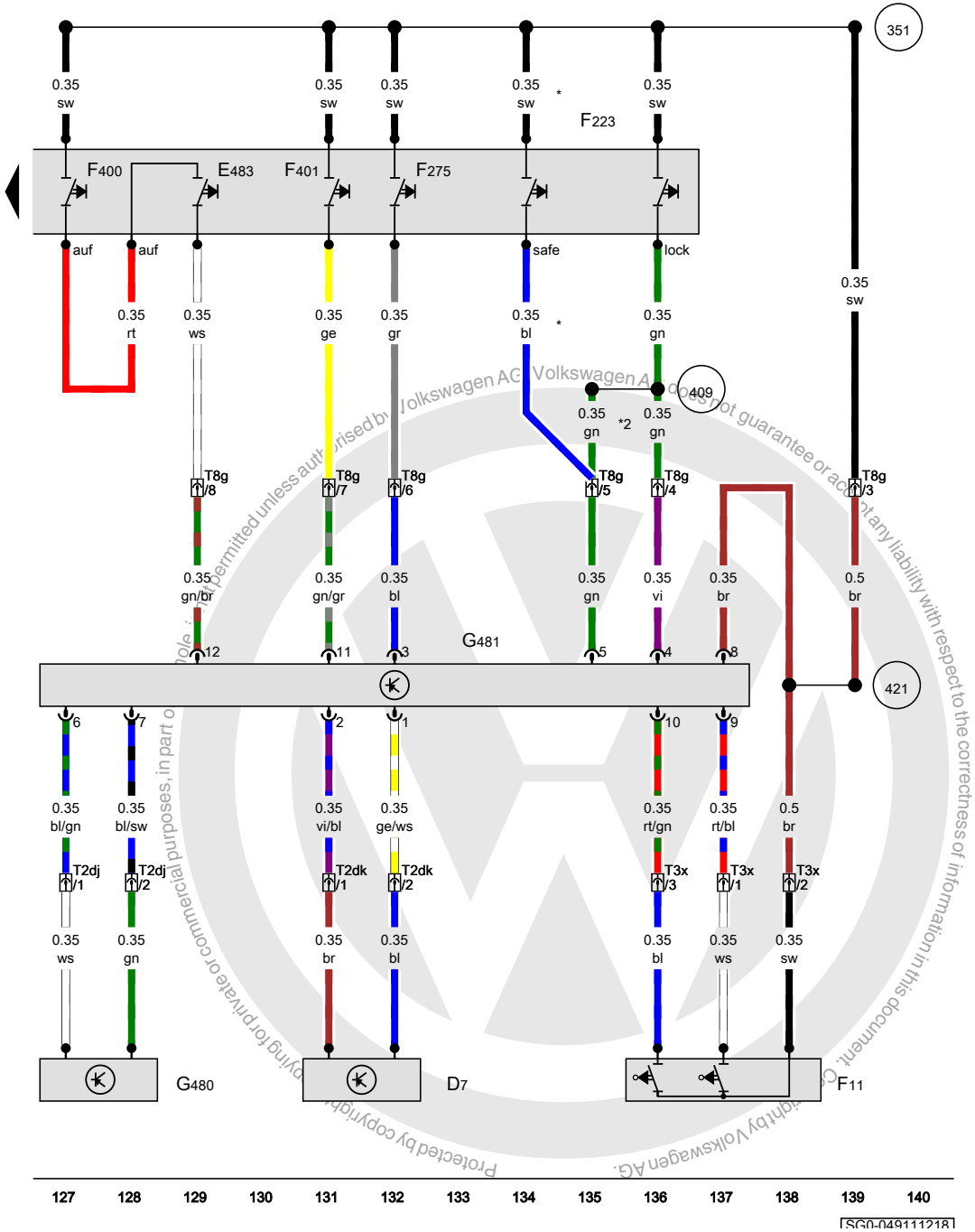

Right sliding door solenoid coil, Right childproof lock switch, Rear right door contact switch, Rear right central locking lock unit, Rear right exterior door handle switch, Rear right interior door handle switch (unlock door), Rear right interior door handle switch (lock door), Right anti-trapping sensor, Right electric sliding door sender unit

D7	Right sliding door solenoid coil
E483	Right childproof lock switch
F11	Rear right door contact switch
F223	Rear right central locking lock unit
F275	Rear right exterior door handle switch
F400	Rear right interior door handle switch (unlock door)
F401	Rear right interior door handle switch (lock door)
G480	Right anti-trapping sensor
G481	Right electric sliding door sender unit
T2dj	2-pin connector, black, in right sliding door
T2dk	2-pin connector, black, in right sliding door
T3x	3-pin connector, black, in right sliding door
T8g	8-pin connector, black, in right sliding door
351	Earth connection 2, in rear right door wiring harness
409	Earth connection 3, in rear right door wiring harness
421	Earth connection 1, in right sliding door wiring harness
*	For models with SAFELOCK function
*2	For models with no SAFELOCK function

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Power latching system for sliding doors , (GX3),(GZ3)

From June 2015

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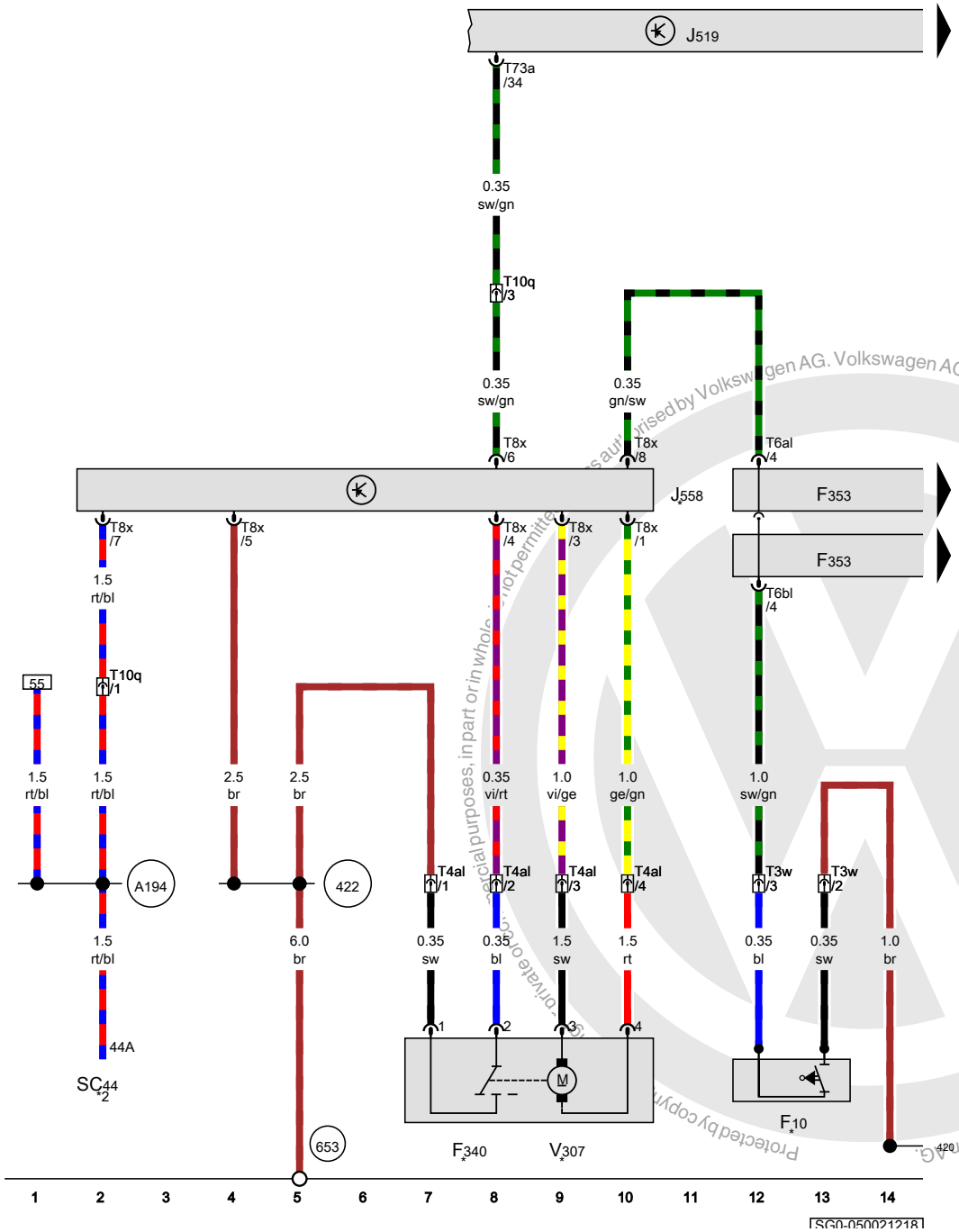

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Rear left door contact switch, Rear left door power latching system contact switch, Contact strip in left sliding door, Onboard supply control unit, Left sliding door control unit, Fuse 44 on fuse holder C, Rear left power latching motor

F10	Rear left door contact switch
F340	Rear left door power latching system contact switch
F353	Contact strip in left sliding door
J519	Onboard supply control unit
J558	Left sliding door control unit
SC44	Fuse 44 on fuse holder C
T3w	3-pin connector, black, in left sliding door
T4al	4-pin connector, black, in rear left side panel
T6al	6-pin connector, Contact holder, left sliding door
T6bl	6-pin connector, Contact holder, left sliding door
T8x	8-pin connector, black
T10q	10-pin connector, green, under driver seat
T73a	73-pin connector, black
V307	Rear left power latching motor
420	Earth connection 1, in left sliding door wiring harness
422	Earth connection 1, in left rear end wiring harness
653	Earth point, on left D-pillar
A194	Connection (convenience system) in main wiring harness
*	For models with no electric sliding doors
*2	see applicable current flow diagram for fuse assignment

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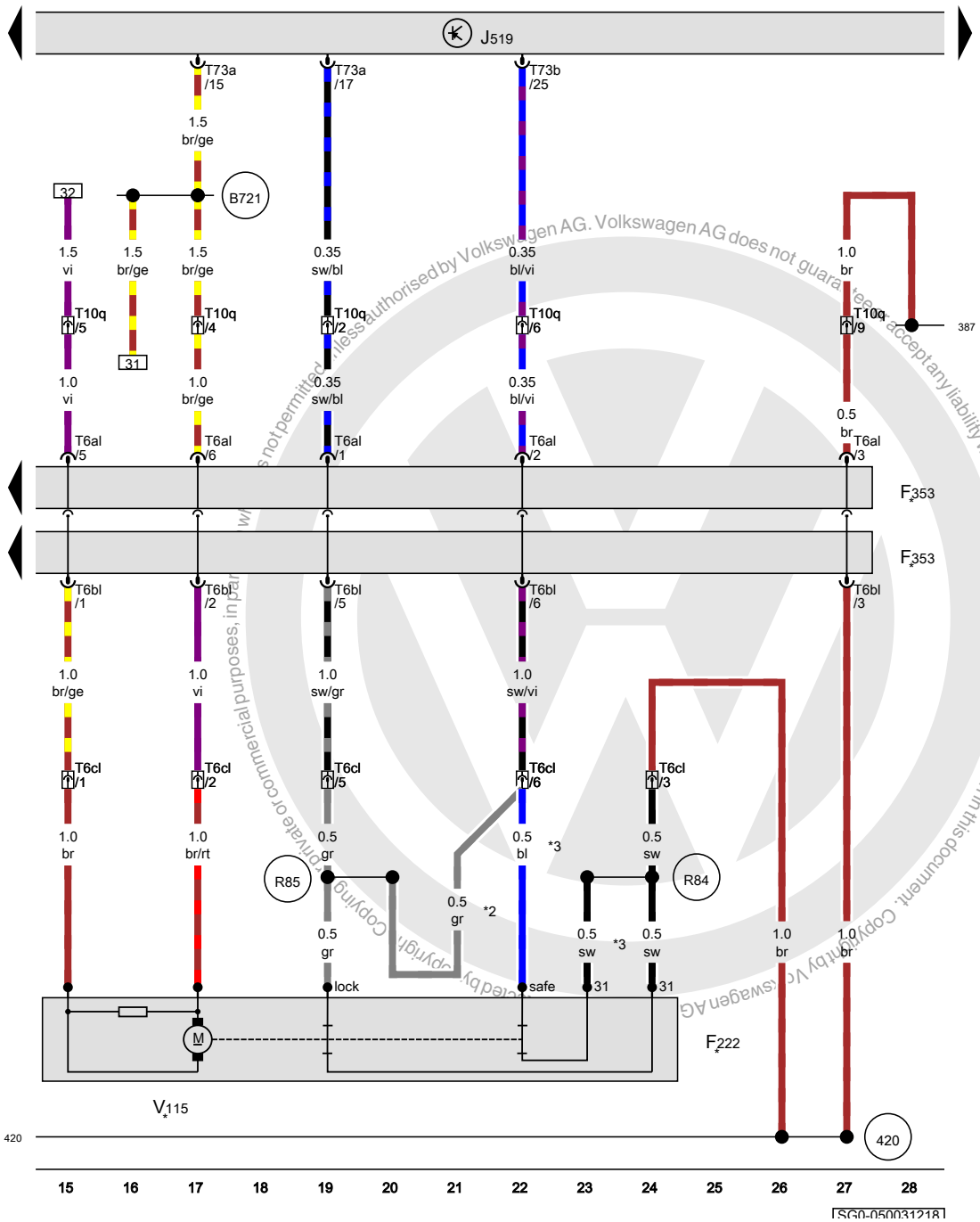

Rear left central locking lock unit, Contact strip in left sliding door, Onboard supply control unit, Rear left door central locking motor

F222	Rear left central locking lock unit
F353	Contact strip in left sliding door
J519	Onboard supply control unit
T6al	6-pin connector, Contact holder, left sliding door
T6bl	6-pin connector, Contact holder, left sliding door
T6cl	6-pin connector, black, in left sliding door
T10q	10-pin connector, green, under driver seat
T73a	73-pin connector, black
T73b	73-pin connector, white
V115	Rear left door central locking motor
387	Earth connection 22, in main wiring harness
420	Earth connection 1, in left sliding door wiring harness
B721	Connection 2 (central locking), in main wiring harness
R84	Connection 1 (central locking), in rear left door wiring harness
R85	Connection 2 (central locking), in rear left door wiring harness
*	For models with no electric sliding doors
*2	For models with no SAFELOCK function
*3	For models with SAFELOCK function

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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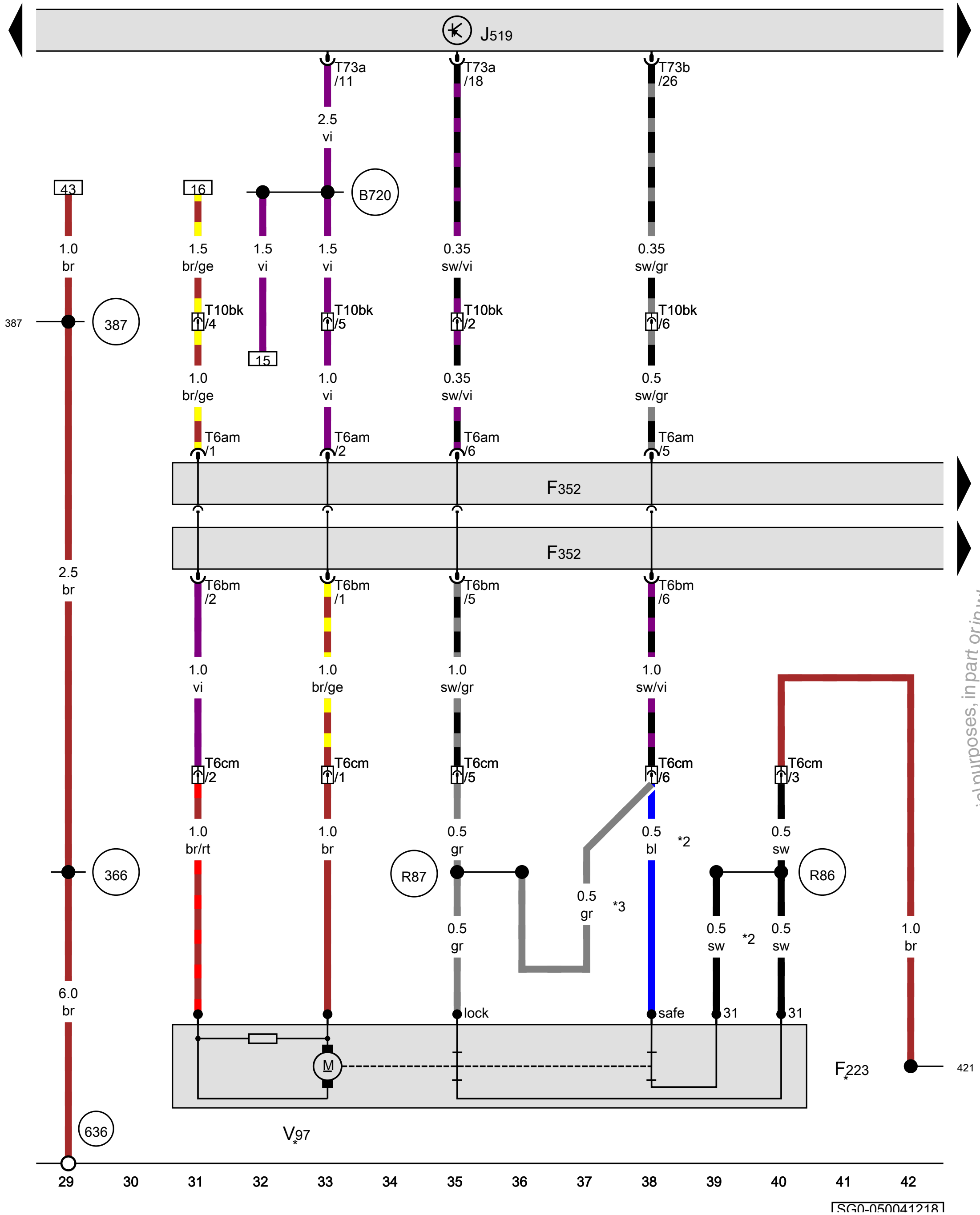

Rear right central locking lock unit, Contact strip in right sliding door, Onboard supply control unit, Rear right door central locking motor

F223	Rear right central locking lock unit
F352	Contact strip in right sliding door
J519	Onboard supply control unit
T6am	6-pin connector, Contact holder, right sliding door
T6bm	6-pin connector, Contact holder, right sliding door
T6cm	6-pin connector, black, in right sliding door
T10bk	10-pin connector, grey, under seat on front right
T73a	73-pin connector, black
T73b	73-pin connector, white
V97	Rear right door central locking motor
366	Earth connection 1, in main wiring harness
387	Earth connection 22, in main wiring harness
421	Earth connection 1, in right sliding door wiring harness
636	Earth point, onboard supply control unit
B720	Connection 1 (central locking), in main wiring harness
R86	Connection 1 (central locking), in rear right door wiring harness
R87	Connection 2 (central locking), in rear right door wiring harness
*	For models with no electric sliding doors
*2	For models with SAFELOCK function
*3	For models with no SAFELOCK function

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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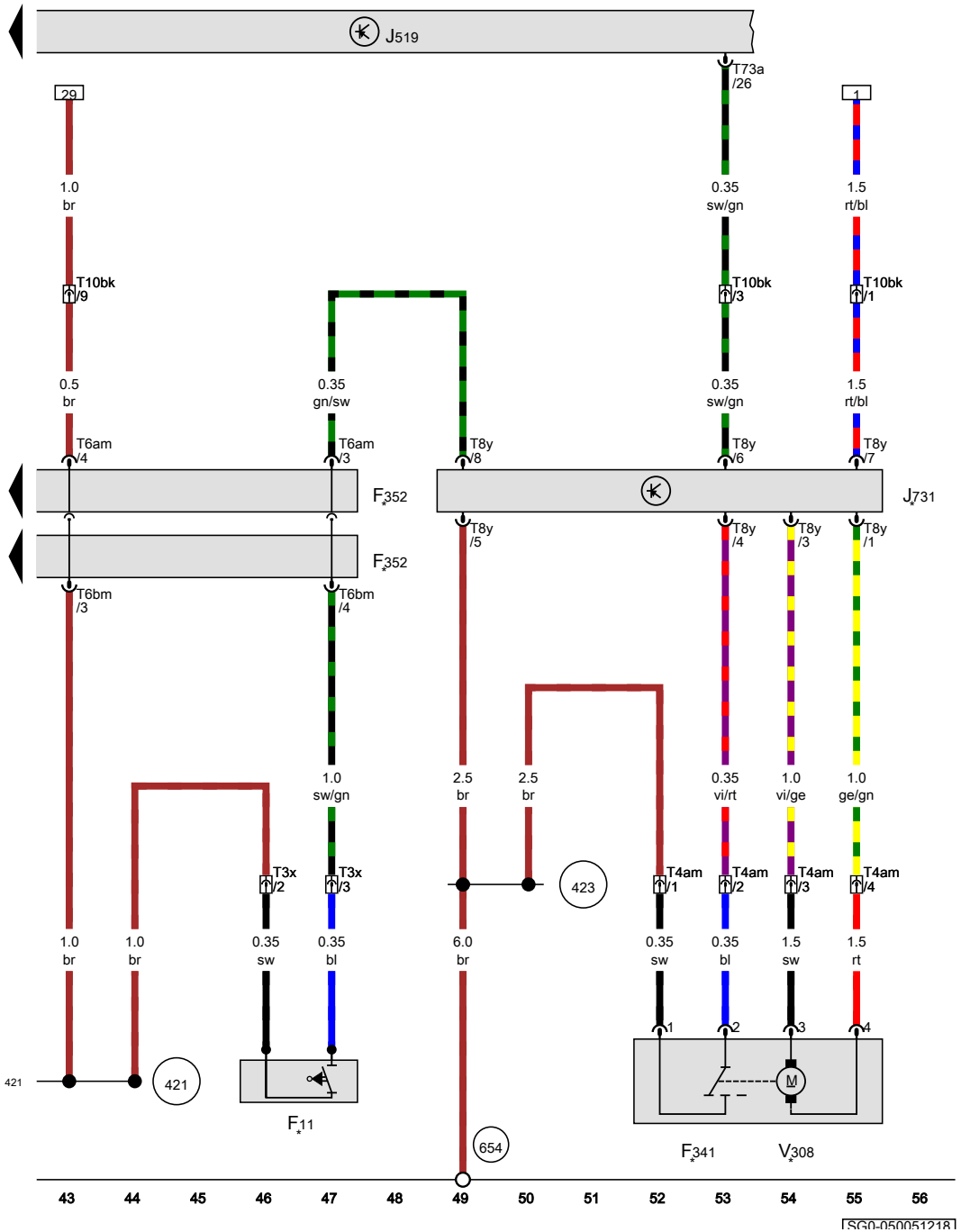

Rear right door contact switch, Rear right door power latching system contact switch, Contact strip in right sliding door, Onboard supply control unit, Right sliding door control unit, Rear right power latching motor

F11	Rear right door contact switch
F341	Rear right door power latching system contact switch
F352	Contact strip in right sliding door
J519	Onboard supply control unit
J731	Right sliding door control unit
T3x	3-pin connector, black, in right sliding door
T4am	4-pin connector, black, in rear right side panel
T6am	6-pin connector, Contact holder, right sliding door
T6bm	6-pin connector, Contact holder, right sliding door
T8y	8-pin connector, black
T10bk	10-pin connector, grey, under seat on front right
T73a	73-pin connector, black
V308	Rear right power latching motor
421	Earth connection 1, in right sliding door wiring harness
423	Earth connection 1, in right rear end wiring harness
654	Earth point, on right D-pillar
*	For models with no electric sliding doors

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
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Seat heating , (L0L),(3E3),(3E7),(3L4),(3L7),(3L8)

From June 2015

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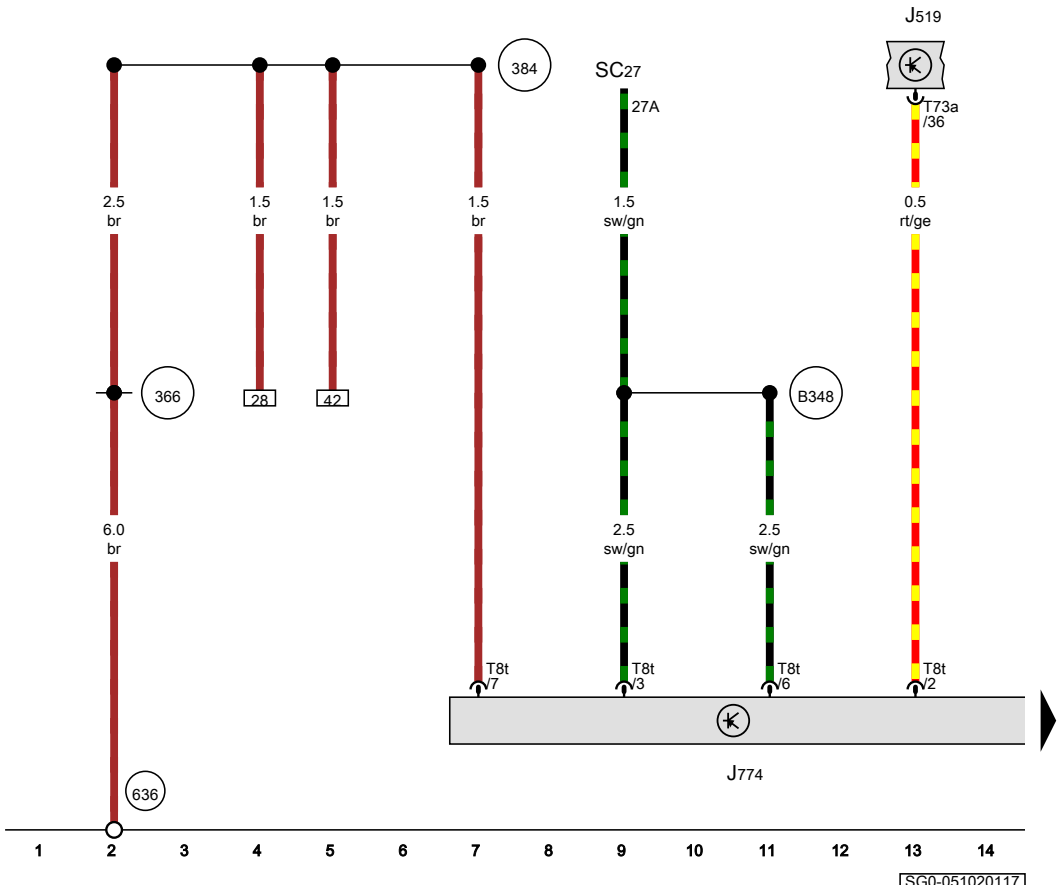
Onboard supply control unit, Heated front seats control unit, Fuse 27 on fuse holder C

J519	Onboard supply control unit
J774	Heated front seats control unit
SC27	Fuse 27 on fuse holder C
T8t	8-pin connector, black
T73a	73-pin connector, black
366	Earth connection 1, in main wiring harness
384	Earth connection 19, in main wiring harness
636	Earth point, onboard supply control unit
B348	Connection 1 (75a), in main wiring harness



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sw	=	black
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gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
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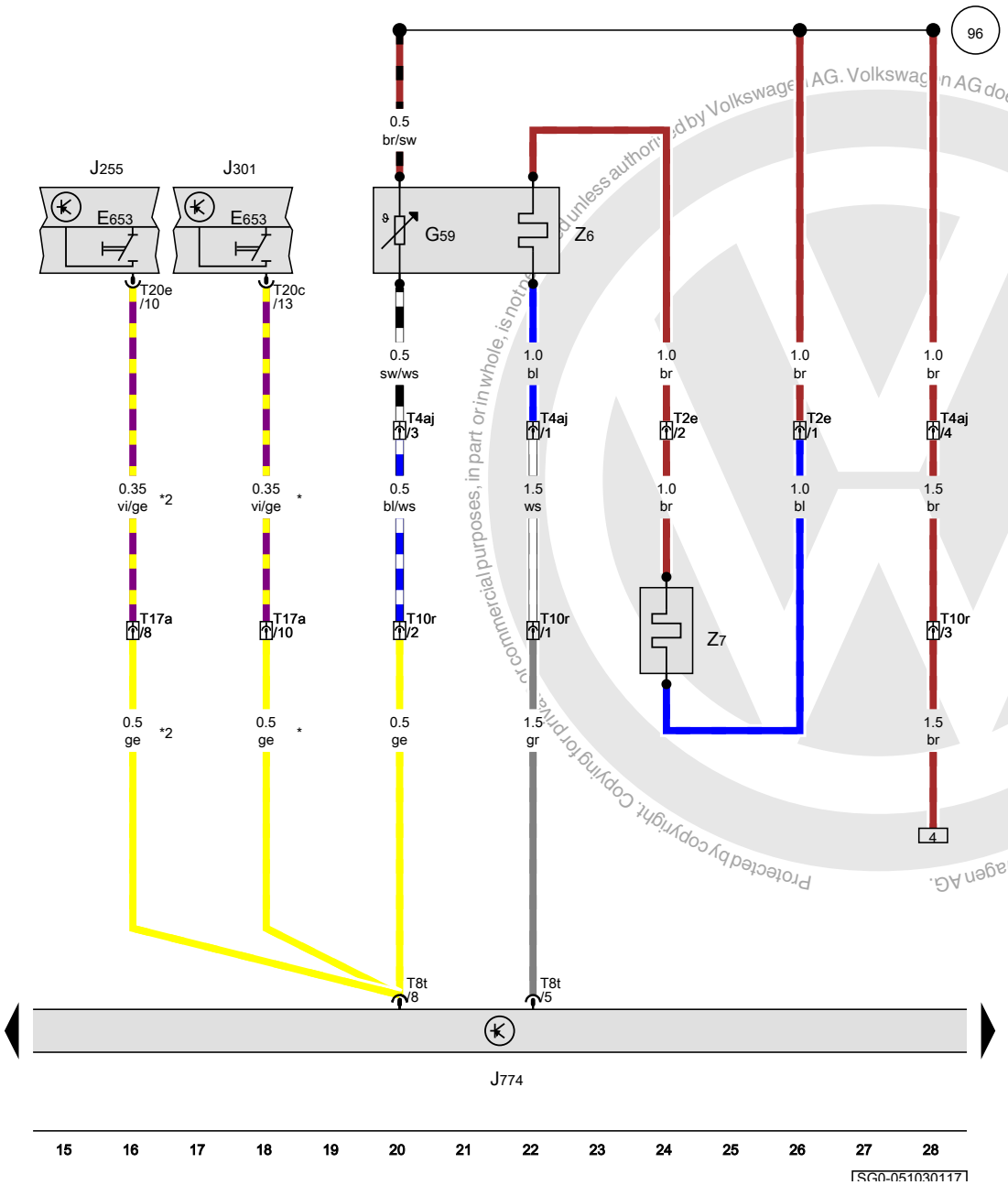

Button for left seat heating, Climatronic control unit, Air conditioning system control unit, Heated front seats control unit, Heated seat cushion for driver seat, Heated backrest for driver seat

E653	Button for left seat heating
G59	Driver seat temperature sensor
J255	Climatronic control unit
J301	Air conditioning system control unit
J774	Heated front seats control unit
T2e	2-pin connector, black, in driver seat
T4aj	4-pin connector, black, under driver seat
T8t	8-pin connector, black
T10r	10-pin connector, black, under seat on front left
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
T20e	20-pin connector, black
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
96	Earth connection 1, in seat heating wiring harness
*	Only models with Climatic
*2	Only models with Climatronic

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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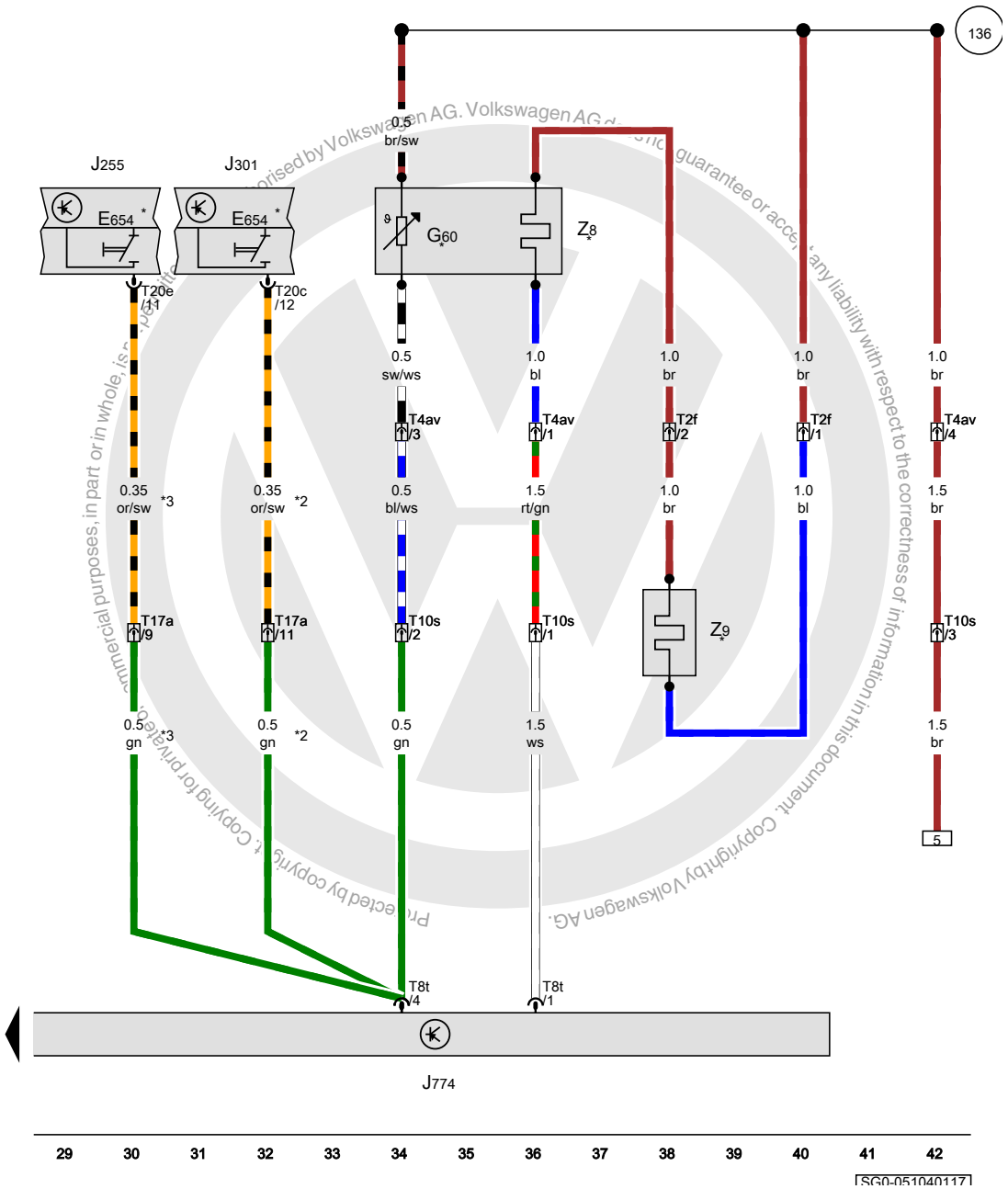

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Button for right seat heating, Climatronic control unit, Air conditioning system control unit, Heated front seats control unit, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat

E654	Button for right seat heating
G60	Front passenger seat temperature sensor
J255	Climatronic control unit
J301	Air conditioning system control unit
J774	Heated front seats control unit
T2f	2-pin connector, black, in front passenger seat
T4av	4-pin connector, black, under front passenger seat
T8t	8-pin connector, black
T10s	10-pin connector, black, under seat on front right
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
T20e	20-pin connector, black
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
136	Earth connection 2, in seat heating wiring harness
*	Only models with heated front passenger seat
*2	Only models with Climatic
*3	Only models with Climatronic

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Airbag systems

From June 2015

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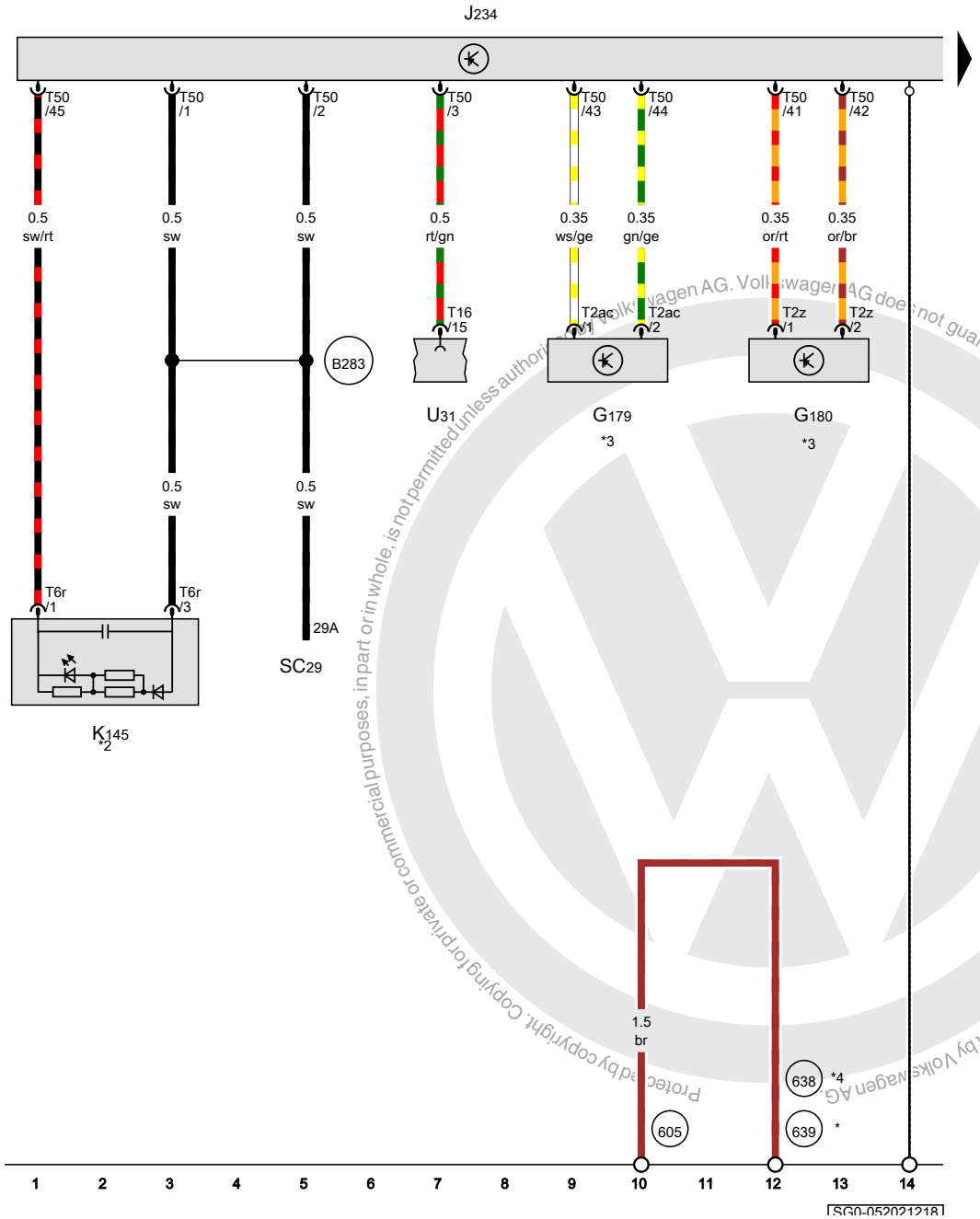

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Airbag control unit, Warning lamp for airbag deactivated on front passenger side, Fuse 29 on fuse holder C, Diagnostic connection

G179	Side airbag crash sensor on driver side
G180	Side airbag crash sensor on front passenger side
J234	Airbag control unit
K145	Warning lamp for airbag deactivated on front passenger side
SC29	Fuse 29 on fuse holder C
T2ac	2-pin connector, yellow, lower part of B-pillar, driver side
T2z	2-pin connector, yellow, lower part of B-pillar, front passenger side
T6r	6-pin connector, green
T16	16-pin connector, black
T50	50-pin connector, yellow
U31	Diagnostic connection
605	Earth point, on top end of steering column
638	Earth point, on right A-pillar
639	Earth point, left A-pillar
B283	Positive connection 7 (15a) in main wiring harness
*	For left-hand drive models
*2	For models with key-operated switch to deactivate airbag
*3	For models with front head-thorax airbag
*4	For right-hand drive models

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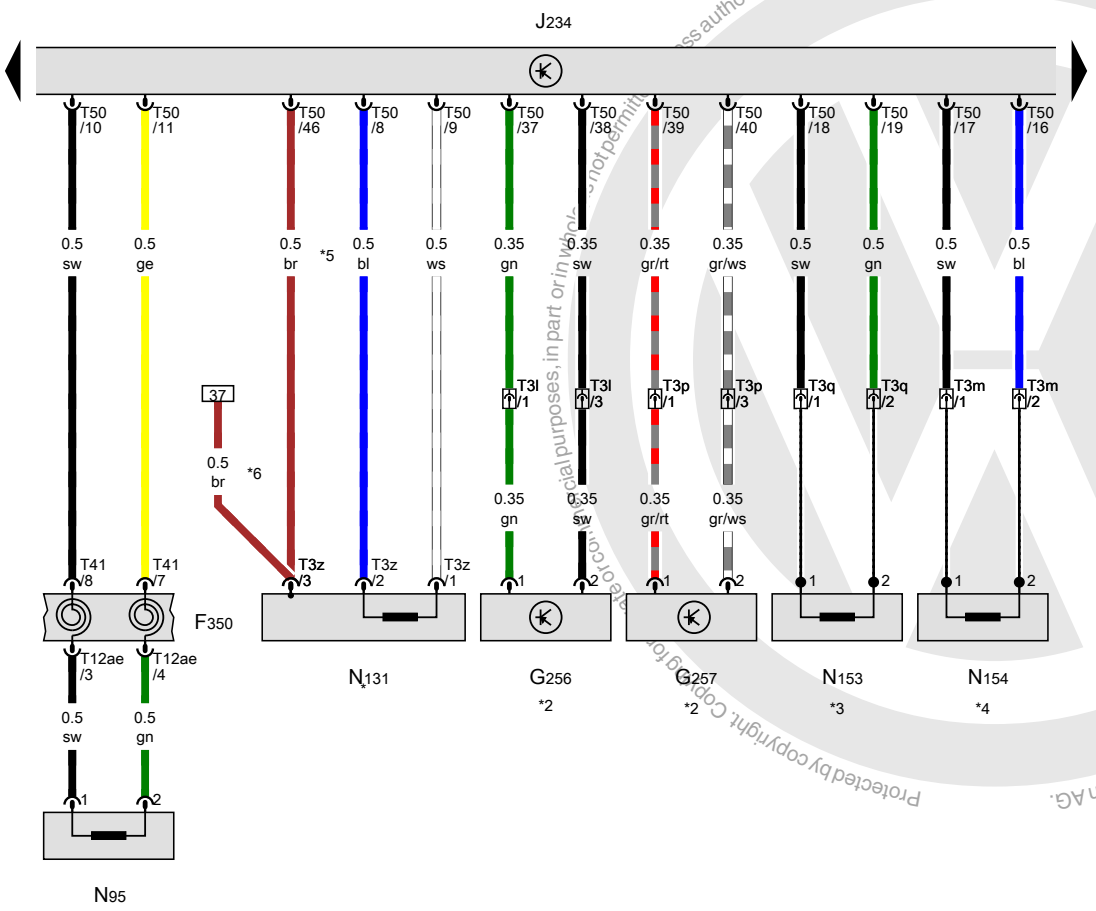

Coil connector, Rear side airbag crash sensor on driver side, Rear side airbag crash sensor on passenger side, Airbag control unit, Airbag igniter on driver side, Airbag igniter 1 on front passenger side, Driver seat belt tensioner igniter 1, Front passenger seat belt tensioner igniter 1

F350	Coil connector
G256	Rear side airbag crash sensor on driver side
G257	Rear side airbag crash sensor on passenger side
J234	Airbag control unit
N95	Airbag igniter on driver side
N131	Airbag igniter 1 on front passenger side
N153	Driver seat belt tensioner igniter 1
N154	Front passenger seat belt tensioner igniter 1
T3l	3-pin connector, yellow, under driver seat
T3m	3-pin connector, yellow, lower part of B-pillar, front passenger side
T3p	3-pin connector, yellow, under front passenger seat
T3q	3-pin connector, yellow, lower part of B-pillar, driver side
T3z	3-pin connector, yellow
T12ae	12-pin connector, yellow, in steering wheel
T41	41-pin connector, grey
T50	50-pin connector, yellow
*1	For models with front passenger airbag
*2	For models with rear curtain airbag
*3	For models with driver side belt tensioner
*4	For models with front passenger side belt tensioner
*5	For models with no curtain/head airbag
*6	For models with curtain airbag

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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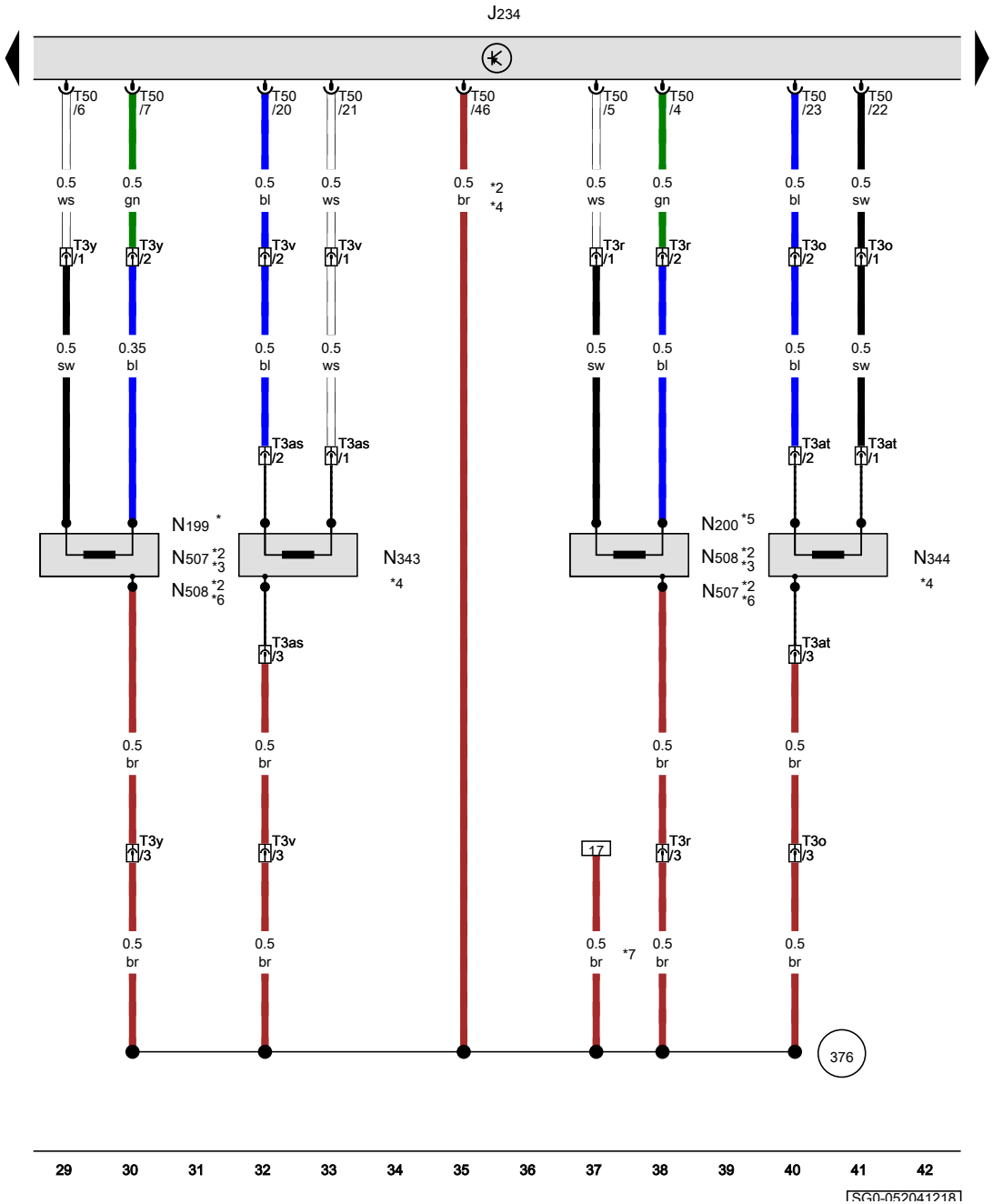

Airbag control unit, Side airbag igniter on driver side, Side airbag igniter on front passenger side, Driver side curtain airbag rear igniter, Passenger side curtain airbag rear igniter, Front left head-thorax airbag igniter, Front right head-thorax airbag igniter, 3-pin connector

J234	Airbag control unit
N199	Side airbag igniter on driver side
N200	Side airbag igniter on front passenger side
N343	Driver side curtain airbag rear igniter
N344	Passenger side curtain airbag rear igniter
N507	Front left head-thorax airbag igniter
N508	Front right head-thorax airbag igniter
T3as	3-pin connector, yellow, on driver side curtain/head airbag igniter
T3at	3-pin connector, yellow, on front passenger side curtain/head airbag igniter
T3o	3-pin connector, yellow, under front passenger seat
T3r	3-pin connector, yellow, under front passenger seat
T3v	3-pin connector, yellow, under driver seat
T3y	3-pin connector, yellow, under driver seat
T50	50-pin connector, yellow
376	Earth connection 11, in main wiring harness
*	For models with side airbag on driver side
*2	For models with front head-thorax airbag
*3	For left-hand drive models
*4	For models with rear curtain airbag
*5	For models with side airbag on front passenger side
*6	For right-hand drive models
*7	For models with curtain airbag

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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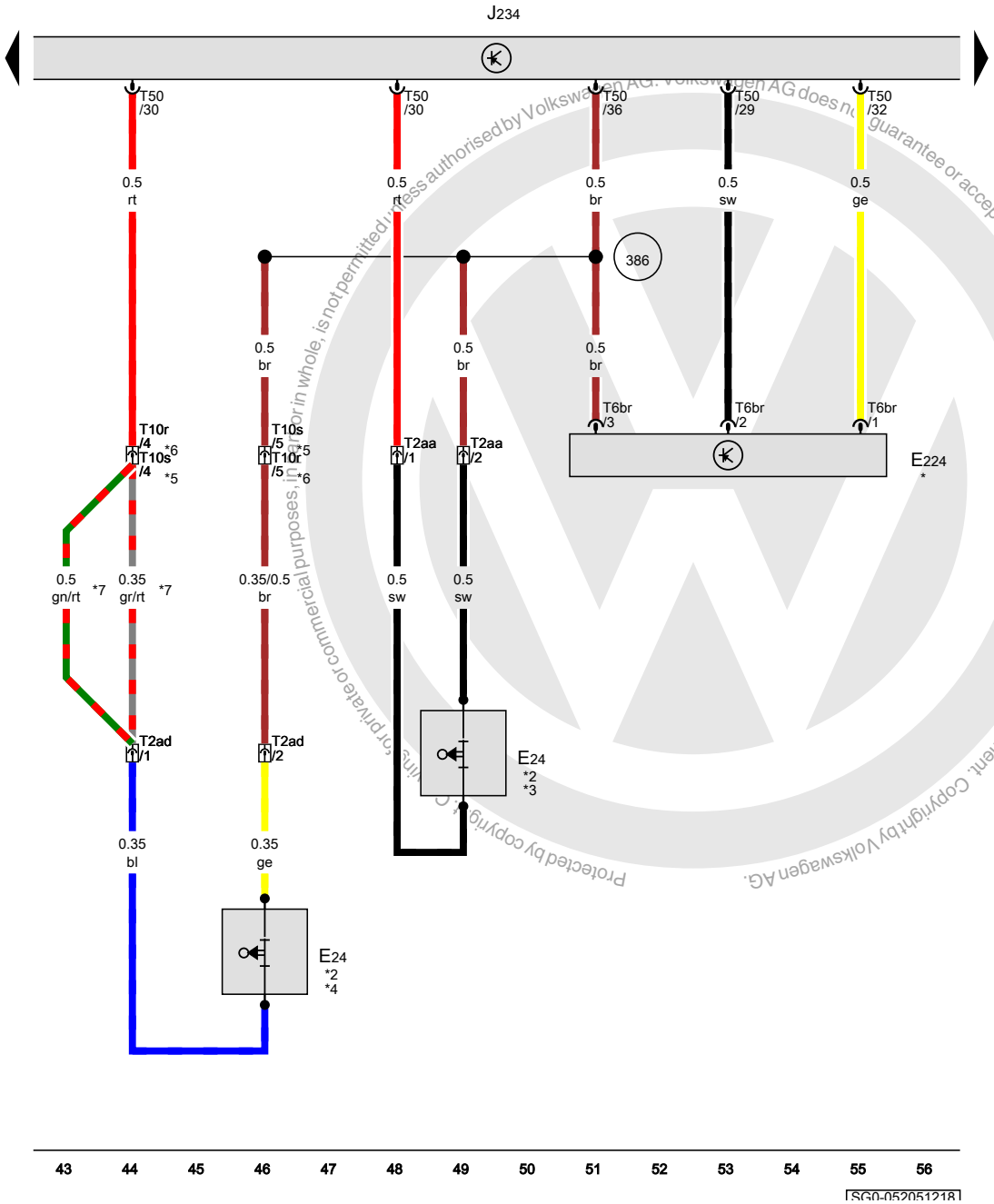

Driver side belt switch, Key operated switch to deactivate airbag on front passenger side, Airbag control unit

E24	Driver side belt switch
E224	Key operated switch to deactivate airbag on front passenger side
J234	Airbag control unit
T2aa	2-pin connector, black, under driver seat
T2ad	2-pin connector, green, under driver seat
T6br	6-pin connector, yellow
T10r	10-pin connector, black, under seat on front left
T10s	10-pin connector, black, under seat on front right
T50	50-pin connector, yellow
386	Earth connection 21, in main wiring harness
*	For models with key-operated switch to deactivate airbag
*2	For models with belt switch
*3	For models with no memory function
*4	Driver seat with memory function
*5	For right-hand drive models
*6	For left-hand drive models
*7	Wiring colour depends on equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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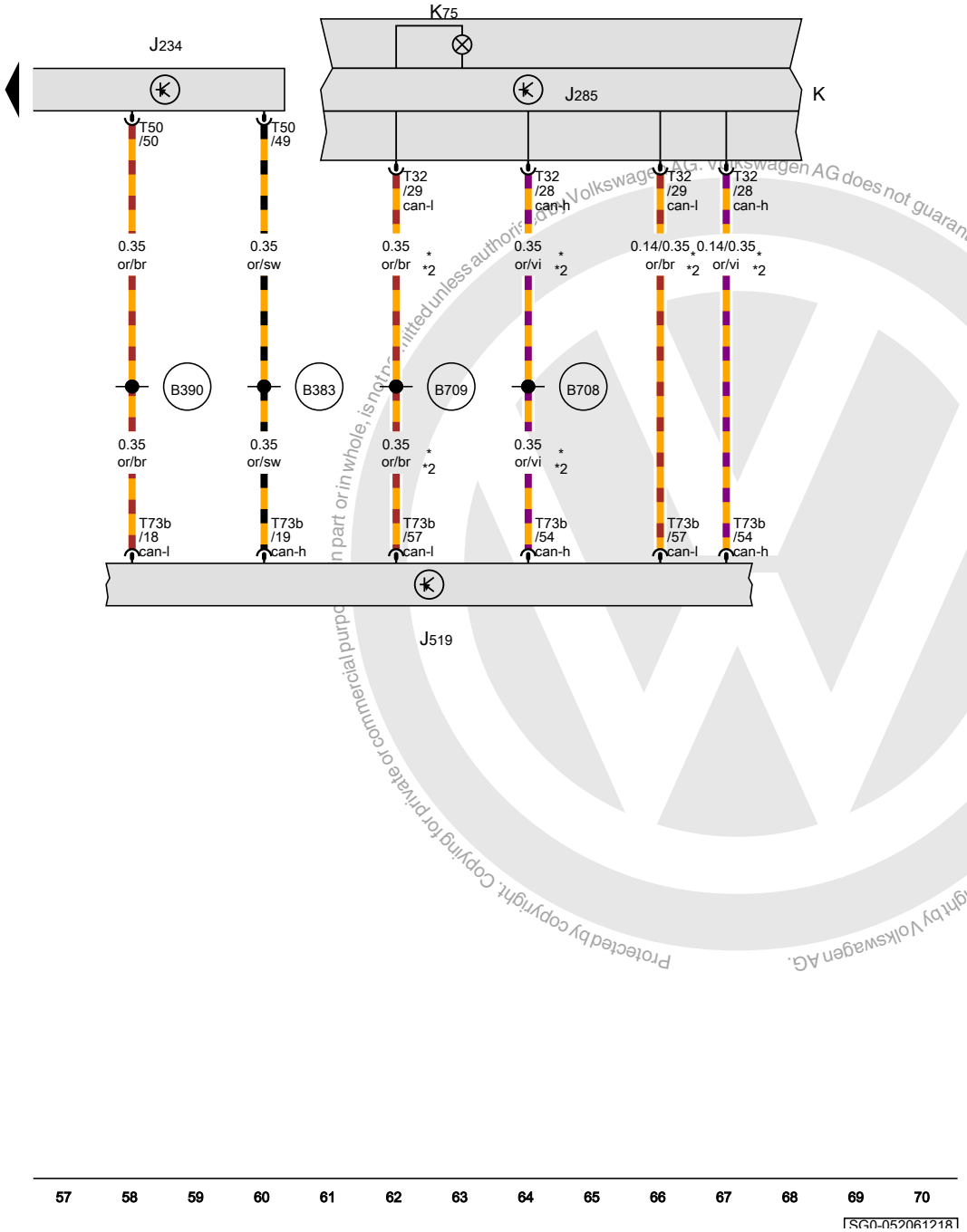

Airbag control unit, Control unit in dash panel insert, Onboard supply control unit, Dash panel insert, Airbag warning lamp

J234	Airbag control unit
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K75	Airbag warning lamp
T32	32-pin connector, blue
T50	50-pin connector, yellow
T73b	73-pin connector, white
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	According to equipment
*2	see applicable current flow diagram for CAN bus network

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Multimedia system , (UI2)

From June 2015

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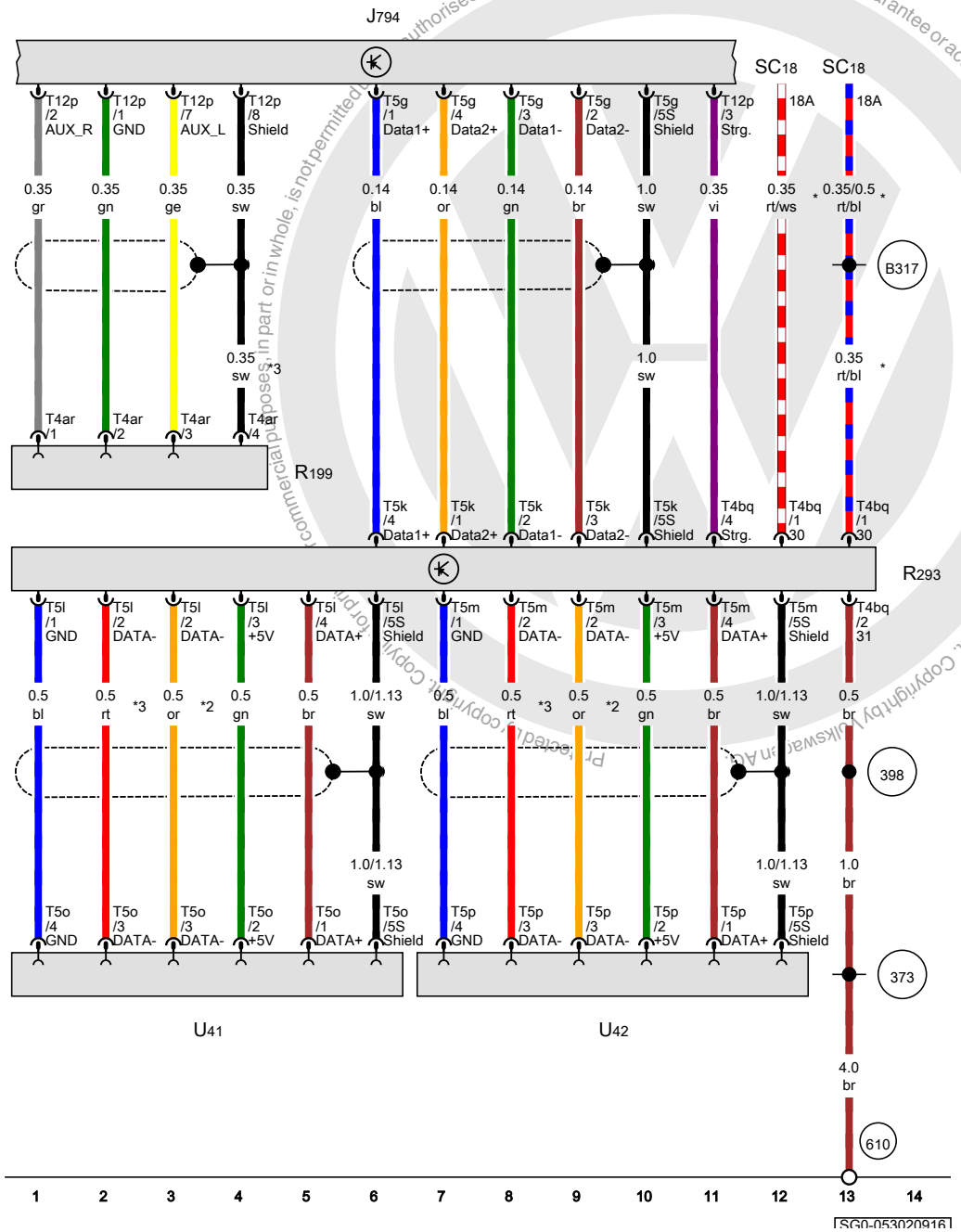

Control unit 1 for information electronics, Connection for external audio sources, Fuse 18 on fuse holder C

J794	Control unit 1 for information electronics
R199	Connection for external audio sources, in glove compartment
R293	USB hub
SC18	Fuse 18 on fuse holder C
T4ar	4-pin connector, black
T4bq	4-pin connector, red
T5g	5-pin connector, yellow
T5k	5-pin connector, green
T5l	5-pin connector, purple
T5m	5-pin connector, brown
T5o	5-pin connector, green, in glove compartment
T5p	5-pin connector, green, in storage compartment
T12p	12-pin connector, green
U41	USB connection 1
U42	USB connection 2
373	Earth connection 8, in main wiring harness
398	Earth connection 33, in main wiring harness
610	Earth point (audio), front below centre console
B317	Positive connection 3 (30a) in main wiring harness
*	According to equipment
*2	Up to June 2016
*3	From June 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Multimedia system , (UE4),(UI4),(UI5),(UI8)

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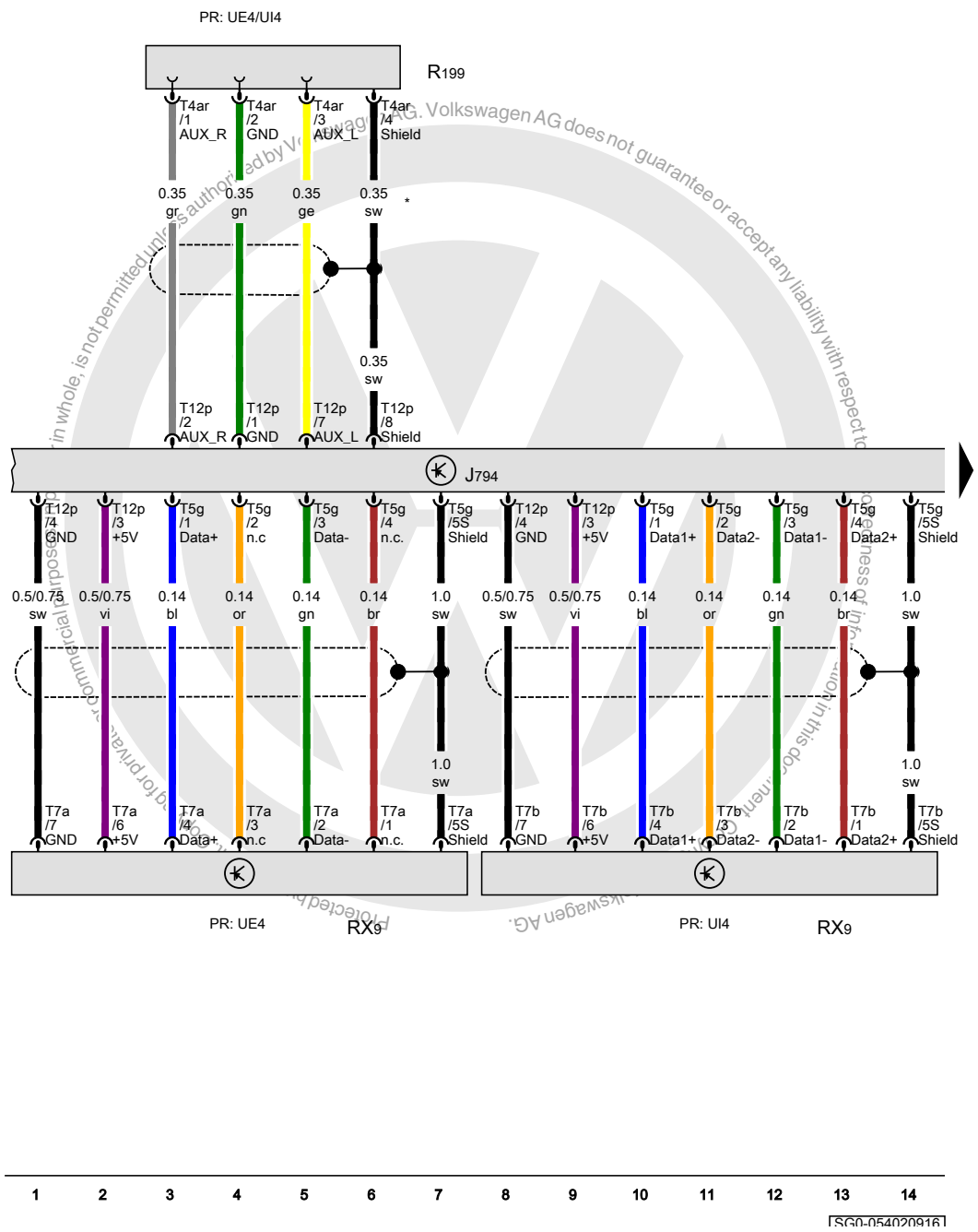

Control unit 1 for information electronics, Interface for external audio sources, Connection for external audio sources

J794	Control unit 1 for information electronics
RX9	Interface for external audio sources
R199	Connection for external audio sources, in glove compartment
T4ar	4-pin connector, black
T5g	5-pin connector, yellow
T7a	7-pin connector, purple, in glove compartment
T7b	7-pin connector, green, in glove compartment
T12p	12-pin connector, green
*	From June 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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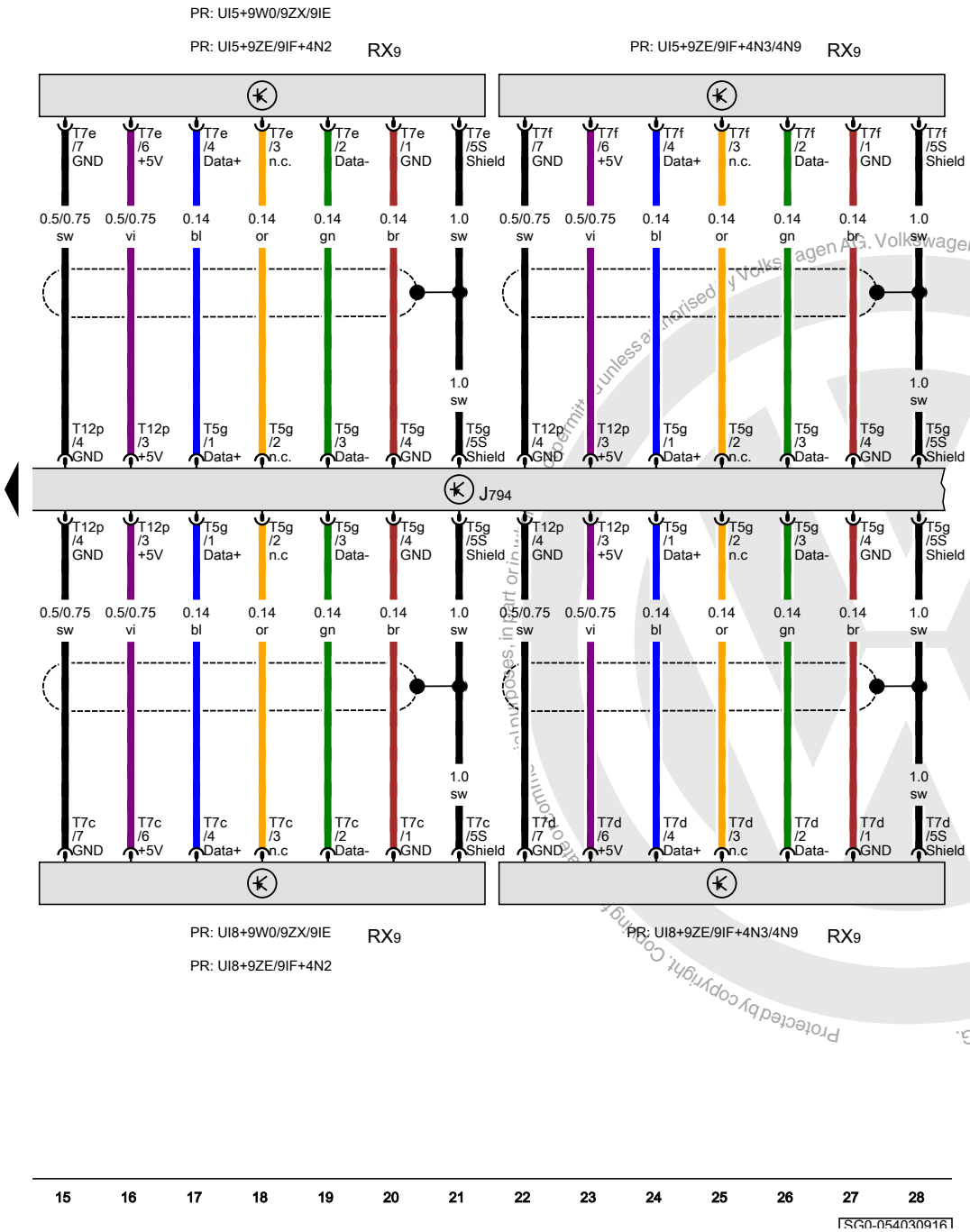

Control unit 1 for information electronics, Interface for external audio sources

J794	Control unit 1 for information electronics
RX9	Interface for external audio sources
T5g	5-pin connector, yellow
T7c	7-pin connector, white, in glove compartment
T7d	7-pin connector, white, in storage compartment
T7e	7-pin connector, black, in glove compartment
T7f	7-pin connector, black, in storage compartment
T12p	12-pin connector, green

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Reversing camera (Rear Assist)

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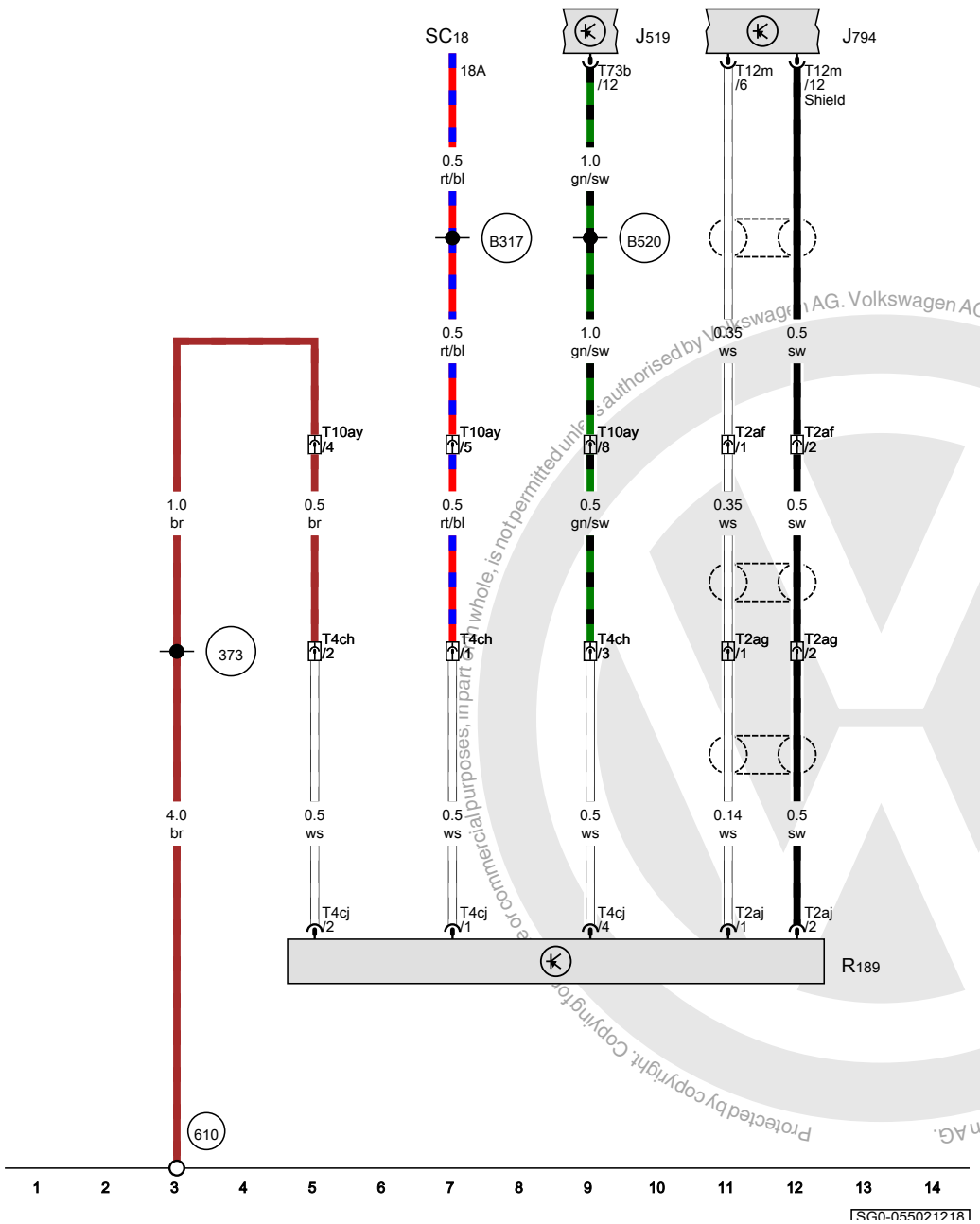
Onboard supply control unit, Control unit 1 for information electronics, Reversing camera, Fuse 18 on fuse holder C



J519	Onboard supply control unit
J794	Control unit 1 for information electronics
R189	Reversing camera
SC18	Fuse 18 on fuse holder C
T2af	2-pin connector, grey, under front passenger seat
T2ag	2-pin connector, grey, under roof trim
T2aj	2-pin connector, blue, grey
T4ch	4-pin connector, black, under roof trim
T4cj	4-pin connector, black
T10ay	10-pin connector, red, under seat on front right
T12m	12-pin connector, blue
T73b	73-pin connector, white
373	Earth connection 8, in main wiring harness
610	Earth point (audio), front below centre console
B317	Positive connection 3 (30a) in main wiring harness
B520	Connection (RL), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Dynamic Chassis Control

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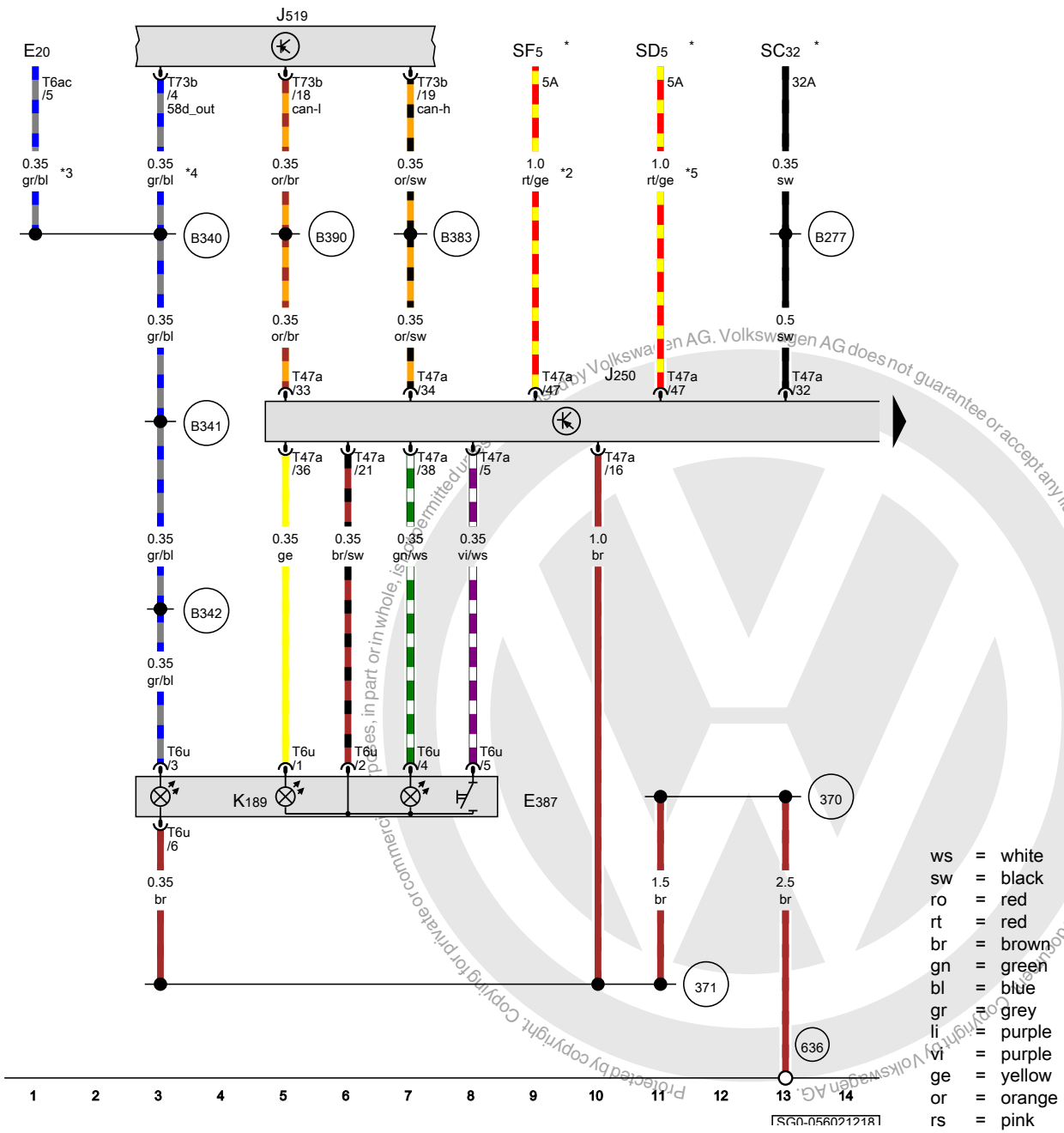

Shock absorber damping adjustment button, Electronically controlled damping control unit, Onboard supply control unit, Fuse 5 on fuse holder D, Fuse 5 in fuse holder F, Fuse 32 on fuse holder C

E20	Switch and instrument illumination regulator
E387	Shock absorber damping adjustment button
J250	Electronically controlled damping control unit
J519	Onboard supply control unit
K189	Shock absorber damping adjustment warning lamp
SD5	Fuse 5 on fuse holder D
SF5	Fuse 5 in fuse holder F
SC32	Fuse 32 on fuse holder C
T6ac	6-pin connector, black
T6u	6-pin connector, brown
T47a	47-pin connector, black
T73b	73-pin connector, white
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
636	Earth point, onboard supply control unit
B277	Positive connection 1 (15a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B342	Connection 3 (58d), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For left-hand drive models
*3	For models with dimmable instrument illumination
*4	For models with no dimmable instrument illumination
*5	For right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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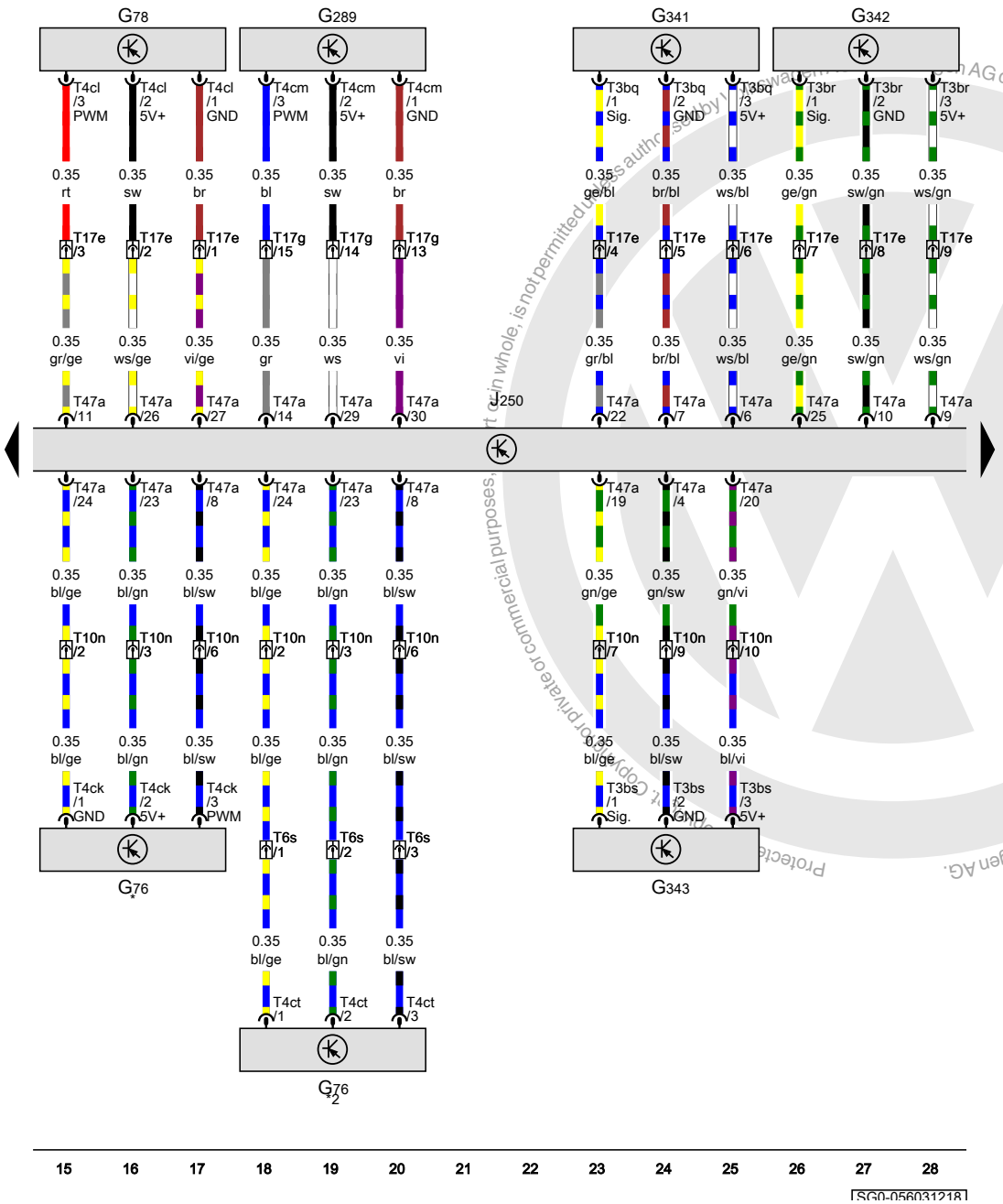
Rear left vehicle level sender, Front left vehicle level sender, Front right vehicle level sender, Front left body acceleration sender, Front right body acceleration sender, Rear body acceleration sender, Electronically controlled damping control unit



G76	Rear left vehicle level sender
G78	Front left vehicle level sender
G289	Front right vehicle level sender
G341	Front left body acceleration sender
G342	Front right body acceleration sender
G343	Rear body acceleration sender
J250	Electronically controlled damping control unit
T3bq	3-pin connector, black
T3br	3-pin connector, black
T3bs	3-pin connector, black
T4ck	4-pin connector, black
T4cl	4-pin connector, black
T4cm	4-pin connector, black
T4ct	4-pin connector, brown
T6s	6-pin connector, black, behind lower section of left D-pillar trim
T10n	10-pin connector, red, in left A-pillar coupling station
T17e	17-pin connector, red, in E-box in engine compartment
T17g	17-pin connector, black, in E-box in engine compartment
T47a	47-pin connector, black
*	For models with no all-wheel drive
*2	For models with all-wheel drive

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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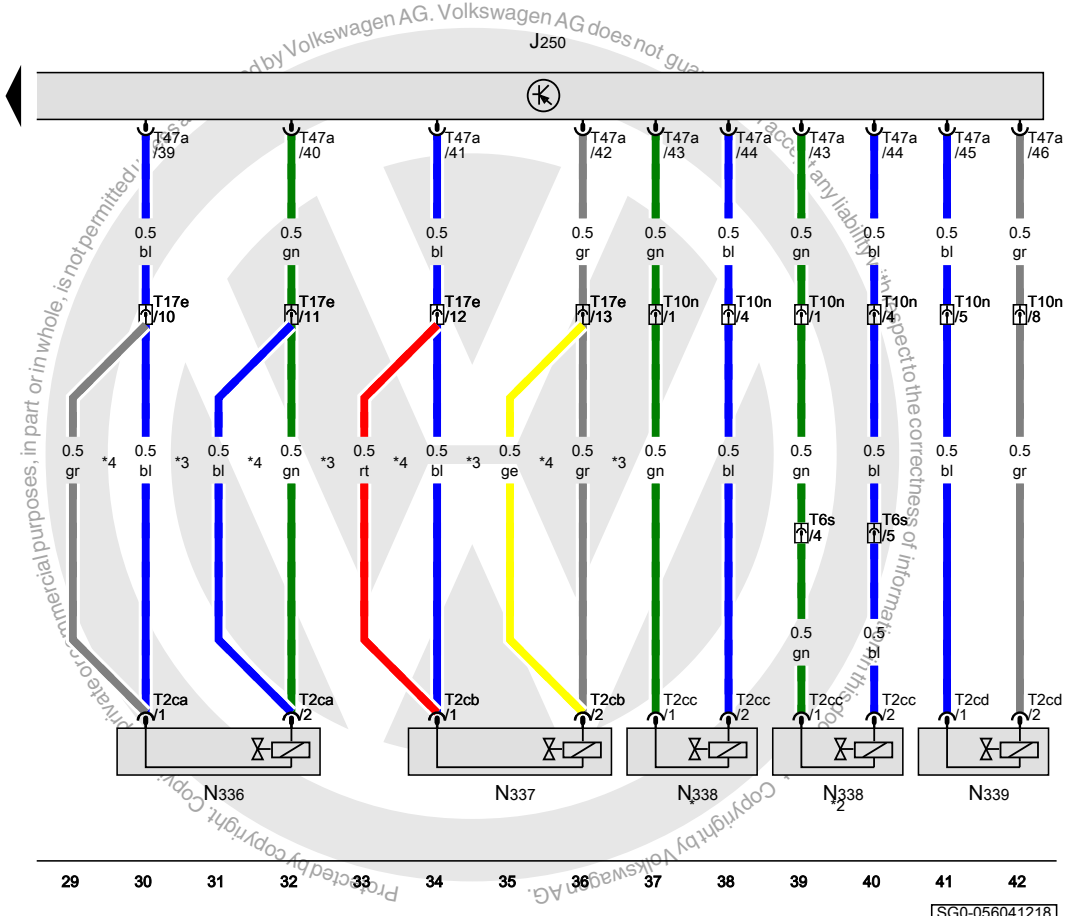
Electronically controlled damping control unit, Front left shock absorber damping adjustment valve, Front right shock absorber damping adjustment valve, Rear left shock absorber damping adjustment valve, Rear right shock absorber damping adjustment valve

J250	Electronically controlled damping control unit
N336	Front left shock absorber damping adjustment valve
N337	Front right shock absorber damping adjustment valve
N338	Rear left shock absorber damping adjustment valve
N339	Rear right shock absorber damping adjustment valve
T2ca	2-pin connector, black
T2cb	2-pin connector, black
T2cc	2-pin connector, black
T2cd	2-pin connector, black
T6s	6-pin connector, black, behind lower section of left D-pillar trim
T10n	10-pin connector, red, in left A-pillar coupling station
T17e	17-pin connector, red, in E-box in engine compartment
T47a	47-pin connector, black
*	For models with no all-wheel drive
*2	For models with all-wheel drive
*3	Up to June 2016
*4	From June 2016



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Climatic , (9AP),(KH1),(KH2),(KH3)

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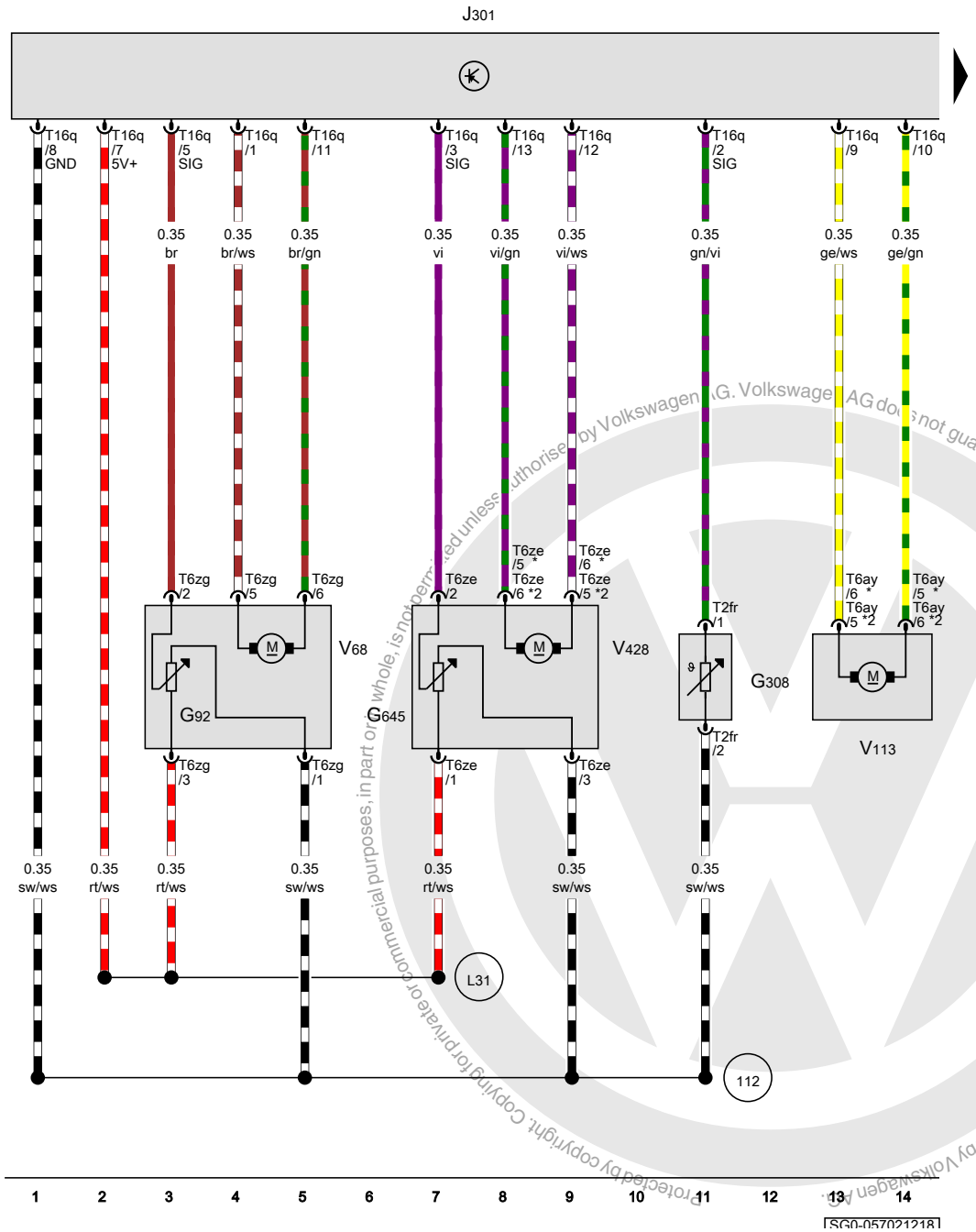

Potentiometer for temperature flap control motor, Evaporator temperature sensor, Potentiometer for air distribution flap control motor, Air conditioning system control unit, Temperature flap control motor, Air recirculation flap control motor, Air distribution flap control motor

G92	Potentiometer for temperature flap control motor
G308	Evaporator temperature sensor
G645	Potentiometer for air distribution flap control motor
J301	Air conditioning system control unit
T2fr	2-pin connector, black
T6ay	6-pin connector, blue
T6ze	6-pin connector, blue
T6zg	6-pin connector, blue
T16q	16-pin connector, black
V68	Temperature flap control motor
V113	Air recirculation flap control motor
V428	Air distribution flap control motor
112	Earth connection 2, in air conditioning system wiring harness
L31	Connection (5V), in air conditioning system wiring harness
*	For left-hand drive models
*2	For right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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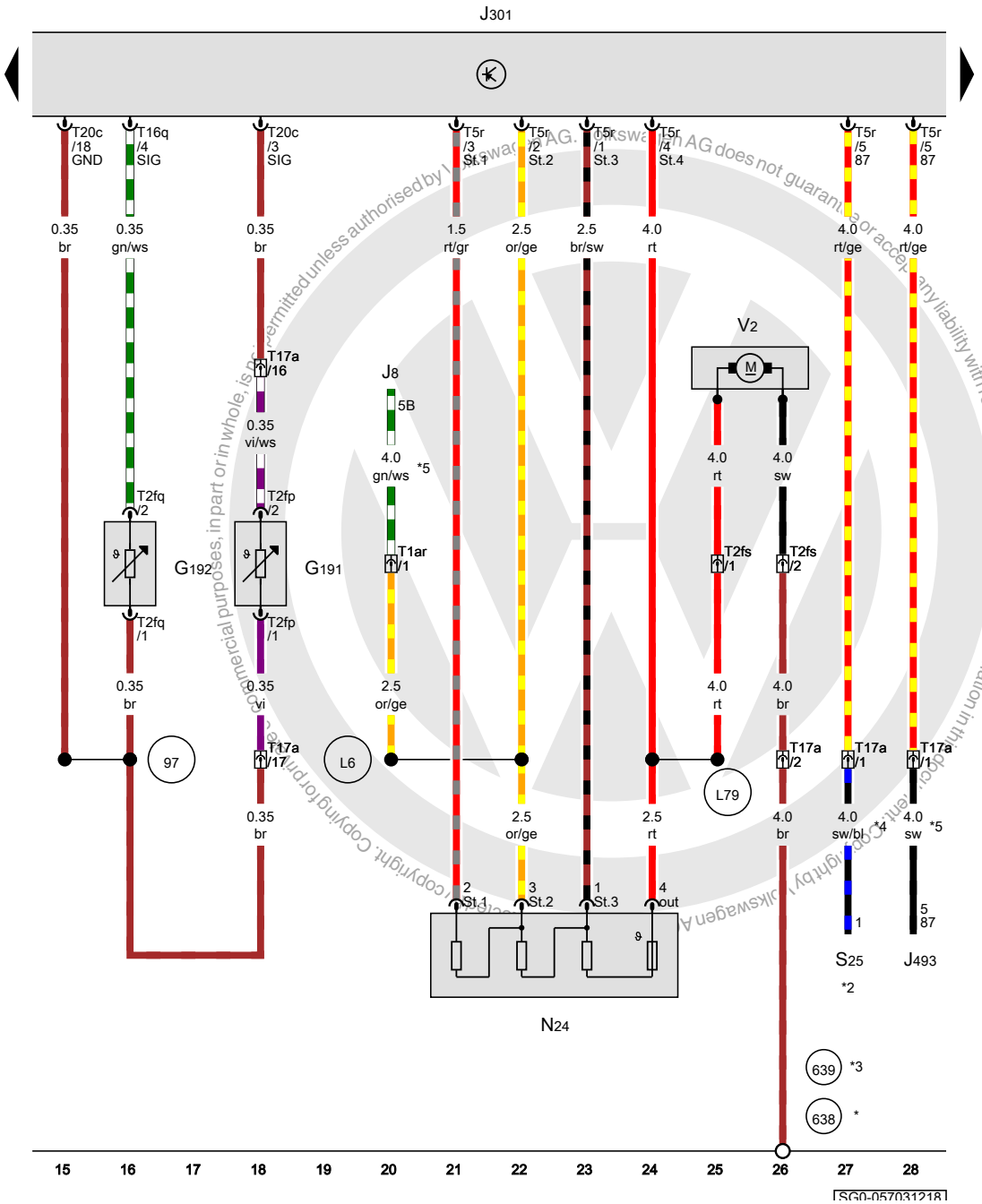

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Centre vent temperature sender, Footwell vent temperature sender, Auxiliary heater relay, Air conditioning system control unit, Fresh air blower series resistor with overheating fuse, Hot air blower single fuse, Fresh air blower

G191	Centre vent temperature sender
G192	Footwell vent temperature sender
J8	Auxiliary heater relay
J301	Air conditioning system control unit
J493	Auxiliary coolant heater relay
N24	Fresh air blower series resistor with overheating fuse
S25	Hot air blower single fuse
T1ar	1-pin connector, black, behind glove compartment
T2fp	2-pin connector, black
T2fq	2-pin connector, black
T2fs	2-pin connector, black, near heater blower
T5r	5-pin connector, black
T16q	16-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
V2	Fresh air blower
97	Earth connection 1, in air conditioning system wiring harness
638	Earth point, on right A-pillar
639	Earth point, left A-pillar
L6	Connection 2, in evaporator housing unit wiring harness
L79	Connection 4, in air conditioning system wiring harness
*	For left-hand drive models
*2	see applicable current flow diagram for fuse assignment
*3	For right-hand drive models
*4	For models with no auxiliary coolant heater
*5	Only models with auxiliary coolant heater

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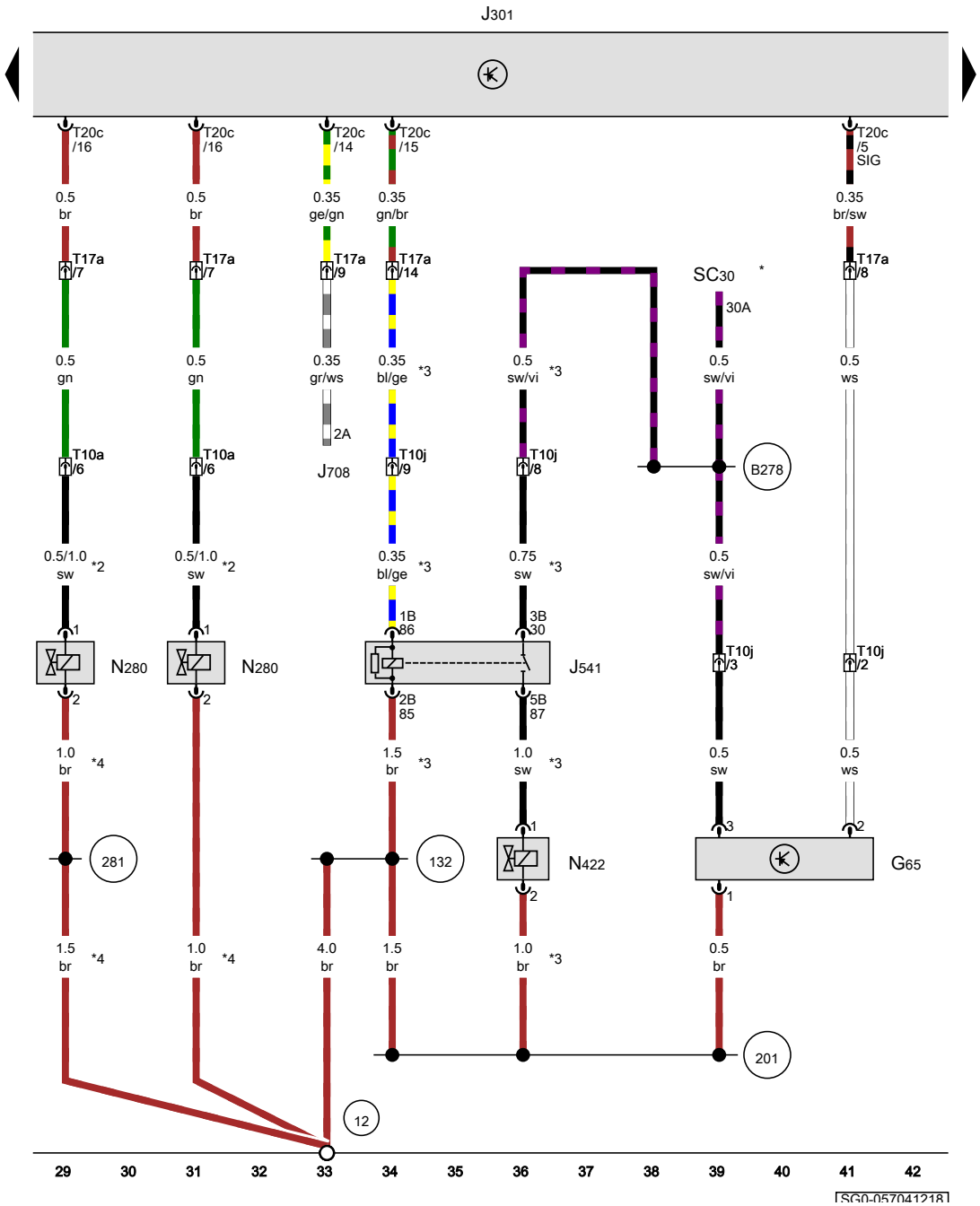

High-pressure sender, Air conditioning system control unit, Coolant shut-off valve relay, Air conditioner compressor regulating valve, Climatronic coolant shut-off valve, Fuse 30 on fuse holder C

G65	High-pressure sender
J301	Air conditioning system control unit
J541	Coolant shut-off valve relay
J708	Residual heat relay
N280	Air conditioner compressor regulating valve
N422	Climatronic coolant shut-off valve
SC30	Fuse 30 on fuse holder C
T10a	10-pin connector, brown, in E-box in engine compartment
T10j	10-pin connector, dark brown, in E-box in engine compartment
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
12	Earth point, on left in engine compartment
132	Earth connection 3, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Cross section depends on equipment
*3	For countries with hot climate
*4	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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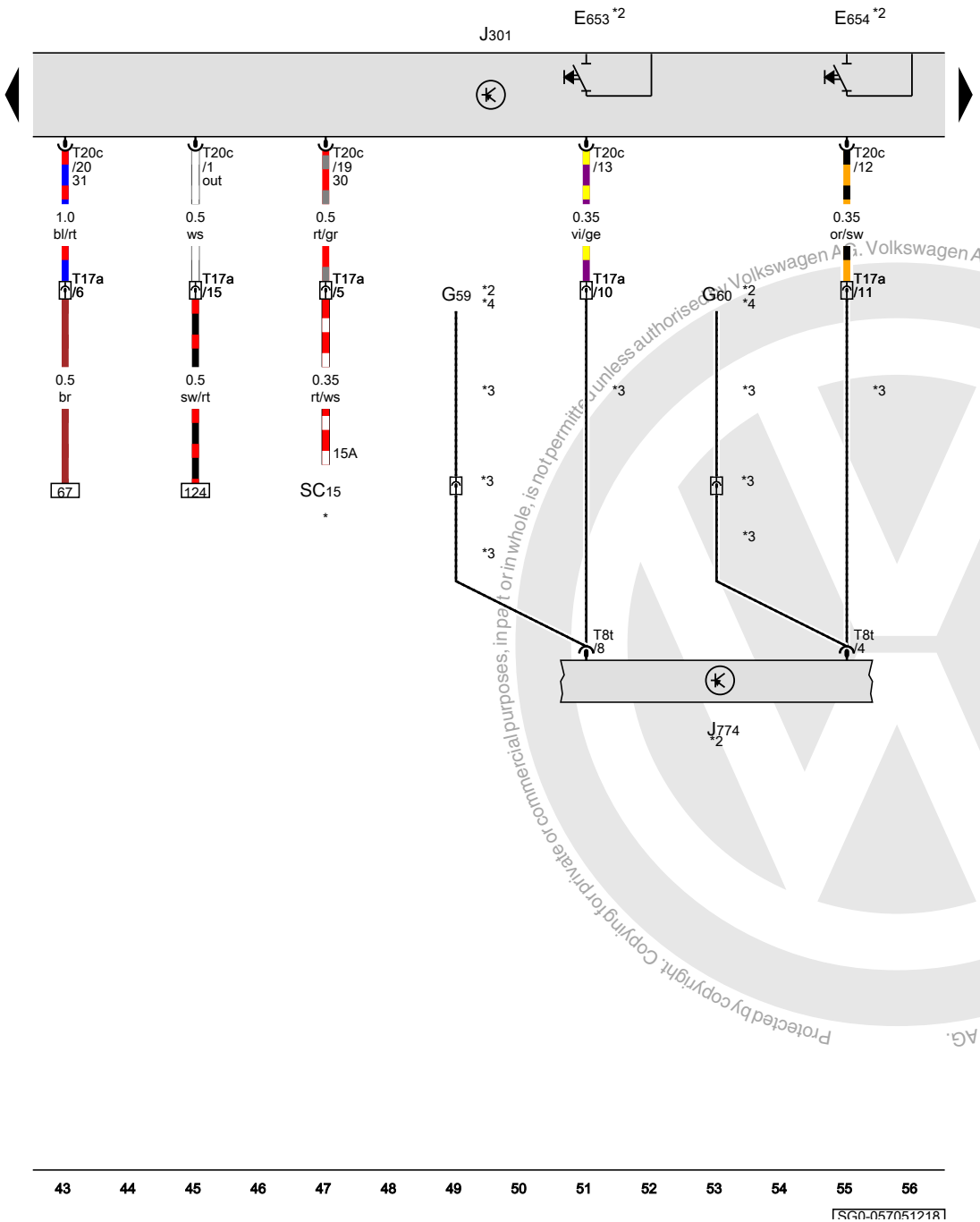

Button for left seat heating, Button for right seat heating, Air conditioning system control unit, Heated front seats control unit, Fuse 15 on fuse holder C

E653	Button for left seat heating
E654	Button for right seat heating
G59	Driver seat temperature sensor
G60	Front passenger seat temperature sensor
J301	Air conditioning system control unit
J774	Heated front seats control unit
SC15	Fuse 15 on fuse holder C
T8t	8-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
*	see applicable current flow diagram for fuse assignment
*2	For models with heated seats
*3	see applicable current flow diagram for seat heating
*4	For left-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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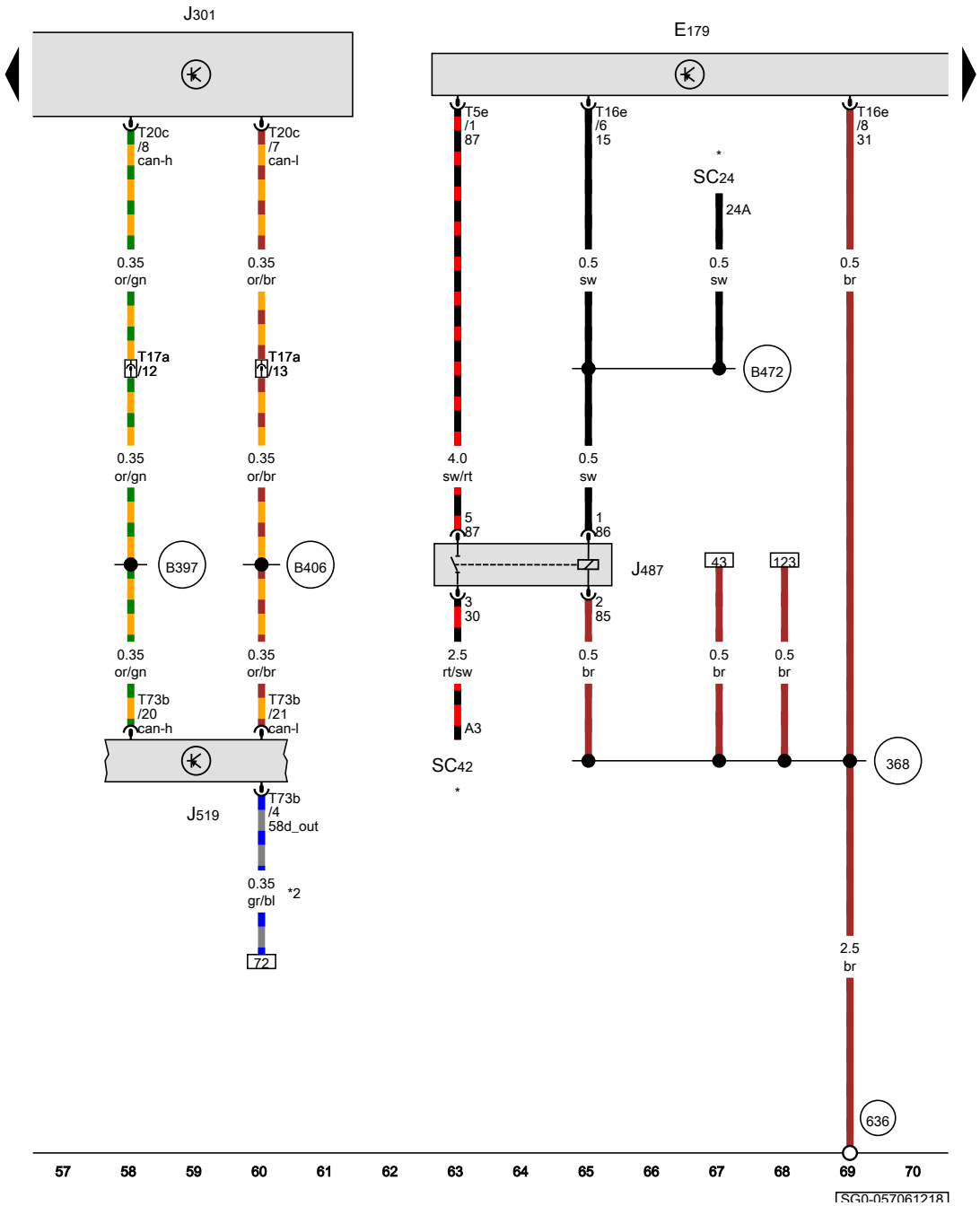
Rear fresh air blower switch, Air conditioning system control unit, Fresh air blower isolation relay, Onboard supply control unit, Fuse 42 on fuse holder C



E179	Rear fresh air blower switch, in centre of dash panel
J301	Air conditioning system control unit
J487	Fresh air blower isolation relay
J519	Onboard supply control unit
SC24	Fuse 24 on fuse holder C
SC42	Fuse 42 on fuse holder C
T5e	5-pin connector, black
T16e	16-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
T73b	73-pin connector, white
368	Earth connection 3, in main wiring harness
636	Earth point, onboard supply control unit
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B472	Connection 8, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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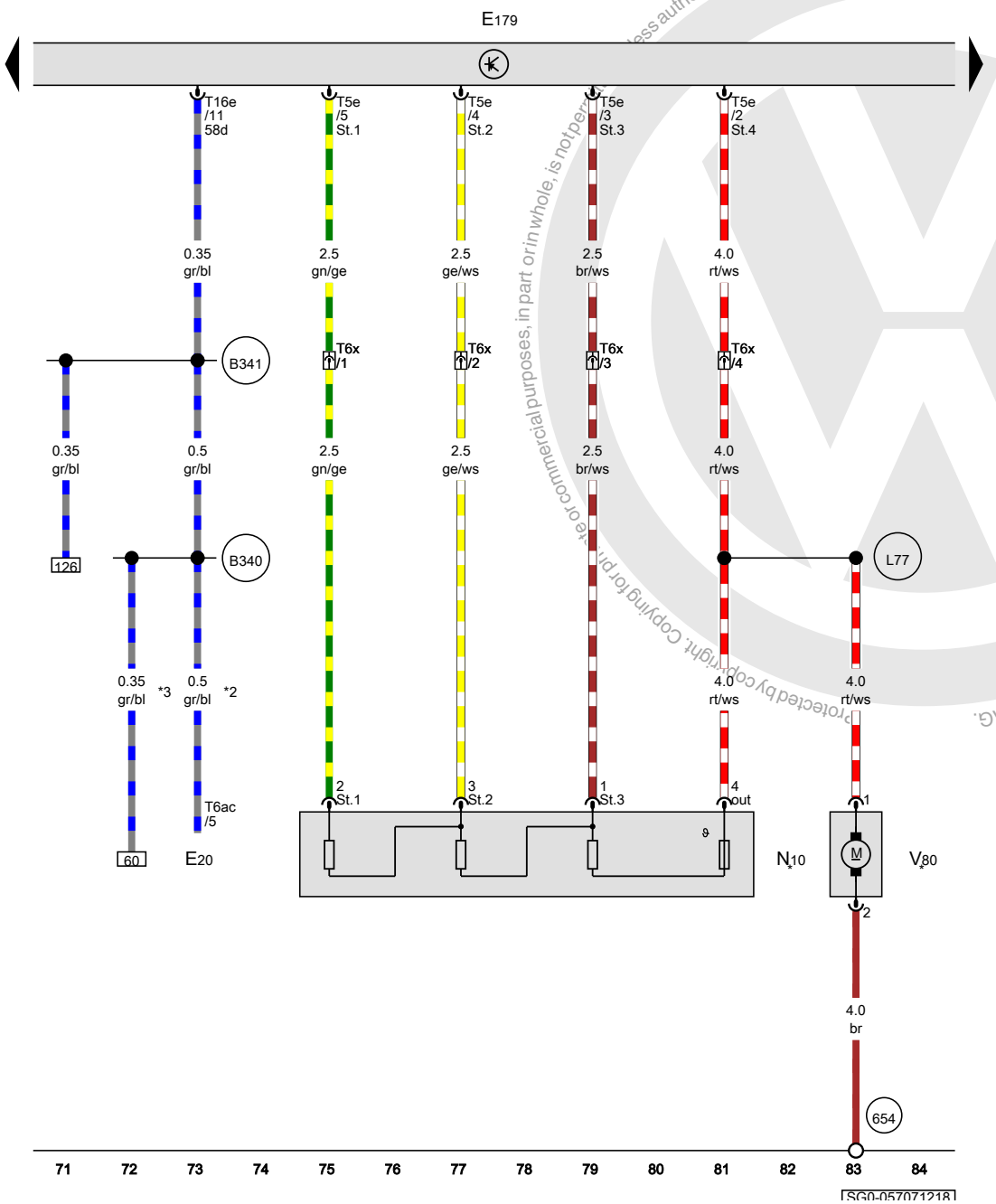

Rear fresh air blower switch, Series resistor for rear fresh air blower, Rear fresh air blower

E20	Switch and instrument illumination regulator
E179	Rear fresh air blower switch, in centre of dash panel
N10	Series resistor for rear fresh air blower
T5e	5-pin connector, black
T6ac	6-pin connector, black
T6x	6-pin connector, purple, under seat on front right
T16e	16-pin connector, black
V80	Rear fresh air blower
654	Earth point, on right D-pillar
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
L77	Connection, in fresh air blower wiring harness
*	For panel van and Kombi models, not for double cab
*2	For models with dimmable instrument illumination
*3	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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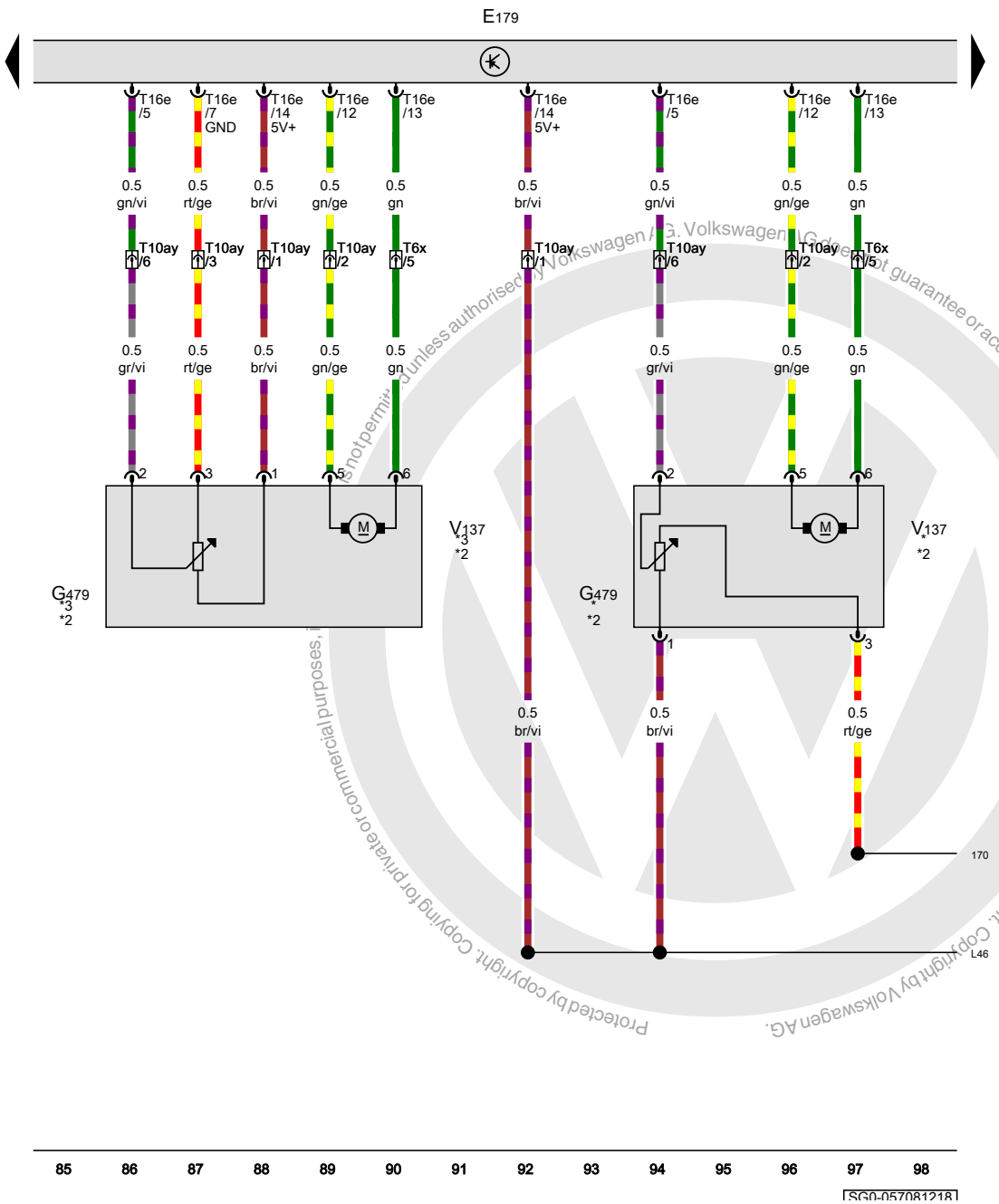

Rear fresh air blower switch, Potentiometer for rear temperature flap motor, Rear temperature flap control motor

E179	Rear fresh air blower switch, in centre of dash panel
G479	Potentiometer for rear temperature flap motor
T6x	6-pin connector, purple, under seat on front right
T10ay	10-pin connector, red, under seat on front right
T16e	16-pin connector, black
V137	Rear temperature flap control motor
170	Earth connection 1, in air conditioning system/Climatronic operating unit wiring harness
L46	Connection (5 Volt), in Climatronic operating unit wiring harness
*	For models with rear air distribution control motor
*2	For panel van and Kombi models, not for double cab
*3	For models with no rear air distribution control motor

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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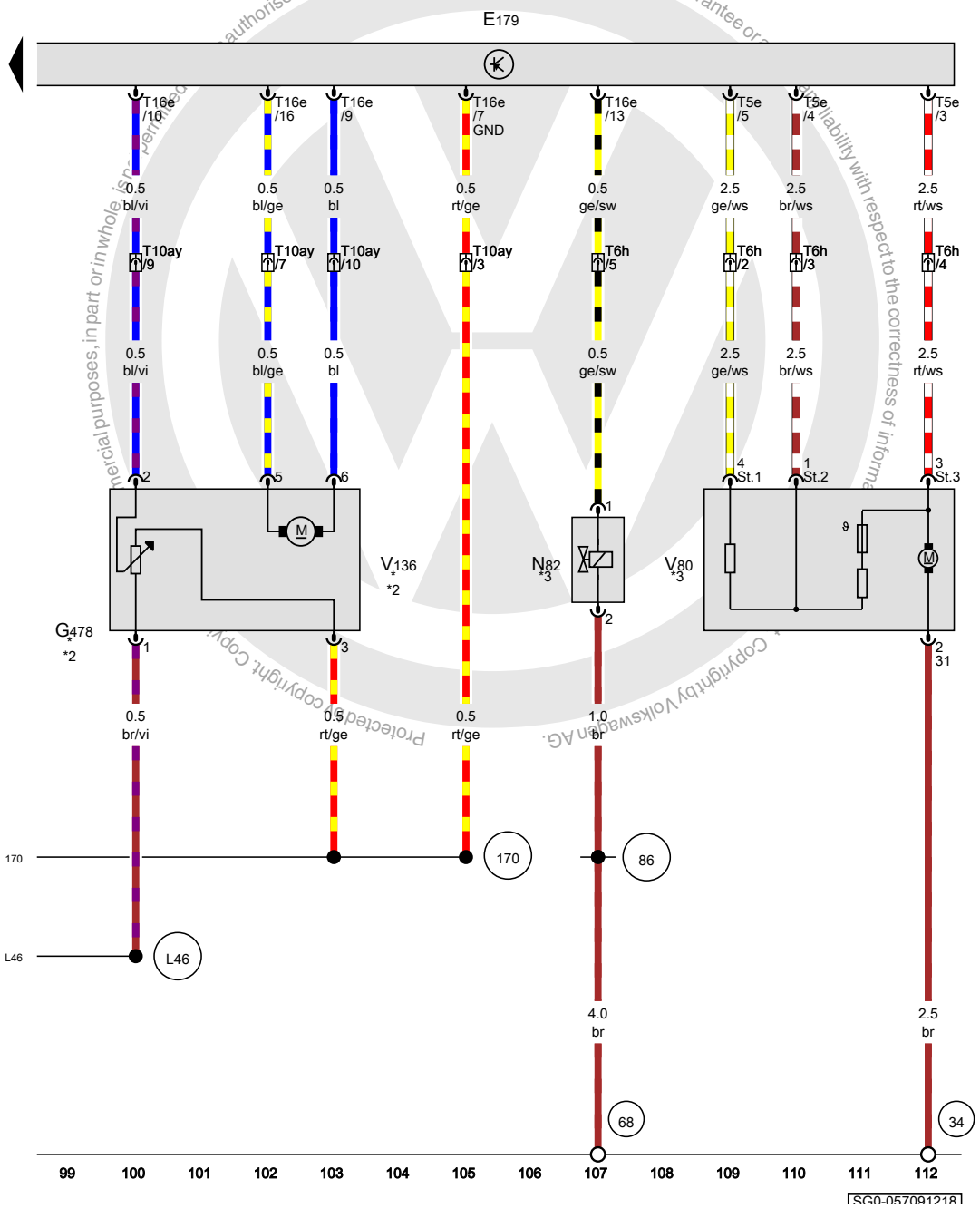

Rear fresh air blower switch, Potentiometer for rear air distribution control motor, Coolant shut-off valve, Rear fresh air blower, Rear air distribution control motor

E179	Rear fresh air blower switch, in centre of dash panel
G478	Potentiometer for rear air distribution control motor
N82	Coolant shut-off valve
T5e	5-pin connector, black
T6h	6-pin connector, purple, under seat on front left
T10ay	10-pin connector, red, under seat on front right
T16e	16-pin connector, black
V80	Rear fresh air blower
V136	Rear air distribution control motor
34	Earth point, under driver seat
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
170	Earth connection 1, in air conditioning system/Climatronic operating unit wiring harness
L46	Connection (5 Volt), in Climatronic operating unit wiring harness
*	For models with rear air distribution control motor
*2	For panel van and Kombi models, not for double cab
*3	For models with double cab

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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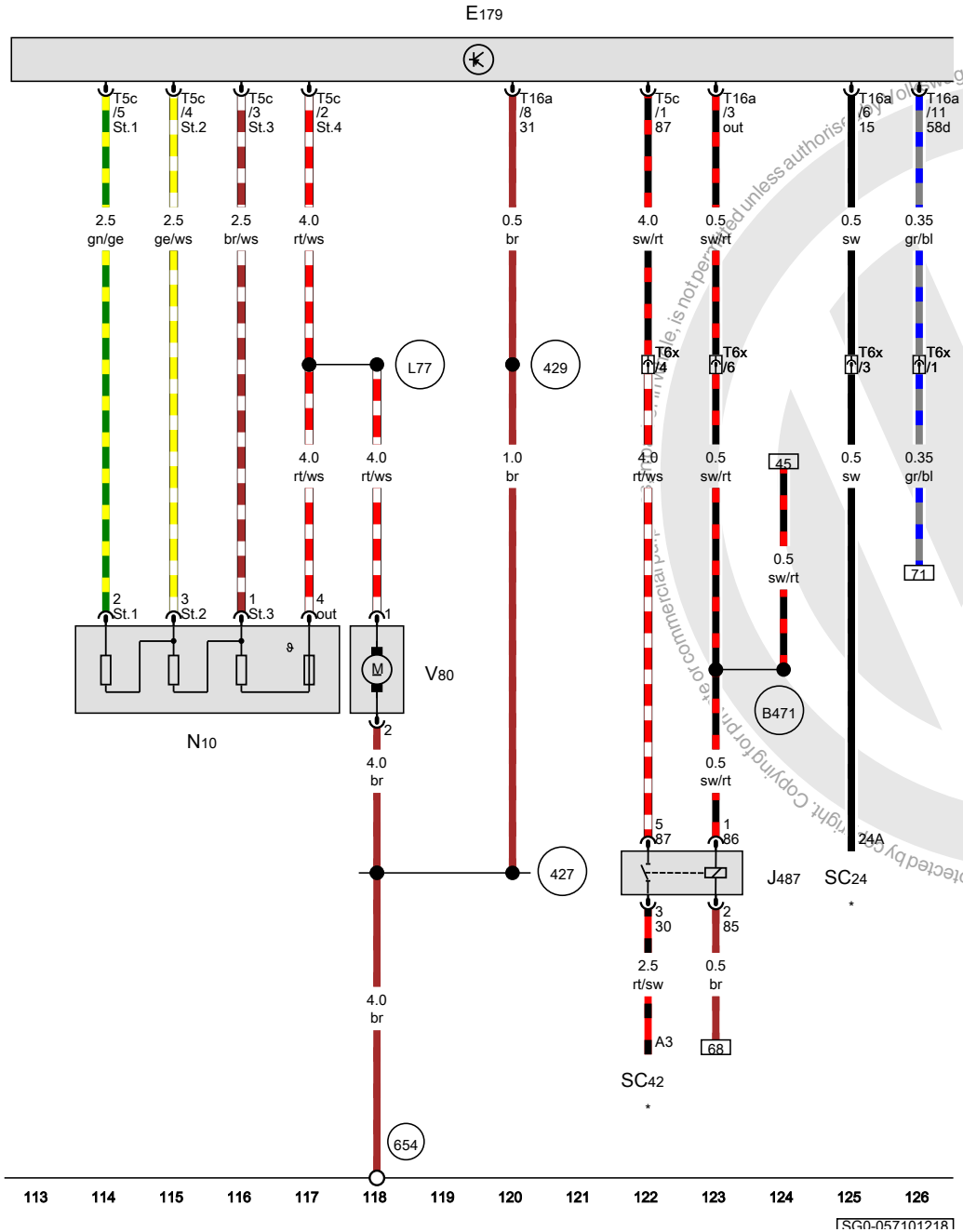
Rear fresh air blower switch, Fresh air blower isolation relay, Series resistor for rear fresh air blower, Fuse 42 on fuse holder C, Rear fresh air blower



E179	Rear fresh air blower switch, in roof
J487	Fresh air blower isolation relay
N10	Series resistor for rear fresh air blower
SC24	Fuse 24 on fuse holder C
SC42	Fuse 42 on fuse holder C
T5c	5-pin connector, black
T6x	6-pin connector, purple, under seat on front right
T16a	16-pin connector, black
V80	Rear fresh air blower
427	Earth connection 3, in right rear end wiring harness
429	Earth connection 4, in right rear end wiring harness
654	Earth point, on right D-pillar
B471	Connection 7, in main wiring harness
L77	Connection, in fresh air blower wiring harness
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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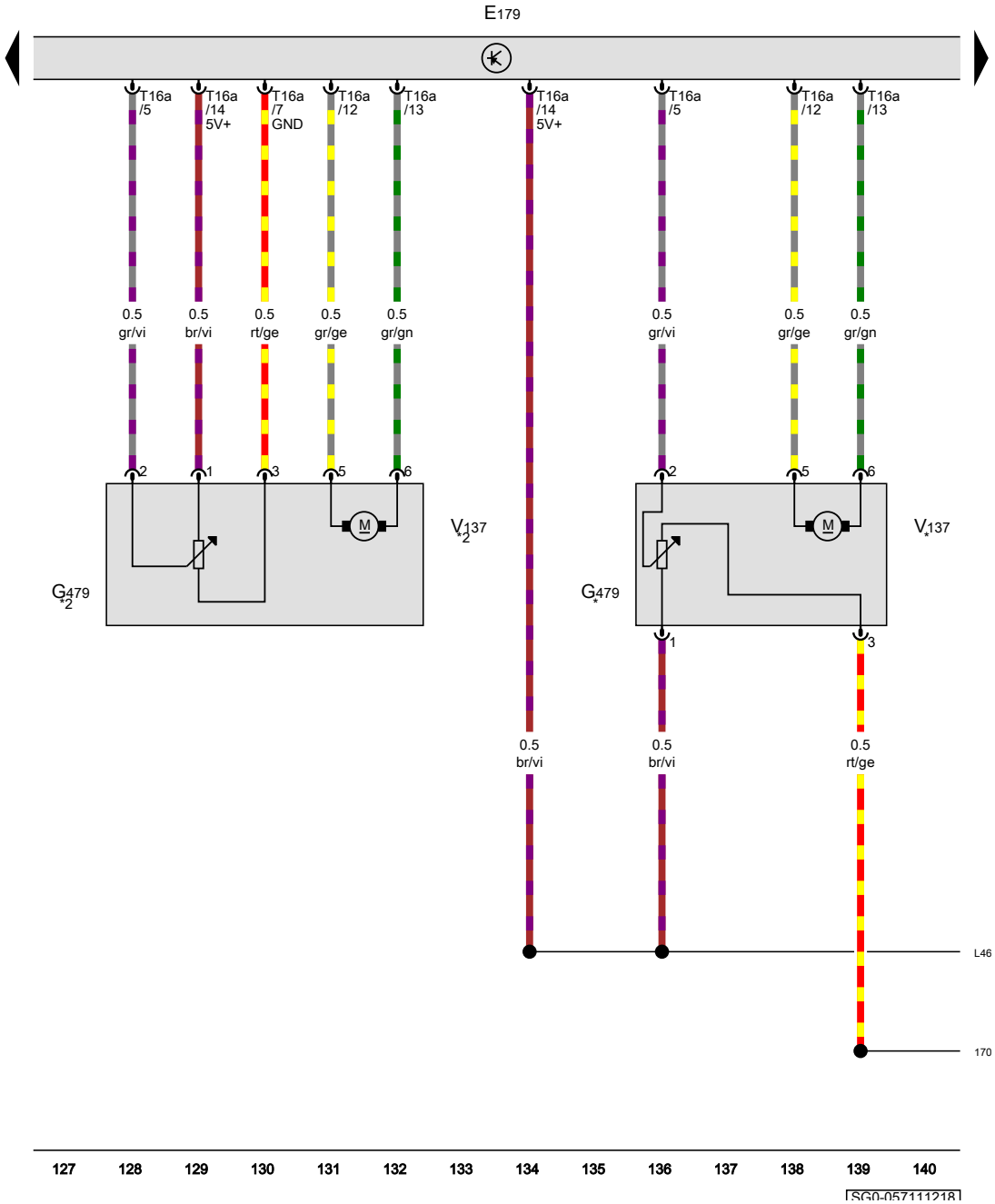
Rear fresh air blower switch, Potentiometer for rear temperature flap motor, Rear temperature flap control motor



E179	Rear fresh air blower switch, in roof
G479	Potentiometer for rear temperature flap motor
T16a	16-pin connector, black
V137	Rear temperature flap control motor
170	Earth connection 1, in air conditioning system/Climatronic operating unit wiring harness
L46	Connection (5 Volt), in Climatronic operating unit wiring harness
*	For models with rear air distribution control motor
*2	For models with no rear air distribution control motor

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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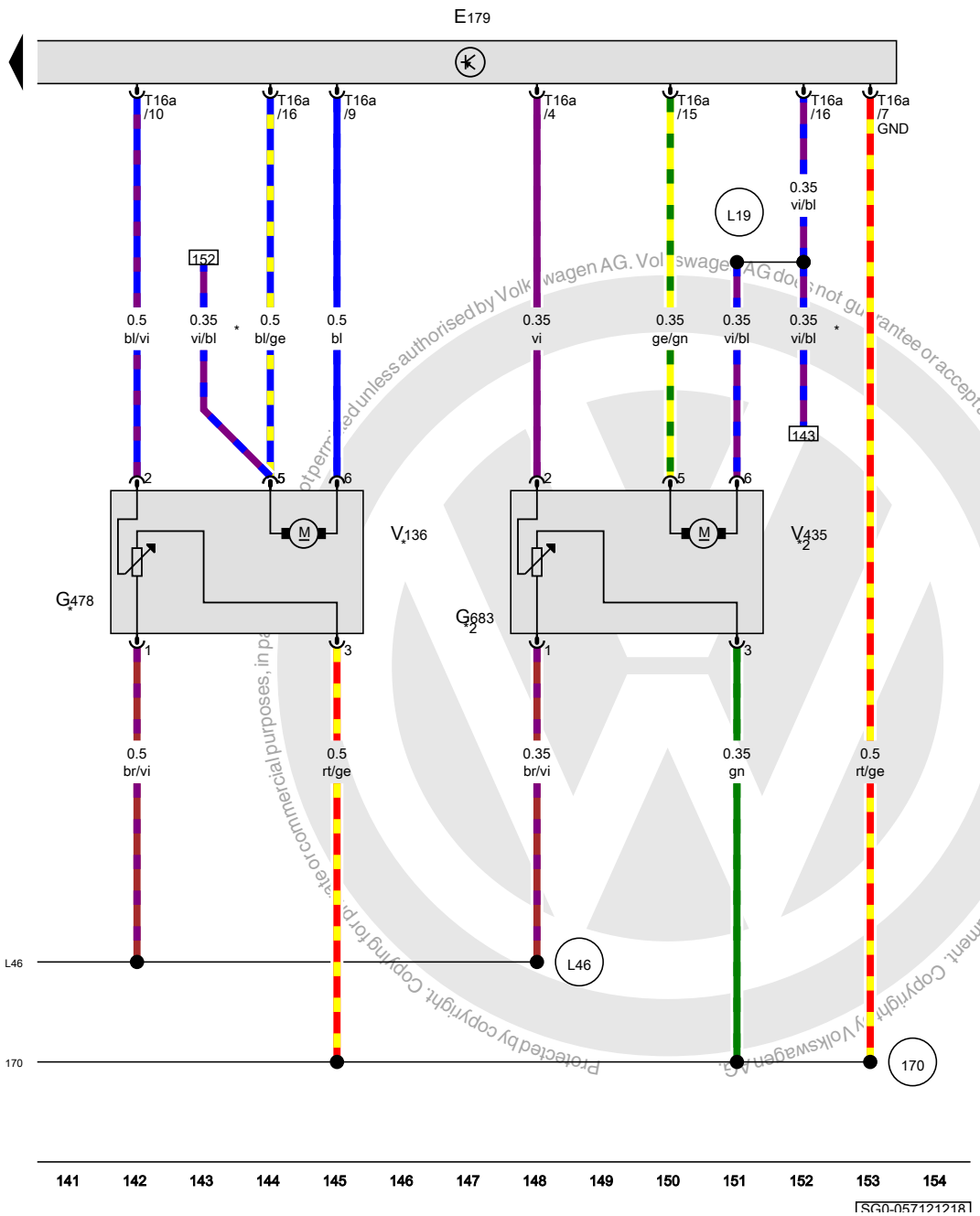

Rear fresh air blower switch, Potentiometer for rear air distribution control motor, Potentiometer for rear air distribution control motor 2, Rear air distribution control motor, Rear air distribution control motor 2

E179	Rear fresh air blower switch, in roof
G478	Potentiometer for rear air distribution control motor
G683	Potentiometer for rear air distribution control motor 2
T16a	16-pin connector, black
V136	Rear air distribution control motor
V435	Rear air distribution control motor 2
170	Earth connection 1, in air conditioning system/Climatronic operating unit wiring harness
L19	Connection 1 (control motor), in Climatronic operating unit wiring harness
L46	Connection (5 Volt), in Climatronic operating unit wiring harness
*	For models with rear air distribution control motor
*2	For models with side window vents in passenger compartment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Climatronic , (9AH)

From June 2015

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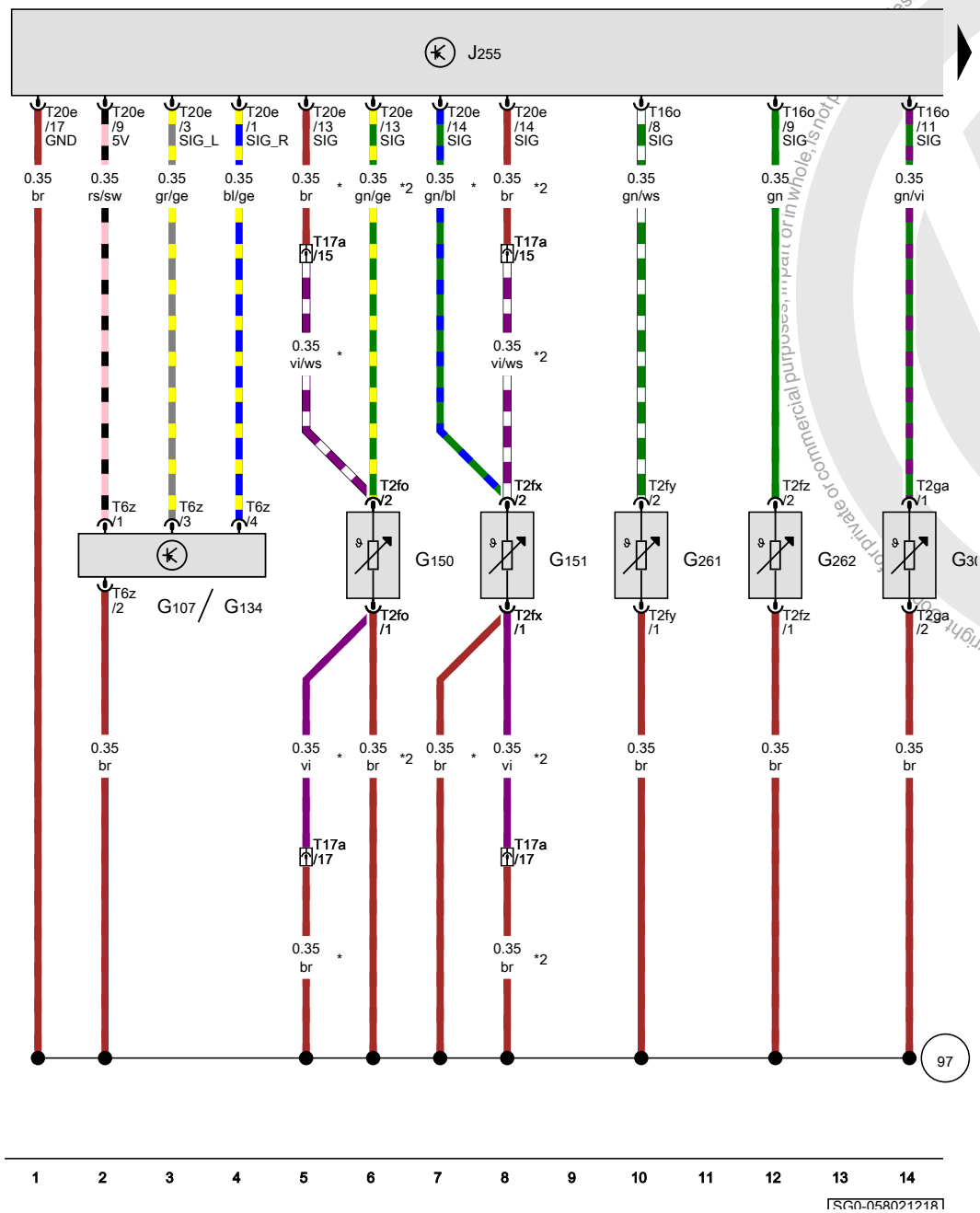

Sunlight penetration photosensor, Sunlight penetration photosensor 2, Left vent temperature sender, Right vent temperature sender, Left footwell vent temperature sender, Right footwell vent temperature sender, Evaporator temperature sensor, Climatronic control unit

G107	Sunlight penetration photosensor
G134	Sunlight penetration photosensor 2
G150	Left vent temperature sender
G151	Right vent temperature sender
G261	Left footwell vent temperature sender
G262	Right footwell vent temperature sender
G308	Evaporator temperature sensor
J255	Climatronic control unit
T2fo	2-pin connector, black
T2fx	2-pin connector, black
T2fy	2-pin connector, black
T2fz	2-pin connector, black
T2ga	2-pin connector, black
T6z	6-pin connector, black
T16o	16-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T20e	20-pin connector, black
97	Earth connection 1, in air conditioning system wiring harness
*	For left-hand drive models
*2	For right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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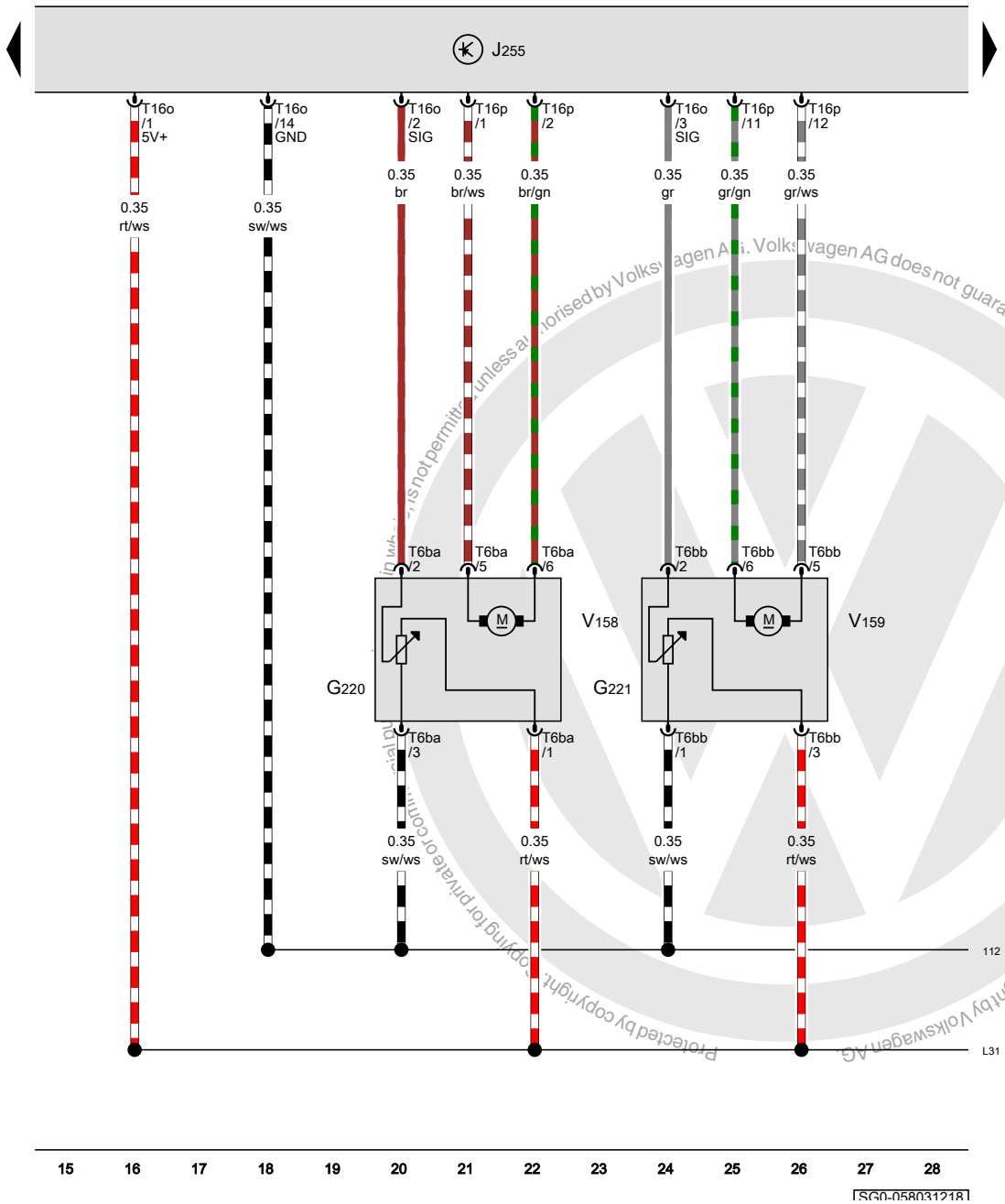

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Potentiometer for left temperature flap control motor, Potentiometer for right temperature flap control motor, Climatronic control unit, Left temperature flap control motor, Right temperature flap control motor

G220	Potentiometer for left temperature flap control motor
G221	Potentiometer for right temperature flap control motor
J255	Climatronic control unit
T6ba	6-pin connector, blue
T6bb	6-pin connector, blue
T16o	16-pin connector, black
T16p	16-pin connector, brown
V158	Left temperature flap control motor
V159	Right temperature flap control motor
112	Earth connection 2, in air conditioning system wiring harness
L31	Connection (5V), in air conditioning system wiring harness

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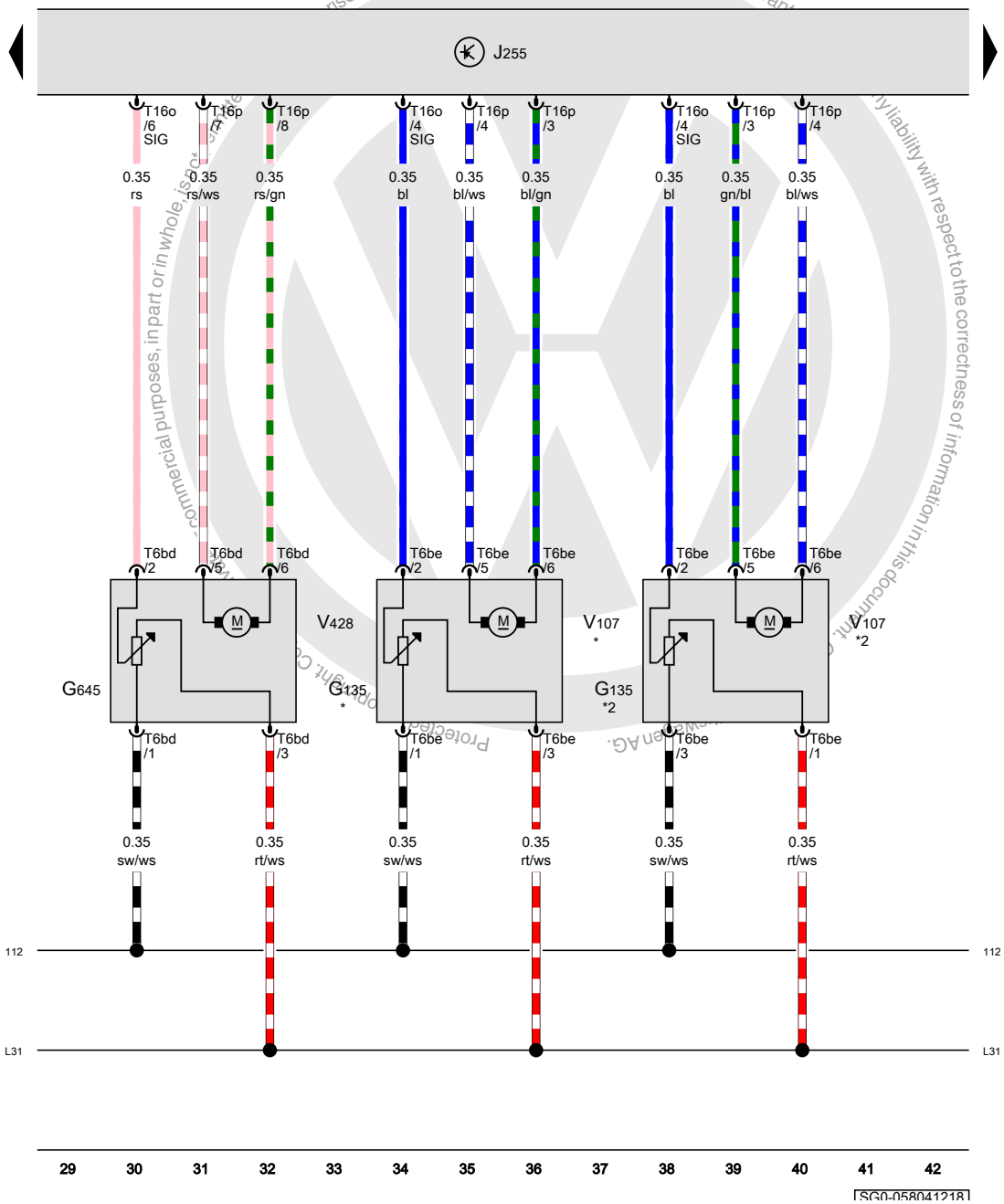
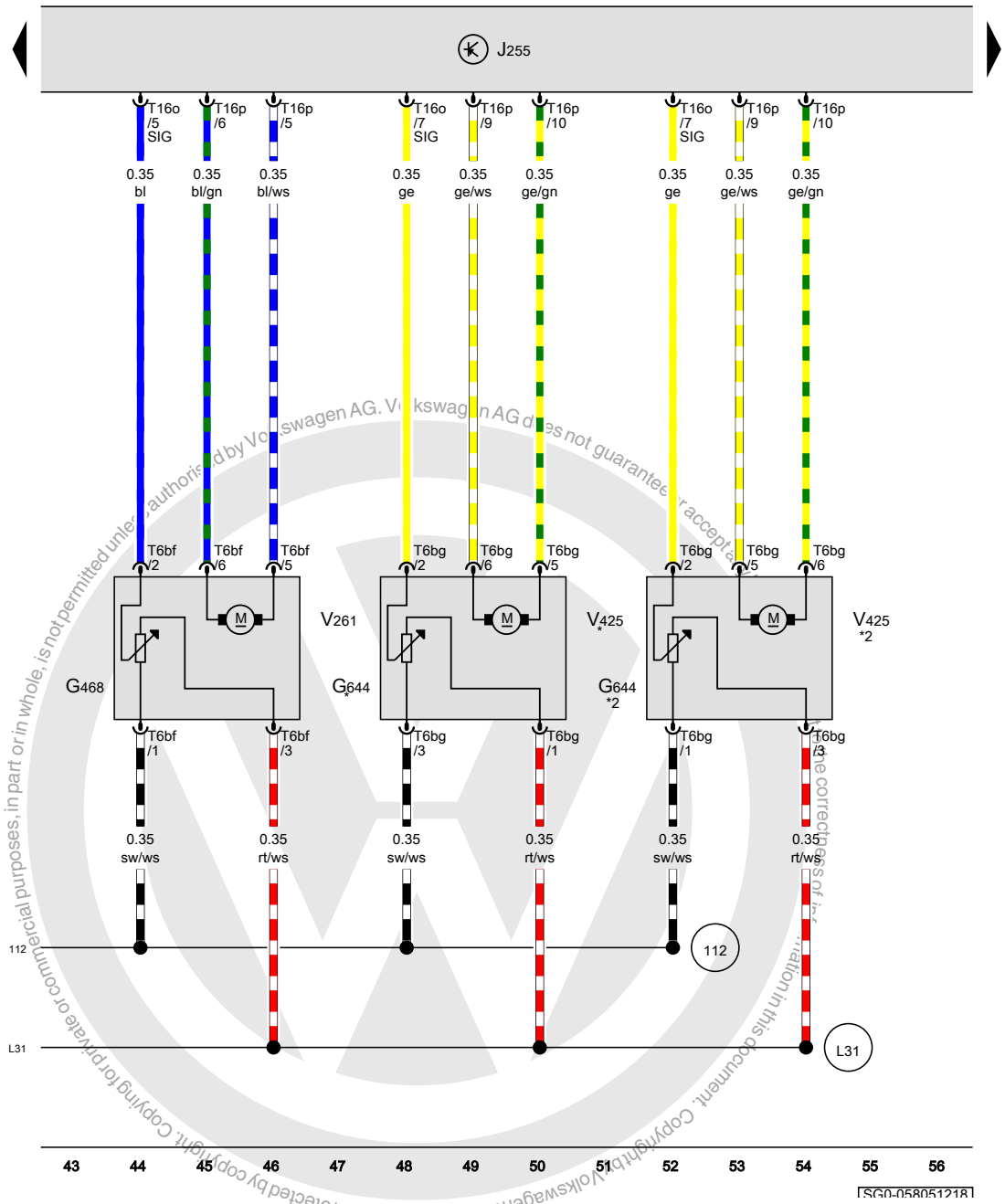


Potentiometer for defroster flap control motor, Potentiometer for air distribution flap control motor, Climatronic control unit, Defroster flap control motor, Air distribution flap control motor

G135	Potentiometer for defroster flap control motor
G645	Potentiometer for air distribution flap control motor
J255	Climatronic control unit
T6bd	6-pin connector, blue
T6be	6-pin connector, blue
T16o	16-pin connector, black
T16p	16-pin connector, brown
V107	Defroster flap control motor
V428	Air distribution flap control motor
112	Earth connection 2, in air conditioning system wiring harness
L31	Connection (5V), in air conditioning system wiring harness
*	For left-hand drive models
*2	For right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Potentiometer for footwell vent control motor, Potentiometer for fresh air/air recirculation, air flow flap control motor, Climatronic control unit, Footwell flap control motor, Fresh air/air recirculation, air flow flap control motor

G468	Potentiometer for footwell vent control motor
G644	Potentiometer for fresh air/air recirculation, air flow flap control motor
J255	Climatronic control unit
T6bf	6-pin connector, blue
T6bg	6-pin connector, blue
T16o	16-pin connector, black
T16p	16-pin connector, brown
V261	Footwell flap control motor
V425	Fresh air/air recirculation, air flow flap control motor
112	Earth connection 2, in air conditioning system wiring harness
L31	Connection (5V), in air conditioning system wiring harness
*	For left-hand drive models
*2	For right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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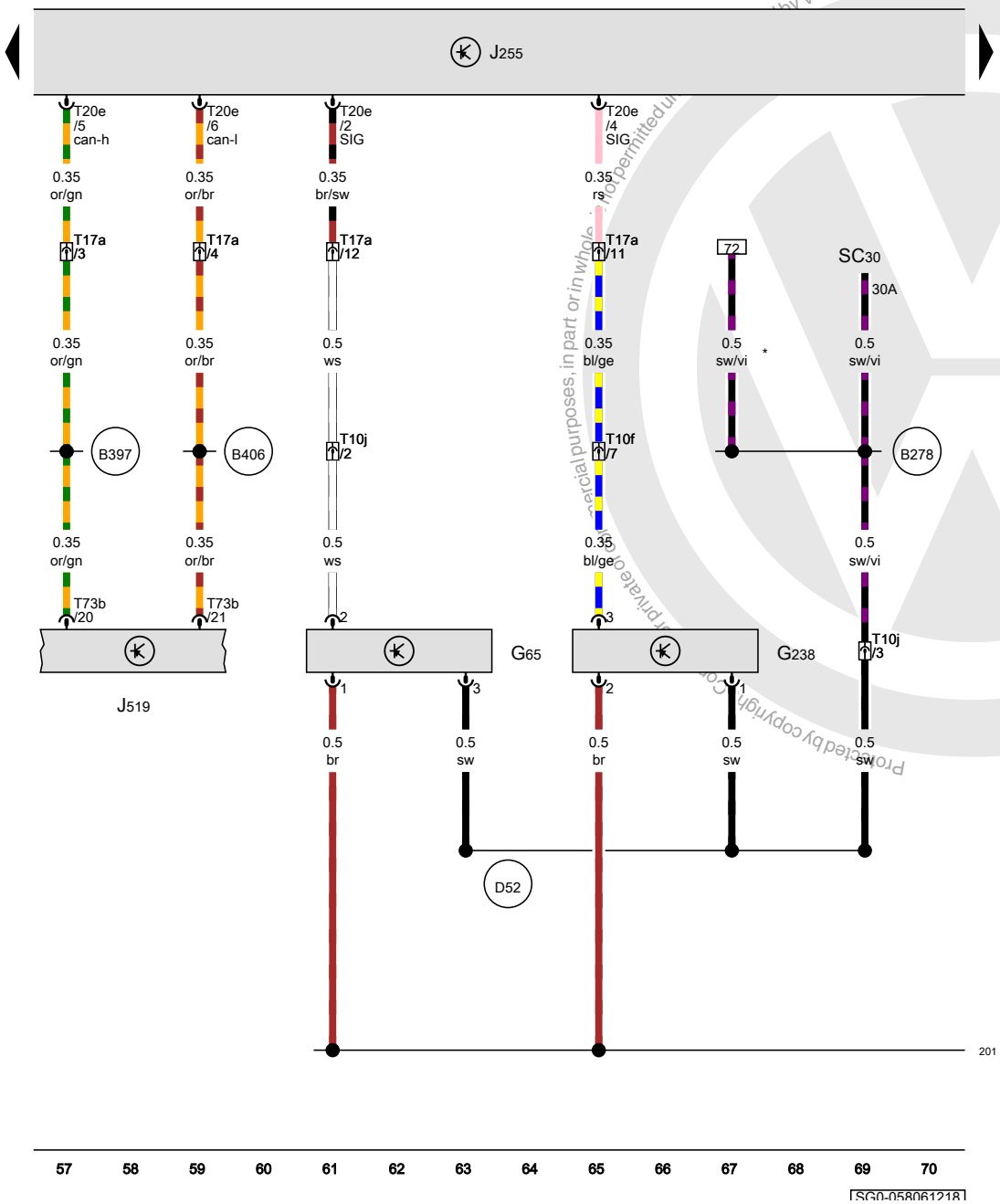

High-pressure sender, Air quality sensor, Climatronic control unit, Onboard supply control unit, Fuse 30 on fuse holder C

G65	High-pressure sender
G238	Air quality sensor
J255	Climatronic control unit
J519	Onboard supply control unit
SC30	Fuse 30 on fuse holder C
T10f	10-pin connector, green, in E-box in engine compartment
T10j	10-pin connector, dark brown, in E-box in engine compartment
T17a	17-pin connector, black, behind glove compartment
T20e	20-pin connector, black
T73b	73-pin connector, white
201	Earth connection 5, in engine compartment wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
D52	Positive connection (15a), in engine compartment wiring harness
*	For countries with hot climate

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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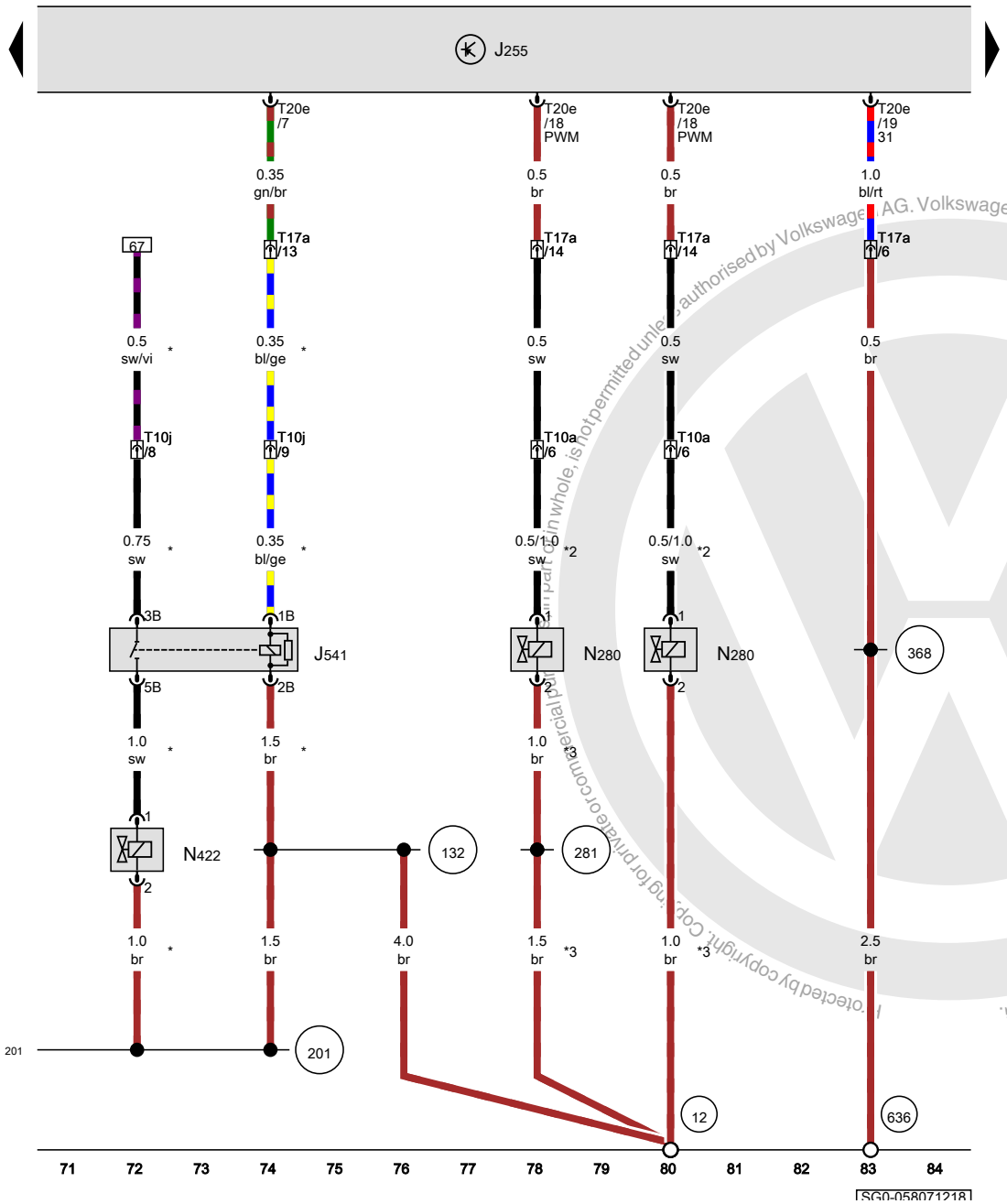

Climatronic control unit, Coolant shut-off valve relay, Air conditioner compressor regulating valve, Climatronic coolant shut-off valve

J255	Climatronic control unit
J541	Coolant shut-off valve relay
N280	Air conditioner compressor regulating valve
N422	Climatronic coolant shut-off valve
T10a	10-pin connector, brown, in E-box in engine compartment
T10j	10-pin connector, dark brown, in E-box in engine compartment
T17a	17-pin connector, black, behind glove compartment
T20e	20-pin connector, black
12	Earth point, on left in engine compartment
132	Earth connection 3, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
368	Earth connection 3, in main wiring harness
636	Earth point, onboard supply control unit
*	For countries with hot climate
*2	Cross section depends on equipment
*3	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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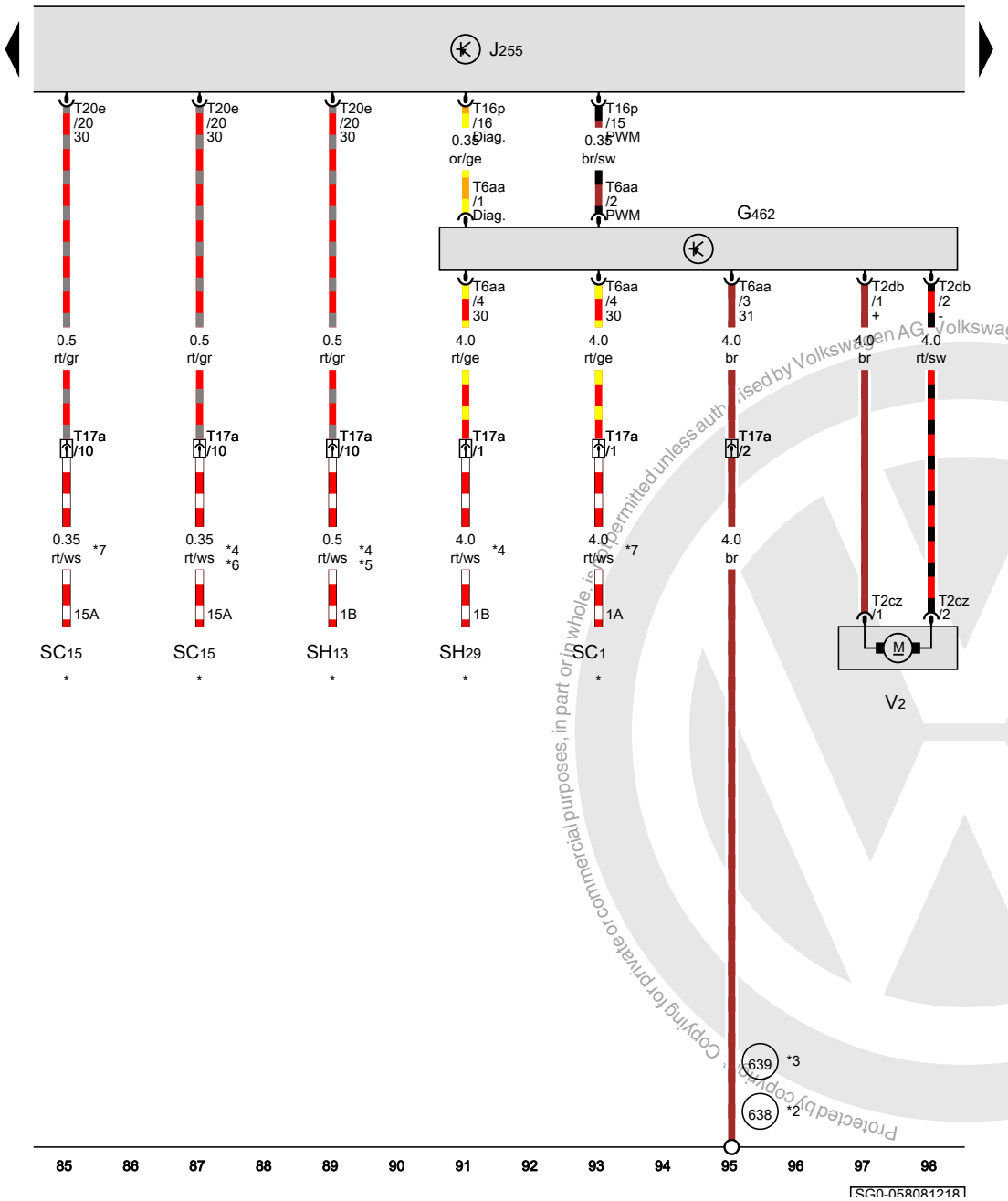
Sender for front Bitron blower regulation, Climatronic control unit, Fuse 1 on fuse holder C, Fuse 13 in fuse holder H, Fuse 15 on fuse holder C, Fuse 29 in fuse holder H, Fresh air blower



G462	Sender for front Bitron blower regulation
J255	Climatronic control unit
SC1	Fuse 1 on fuse holder C
SH13	Fuse 13 in fuse holder H
SC15	Fuse 15 on fuse holder C
SH29	Fuse 29 in fuse holder H
T2cz	2-pin connector, black
T2db	2-pin connector, black
T6aa	6-pin connector, brown
T16p	16-pin connector, brown
T17a	17-pin connector, black, behind glove compartment
T20e	20-pin connector, black
V2	Fresh air blower
638	Earth point, on right A-pillar
639	Earth point, left A-pillar
*	see applicable current flow diagram for fuse assignment
*2	For left-hand drive models
*3	For right-hand drive models
*4	For models with auxiliary coolant heater
*5	For models with start/stop system
*6	For models with no start/stop system
*7	For models with no auxiliary coolant heater

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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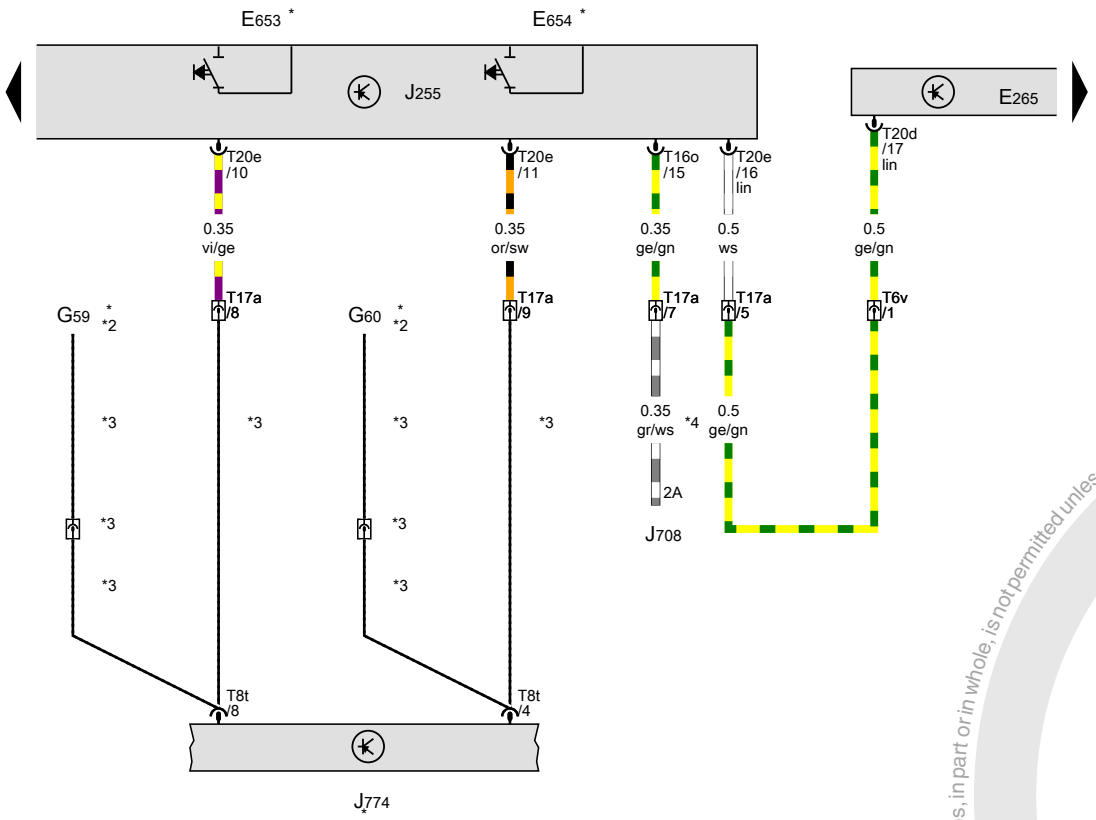

99 100 101 102 103 104 105 106 107 108 109 110 111 112

[SG0-058091218]

Operating and display unit for rear air conditioning system, Button for left seat heating, Button for right seat heating, Climatronic control unit, Heated front seats control unit

E265	Operating and display unit for rear air conditioning system
E653	Button for left seat heating
E654	Button for right seat heating
G59	Driver seat temperature sensor
G60	Front passenger seat temperature sensor
J255	Climatronic control unit
J708	Residual heat relay
J774	Heated front seats control unit
T6v	6-pin connector, white, under seat on front right
T8t	8-pin connector, black
T16o	16-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T20d	20-pin connector, black
T20e	20-pin connector, black
*	For models with heated seats
*2	For left-hand drive models
*3	see applicable current flow diagram for seat heating
*4	see applicable current flow diagram for auxiliary coolant heater

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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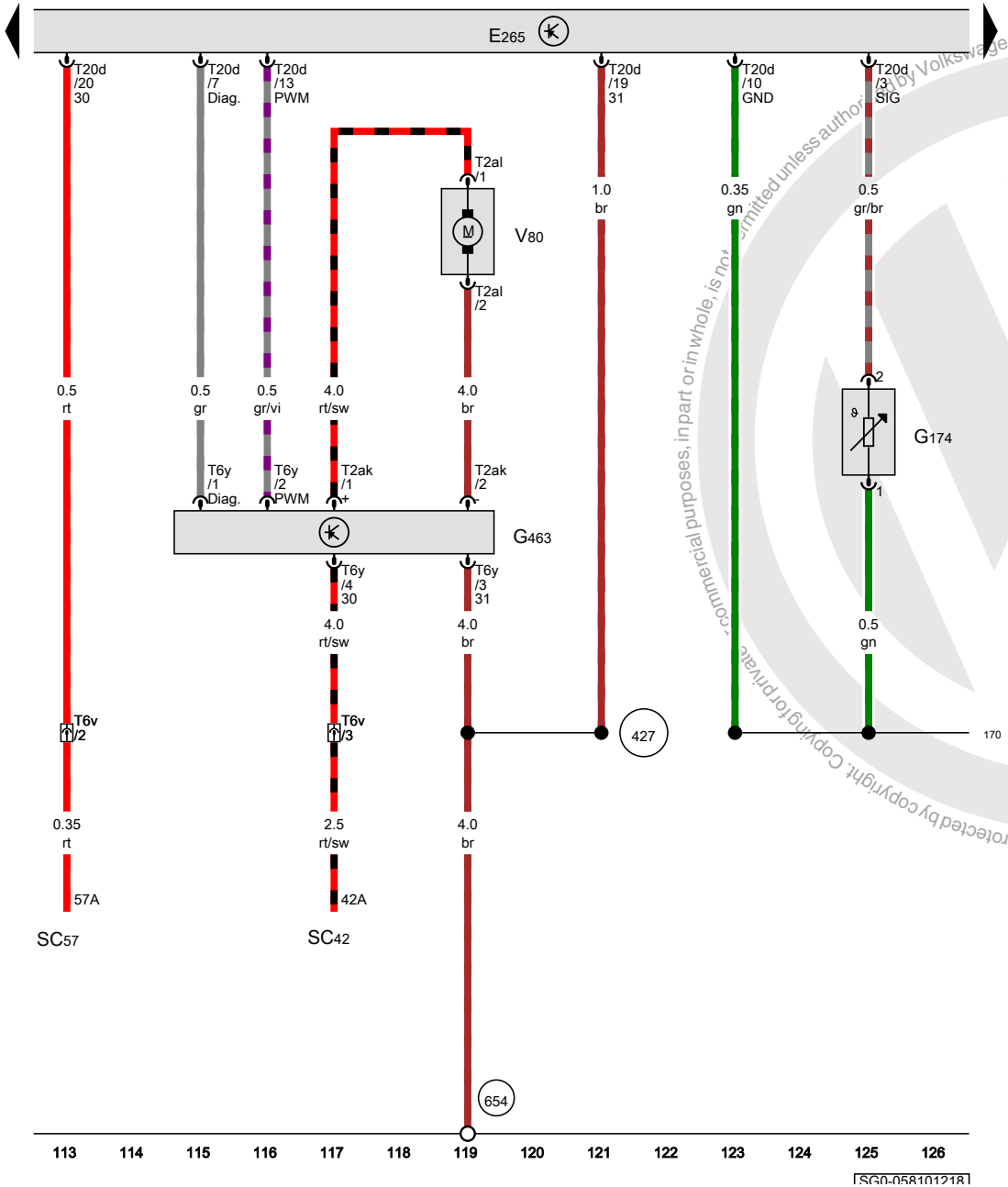
Operating and display unit for rear air conditioning system, Rear vent temperature sender, Rear blower regulation sender, Fuse 42 on fuse holder C, Fuse 57 on fuse holder C, Rear fresh air blower



E265	Operating and display unit for rear air conditioning system
G174	Rear vent temperature sender
G463	Rear blower regulation sender
SC42	Fuse 42 on fuse holder C
SC57	Fuse 57 on fuse holder C
T2ak	2-pin connector, black
T2al	2-pin connector, black
T6v	6-pin connector, white, under seat on front right
T6y	6-pin connector, brown
T20d	20-pin connector, black
V80	Rear fresh air blower
170	Earth connection 1, in air conditioning system/Climatronic operating unit wiring harness
427	Earth connection 3, in right rear end wiring harness
654	Earth point, on right D-pillar

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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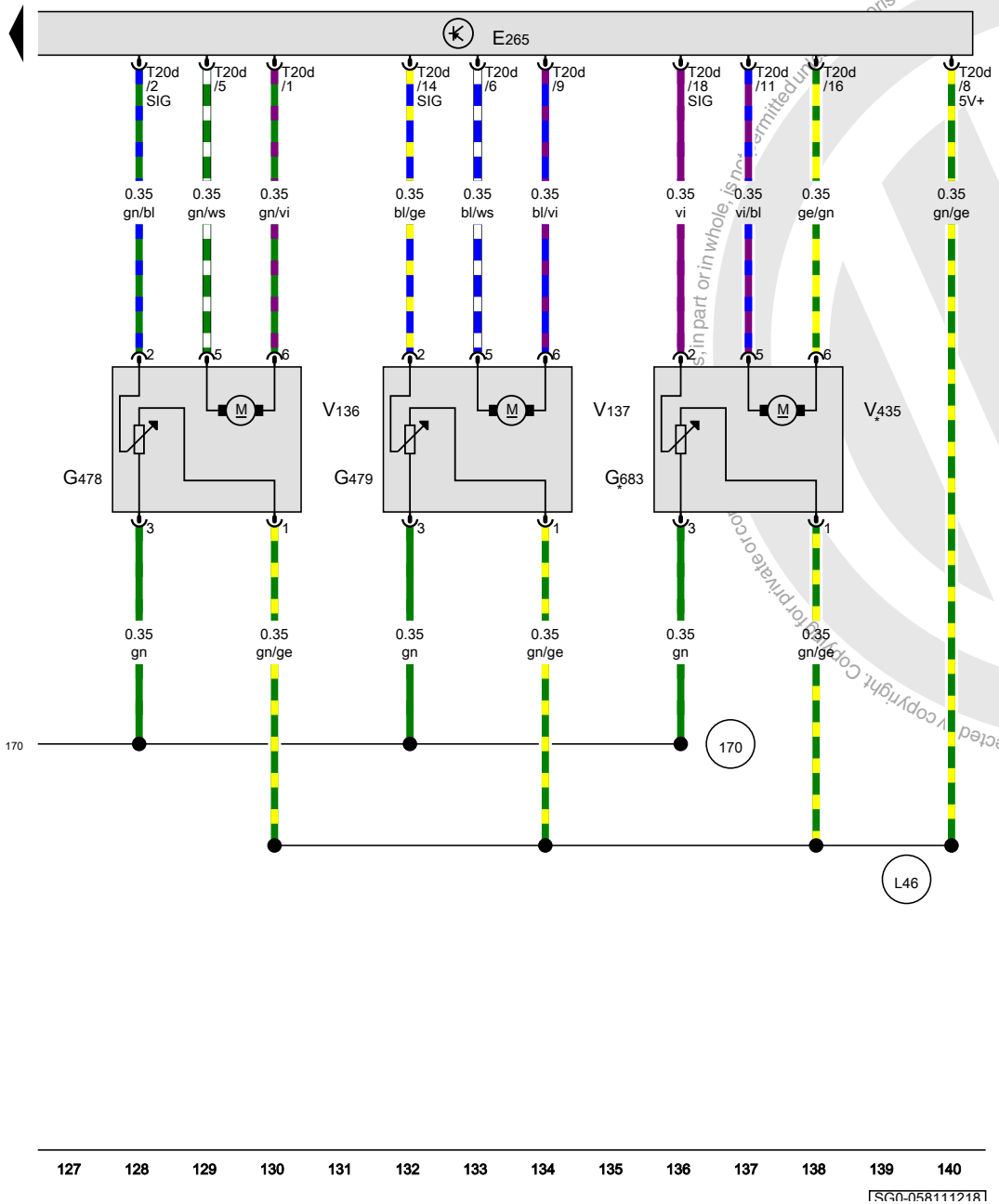

Operating and display unit for rear air conditioning system, Potentiometer for rear air distribution control motor, Potentiometer for rear temperature flap motor, Potentiometer for rear air distribution control motor 2, Rear air distribution control motor, Rear temperature flap control motor, Rear air distribution control motor 2

E265	Operating and display unit for rear air conditioning system
G478	Potentiometer for rear air distribution control motor
G479	Potentiometer for rear temperature flap motor
G683	Potentiometer for rear air distribution control motor 2
T20d	20-pin connector, black
V136	Rear air distribution control motor
V137	Rear temperature flap control motor
V435	Rear air distribution control motor 2
170	Earth connection 1, in air conditioning system/Climatronic operating unit wiring harness
L46	Connection (5 Volt), in Climatronic operating unit wiring harness
*	For models with side window vents in passenger compartment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

127 128 129 130 131 132 133 134 135 136 137 138 139 140

[SG0-058111218]

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Auxiliary coolant heater, with remote control receiver/ preselection clock , (7VE),(7VL)

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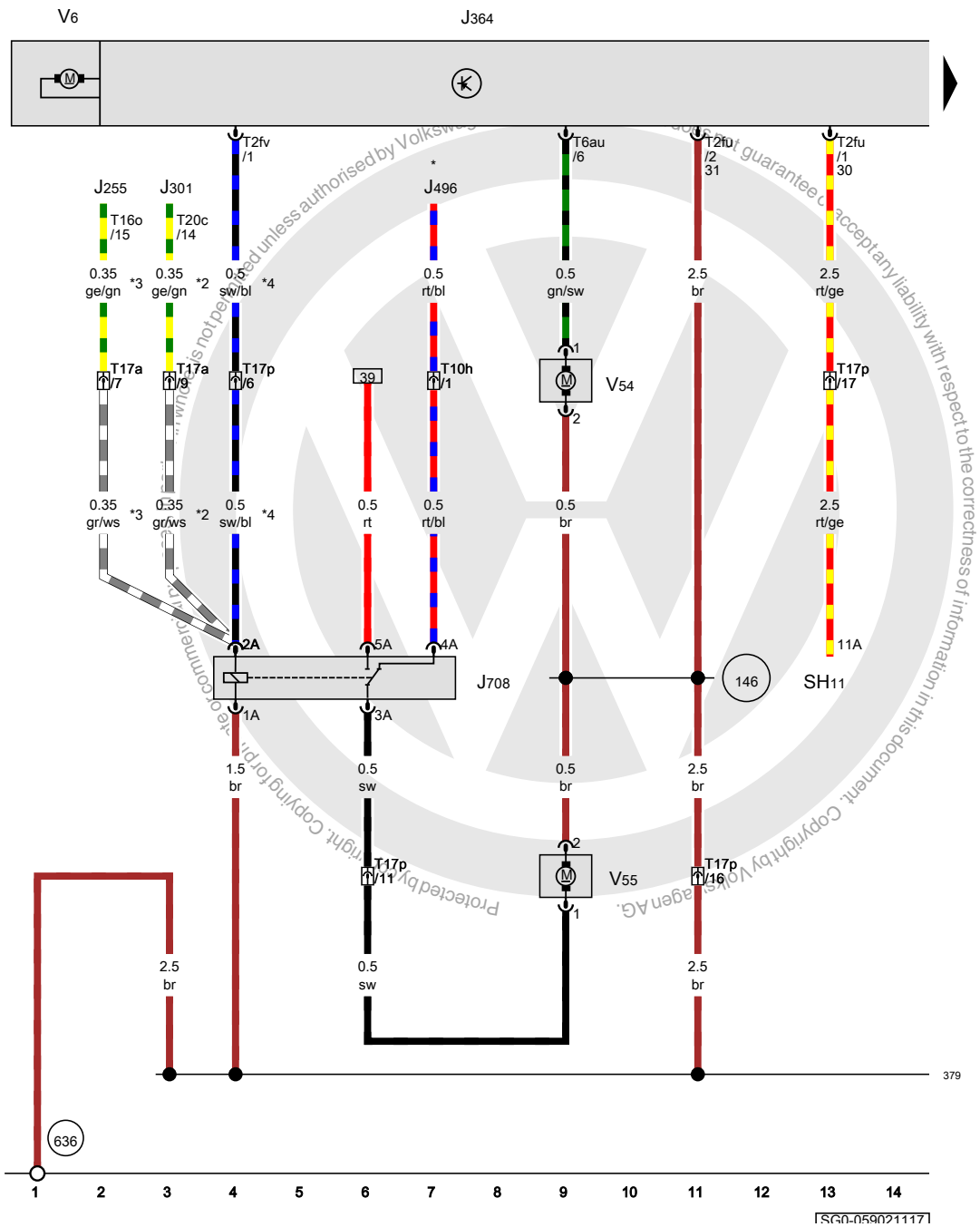

Auxiliary heater control unit, Residual heat relay, Fuse 11 in fuse holder H, Combustion air blower, Metering pump, Circulation pump

J255	Climatronic control unit
J301	Air conditioning system control unit
J364	Auxiliary heater control unit
J496	Additional coolant pump relay
J708	Residual heat relay
SH11	Fuse 11 in fuse holder H
T2fu	2-pin connector, black
T2fv	2-pin connector, black
T6au	6-pin connector, black
T10h	10-pin connector, orange, in E-box in engine compartment
T16o	16-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T17p	17-pin connector, red, under seat on front left
T20c	20-pin connector, black
V6	Combustion air blower
V54	Metering pump
V55	Circulation pump
146	Earth connection 1, in auxiliary heater wiring harness
379	Earth connection 14, in main wiring harness
636	Earth point, onboard supply control unit
*	see applicable current flow diagram for engine
*2	For models with Climatic
*3	For models with Climatronic
*4	For models with no air conditioning system/Climatronic

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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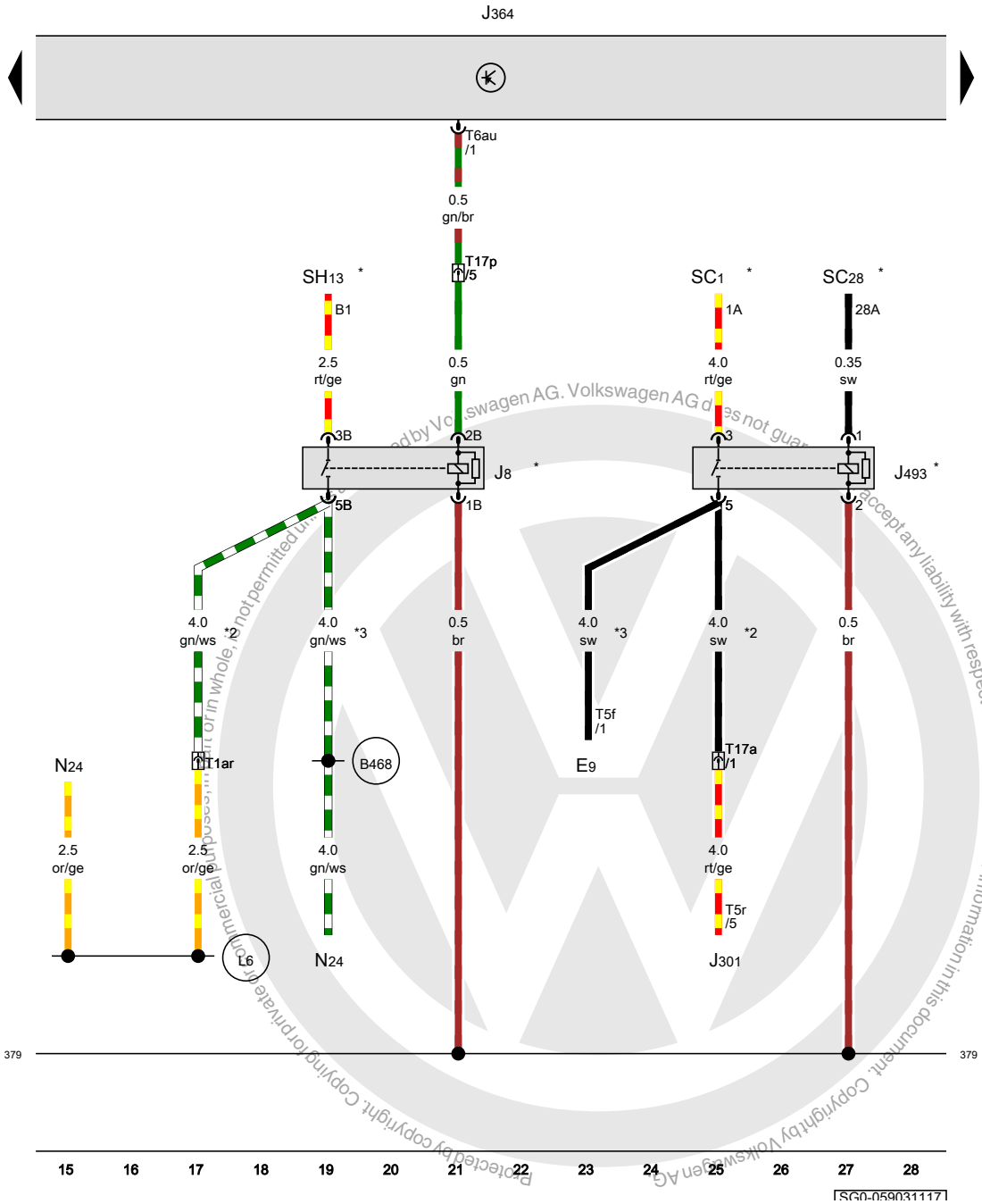

Auxiliary heater relay, Auxiliary heater control unit, Auxiliary coolant heater relay, Fuse 1 on fuse holder C, Fuse 13 in fuse holder H, Fuse 28 on fuse holder C

E9	Fresh air blower switch
J8	Auxiliary heater relay
J301	Air conditioning system control unit
J364	Auxiliary heater control unit
J493	Auxiliary coolant heater relay
N24	Fresh air blower series resistor with overheating fuse
SC1	Fuse 1 on fuse holder C
SH13	Fuse 13 in fuse holder H
SC28	Fuse 28 on fuse holder C
T1ar	1-pin connector, black, behind glove compartment
T5f	5-pin connector, black
T5r	5-pin connector, black
T6au	6-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T17p	17-pin connector, red, under seat on front left
379	Earth connection 14, in main wiring harness
B468	Connection 4, in main wiring harness
L6	Connection 2, in evaporator housing unit wiring harness
*	For models with no Climatronic
*2	For models with Climatic
*3	For models with no air conditioning system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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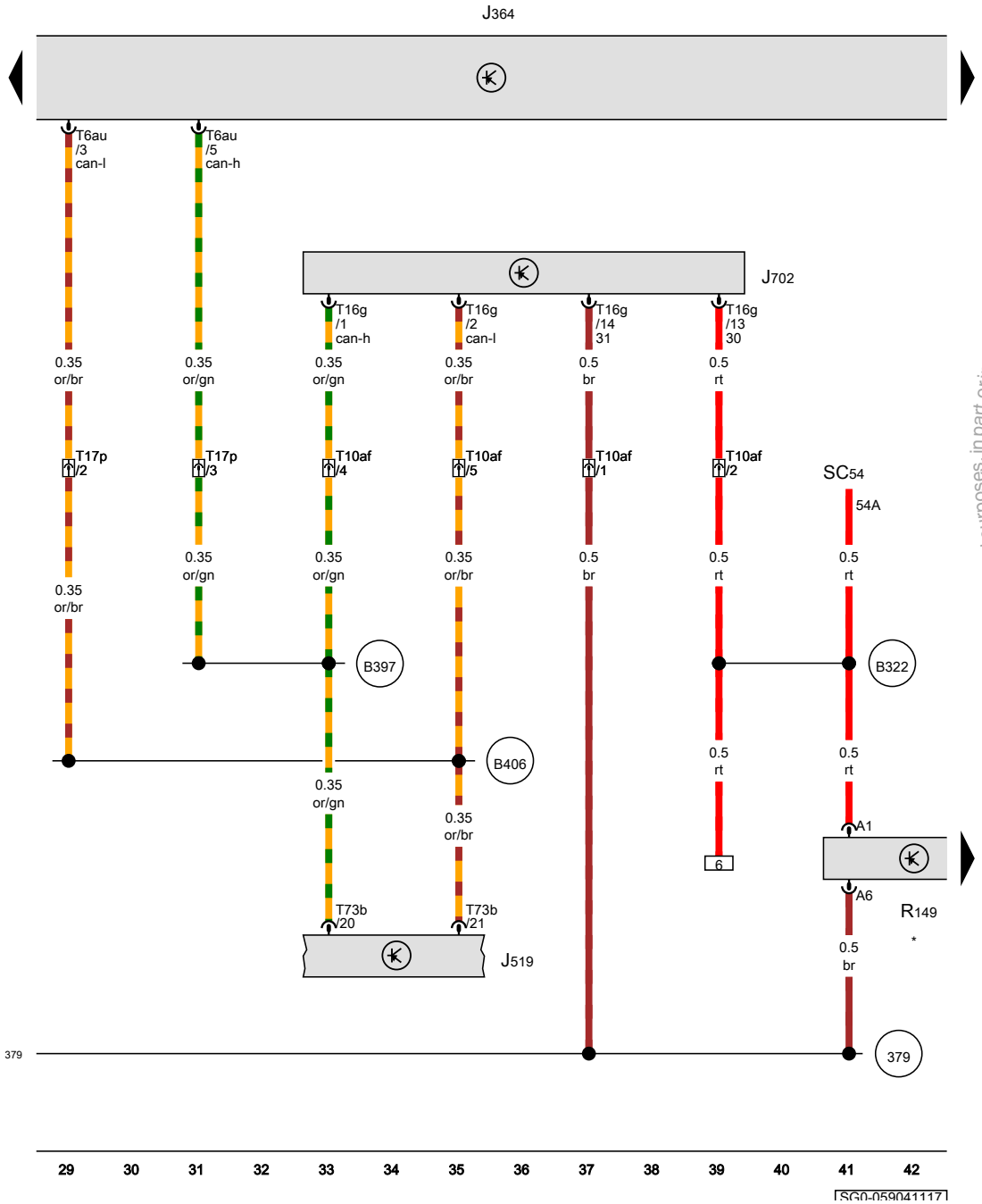

Auxiliary heater control unit, Onboard supply control unit, Roof display unit, Remote control receiver for auxiliary coolant heater, Fuse 54 on fuse holder C

J364	Auxiliary heater control unit
J519	Onboard supply control unit
J702	Roof display unit
R149	Remote control receiver for auxiliary coolant heater
SC54	Fuse 54 on fuse holder C
T6au	6-pin connector, black
T10af	10-pin connector, blue, in left A-pillar coupling station
T16g	16-pin connector, black
T17p	17-pin connector, red, under seat on front left
T73b	73-pin connector, white
379	Earth connection 14, in main wiring harness
B322	Positive connection 8 (30a) in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	For models with remote control receiver for auxiliary heater

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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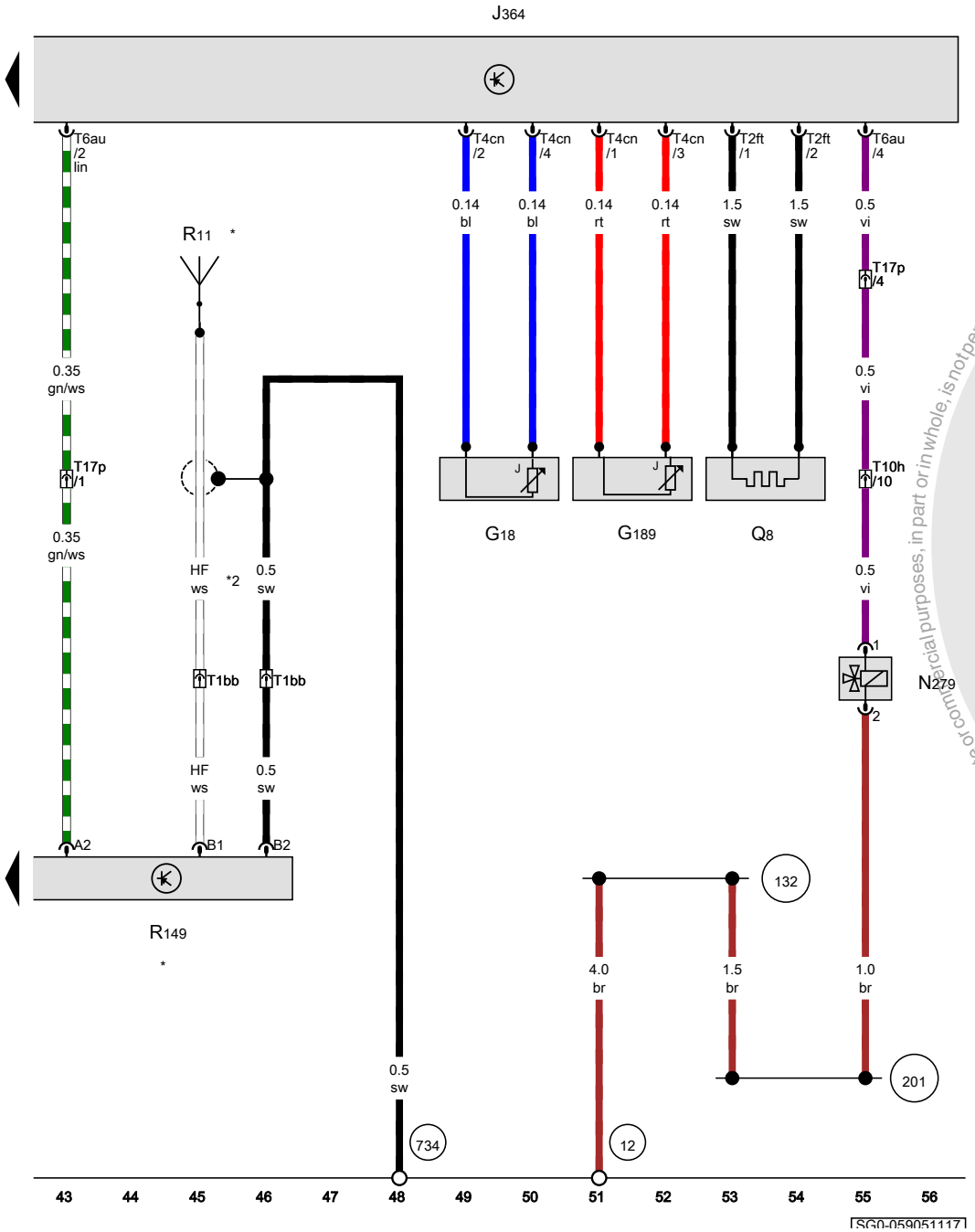

Temperature sensor, Auxiliary heater control unit, Heater coolant shut-off valve, Glow plug with flame monitor, Aerial, Remote control receiver for auxiliary coolant heater

G18	Temperature sensor
G189	Overheating sensor
J364	Auxiliary heater control unit
N279	Heater coolant shut-off valve
Q8	Glow plug with flame monitor
R11	Aerial, in front left door
R149	Remote control receiver for auxiliary coolant heater
T1bb	1-pin connector, yellow, on left A-pillar
T2ft	2-pin connector, black
T4cn	4-pin connector, black
T6au	6-pin connector, black
T10h	10-pin connector, orange, in E-box in engine compartment
T17p	17-pin connector, red, under seat on front left
12	Earth point, on left in engine compartment
132	Earth connection 3, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
734	Earth point in front left door
*	For models with remote control receiver for auxiliary heater
*2	Wiring open end

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Supplementary heater , (9M5),(7VF),(7VG)

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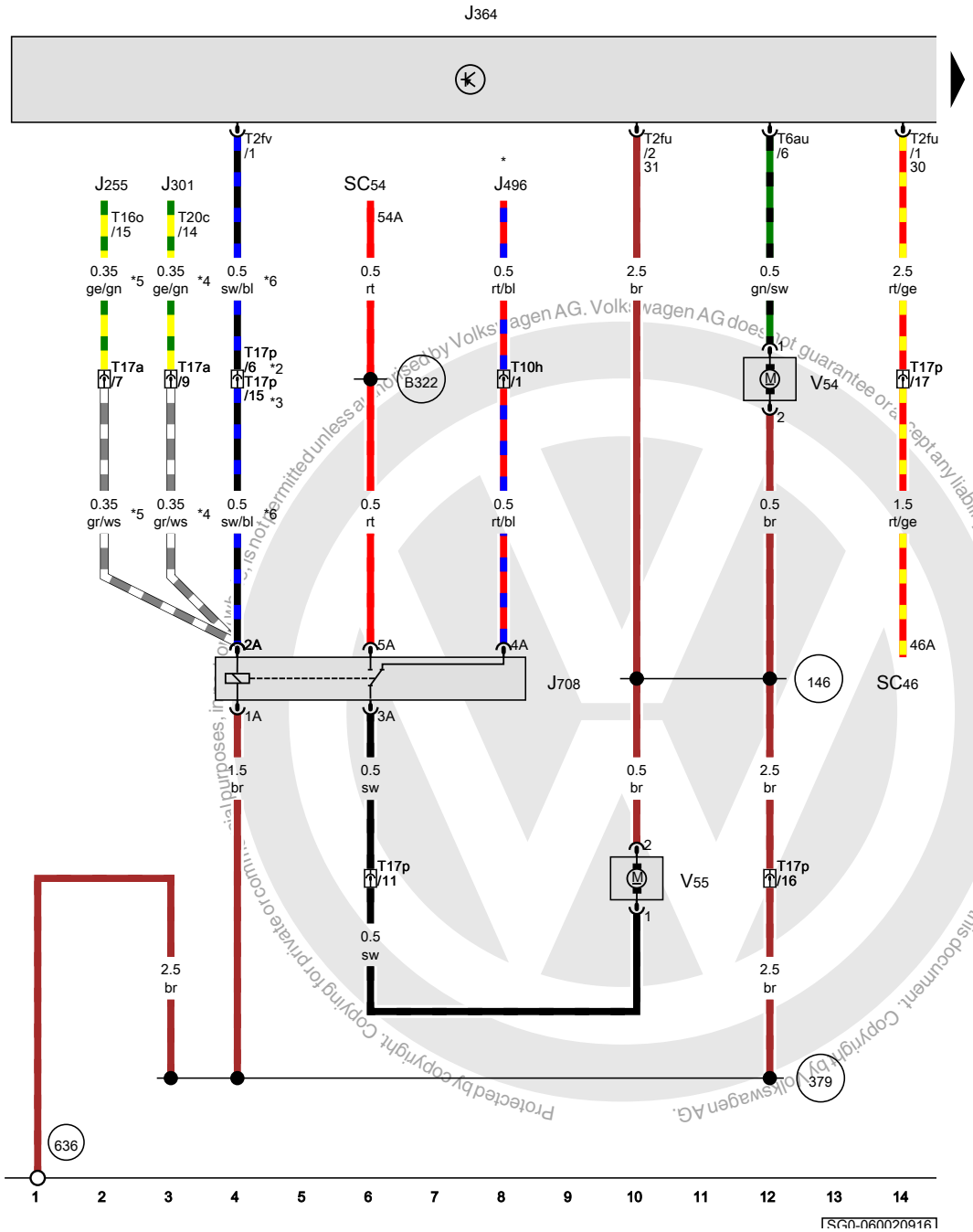

Auxiliary heater control unit, Residual heat relay, Fuse 46 on fuse holder C, Fuse 54 on fuse holder C, Metering pump, Circulation pump

J255	Climatronic control unit
J301	Air conditioning system control unit
J364	Auxiliary heater control unit
J496	Additional coolant pump relay
J708	Residual heat relay
SC46	Fuse 46 on fuse holder C
SC54	Fuse 54 on fuse holder C
T2fu	2-pin connector, black
T2fv	2-pin connector, black
T6au	6-pin connector, black
T10h	10-pin connector, orange, in E-box in engine compartment
T16o	16-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T17p	17-pin connector, red, under seat on front left
T20c	20-pin connector, black
V54	Metering pump
V55	Circulation pump
146	Earth connection 1, in auxiliary heater wiring harness
379	Earth connection 14, in main wiring harness
636	Earth point, onboard supply control unit
B322	Positive connection 8 (30a) in main wiring harness
*	see applicable current flow diagram for engine
*2	Up to June 2016
*3	From June 2016
*4	Only models with Climatic
*5	Only models with Climatronic
*6	Only models with no air conditioning system/Climatronic

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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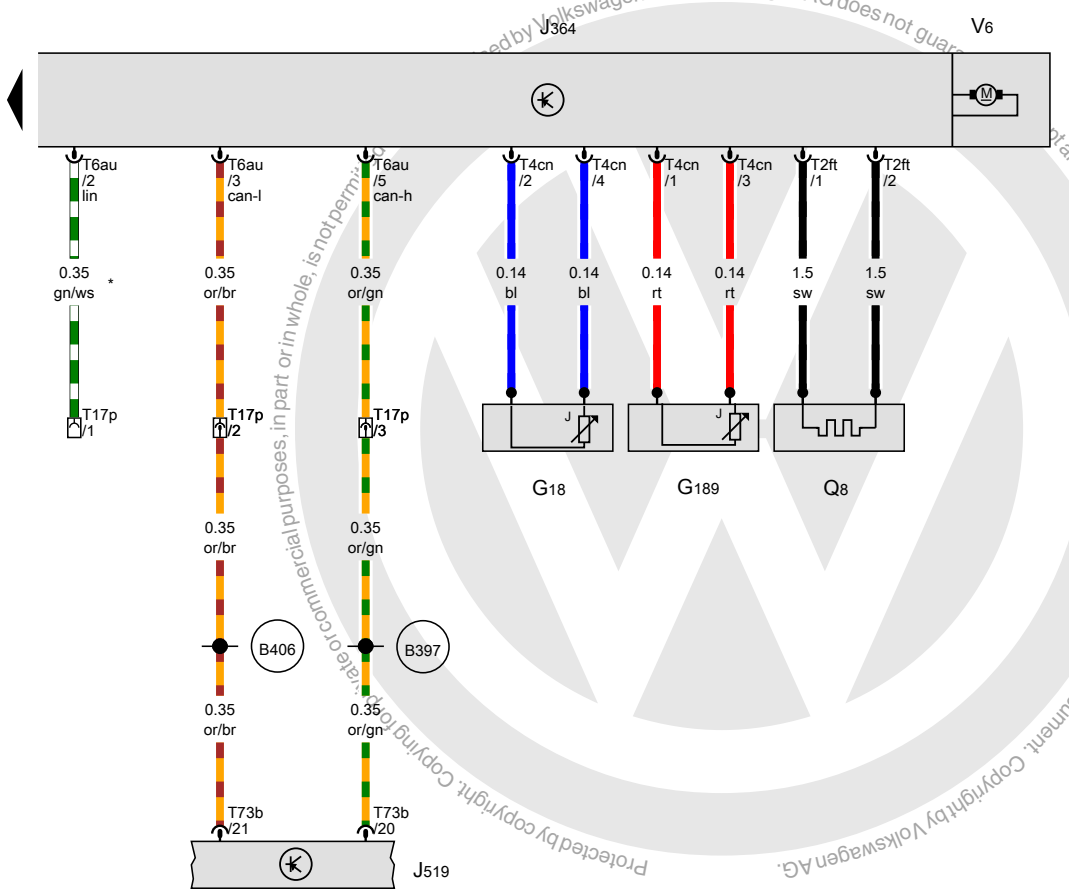

Temperature sensor, Auxiliary heater control unit, Onboard supply control unit, Glow plug with flame monitor, Combustion air blower

G18	Temperature sensor
G189	Overheating sensor
J364	Auxiliary heater control unit
J519	Onboard supply control unit
Q8	Glow plug with flame monitor
T2ft	2-pin connector, black
T4cn	4-pin connector, black
T6au	6-pin connector, black
T17p	17-pin connector, red, under seat on front left
T73b	73-pin connector, white
V6	Combustion air blower
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

15 16 17 18 19 20 21 22 23 24 25 26 27 28

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Residual heat and heater support whilst driving, no auxiliary heater , (7VA),(7VM),(9M0)

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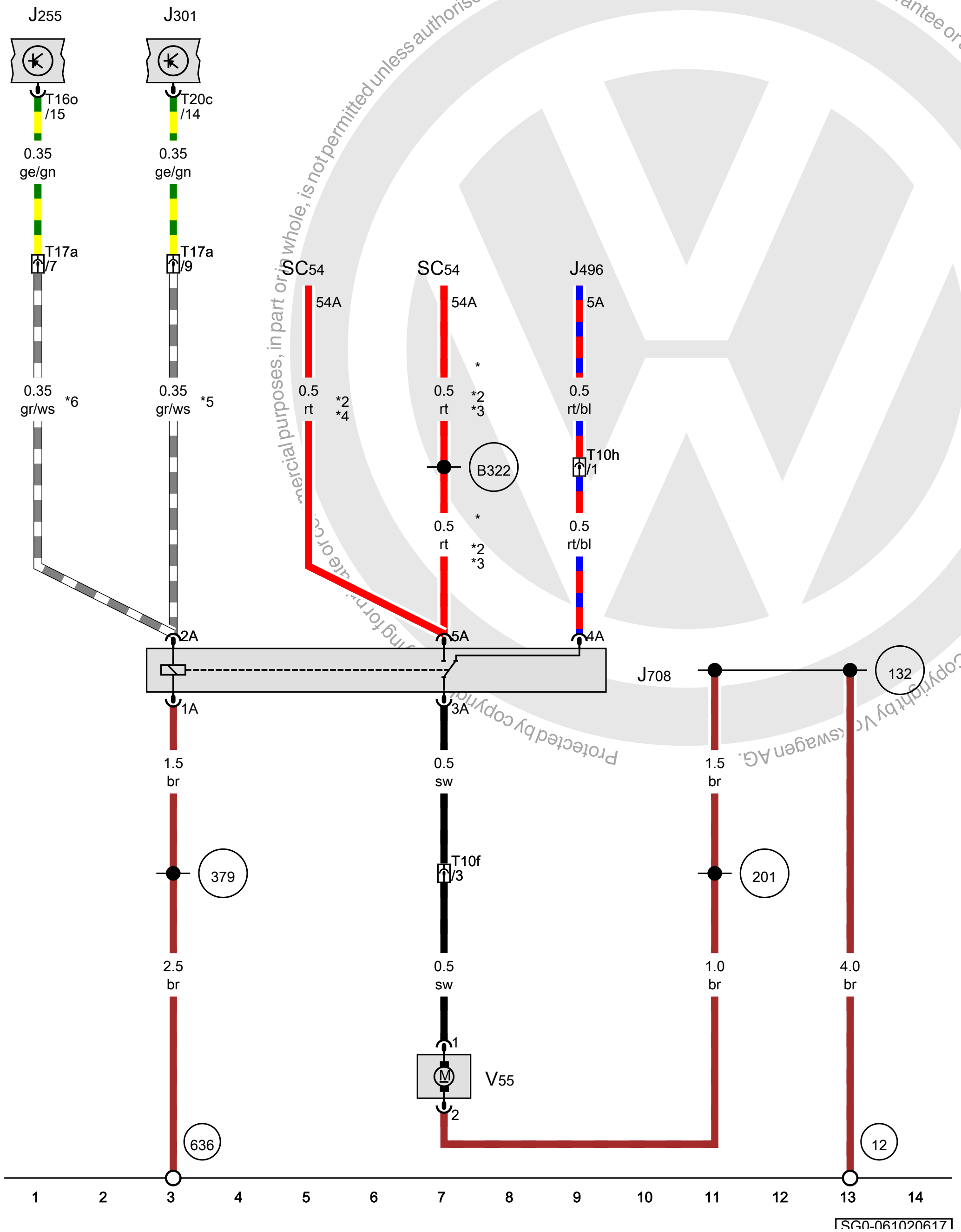

Additional coolant pump relay, Residual heat relay, Fuse 54 on fuse holder C, Circulation pump

J255	Climatronic control unit
J301	Air conditioning system control unit
J496	Additional coolant pump relay
J708	Residual heat relay
SC54	Fuse 54 on fuse holder C
T10f	10-pin connector, green, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T16o	16-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
V55	Circulation pump
12	Earth point, on left in engine compartment
132	Earth connection 3, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
379	Earth connection 14, in main wiring harness
636	Earth point, onboard supply control unit
B322	Positive connection 8 (30a) in main wiring harness
*	For models with auxiliary air heater
*2	For models with no auxiliary air heater
*3	From November 2016
*4	Up to November 2016
*5	For models with Climatic
*6	For models with Climatronic

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Auxiliary air heater , (7VA),(7VF),(7VG),(7VM)

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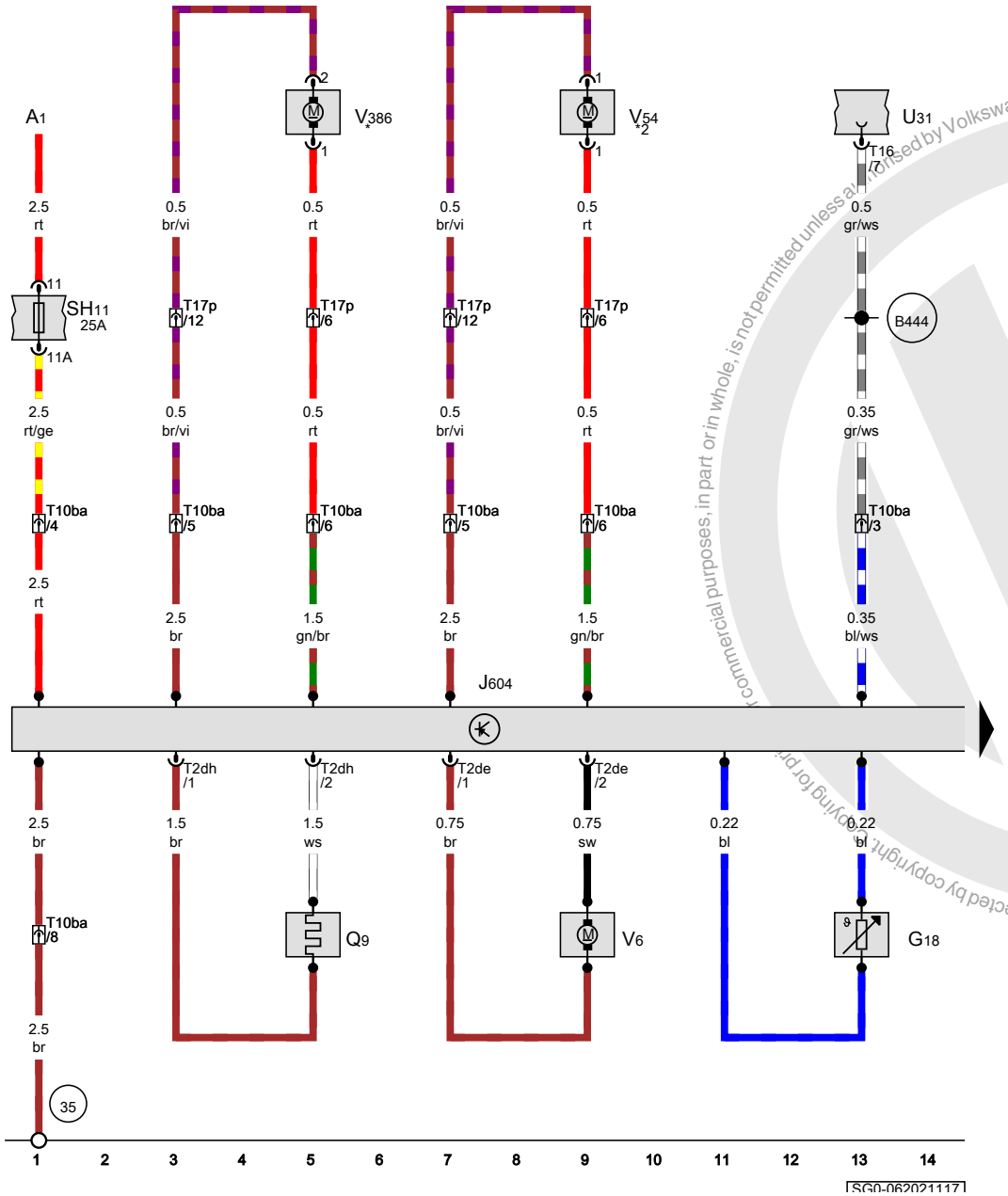
Second battery, Temperature sensor, Auxiliary air heater control unit, Glow plug for heater, Fuse 11 in fuse holder H, Diagnostic connection, Combustion air blower, Metering pump, Metering pump 2



A1	Second battery
G18	Temperature sensor
J604	Auxiliary air heater control unit
Q9	Glow plug for heater
SH11	Fuse 11 in fuse holder H
T2de	2-pin connector, white
T2dh	2-pin connector, black
T10ba	10-pin connector, blue, under seat on front right
T16	16-pin connector, black
T17p	17-pin connector, red, under seat on front left
U31	Diagnostic connection, on left in dash panel
V6	Combustion air blower
V54	Metering pump
V386	Metering pump 2
35	Earth point, under front passenger seat
B444	Connection 1 (diagnosis), in main wiring harness
*	For models with auxiliary coolant heater (supplementary heater)
*2	For models with no auxiliary coolant heater

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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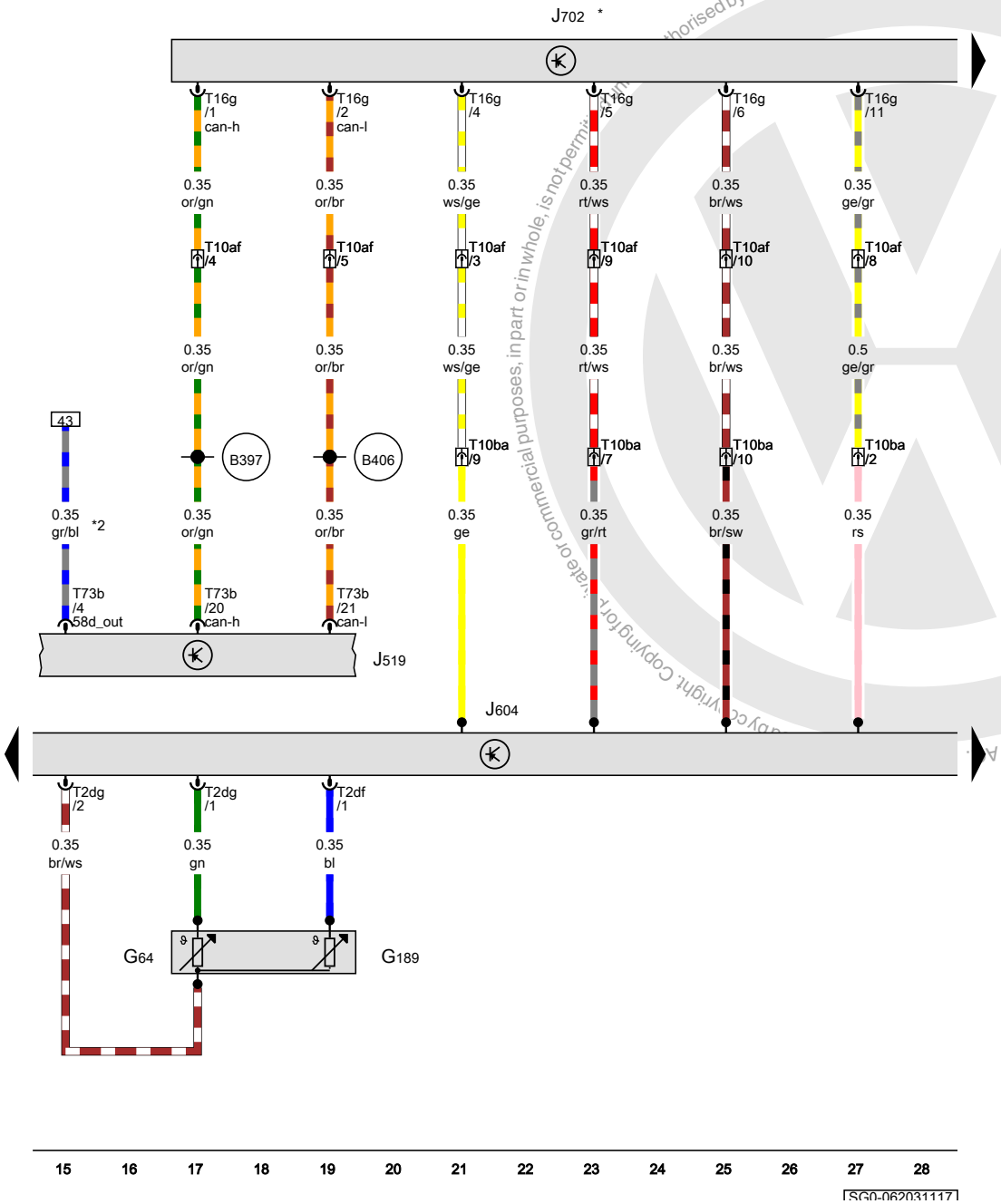

Flame monitor, Overheating sensor, Onboard supply control unit, Auxiliary air heater control unit, Roof display unit

G64	Flame monitor
G189	Overheating sensor
J519	Onboard supply control unit
J604	Auxiliary air heater control unit
J702	Roof display unit
T2df	2-pin connector, blue
T2dg	2-pin connector, green
T10af	10-pin connector, blue, in left A-pillar coupling station
T10ba	10-pin connector, blue, under seat on front right
T16g	16-pin connector, black
T73b	73-pin connector, white
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	For models with no camping equipment
*2	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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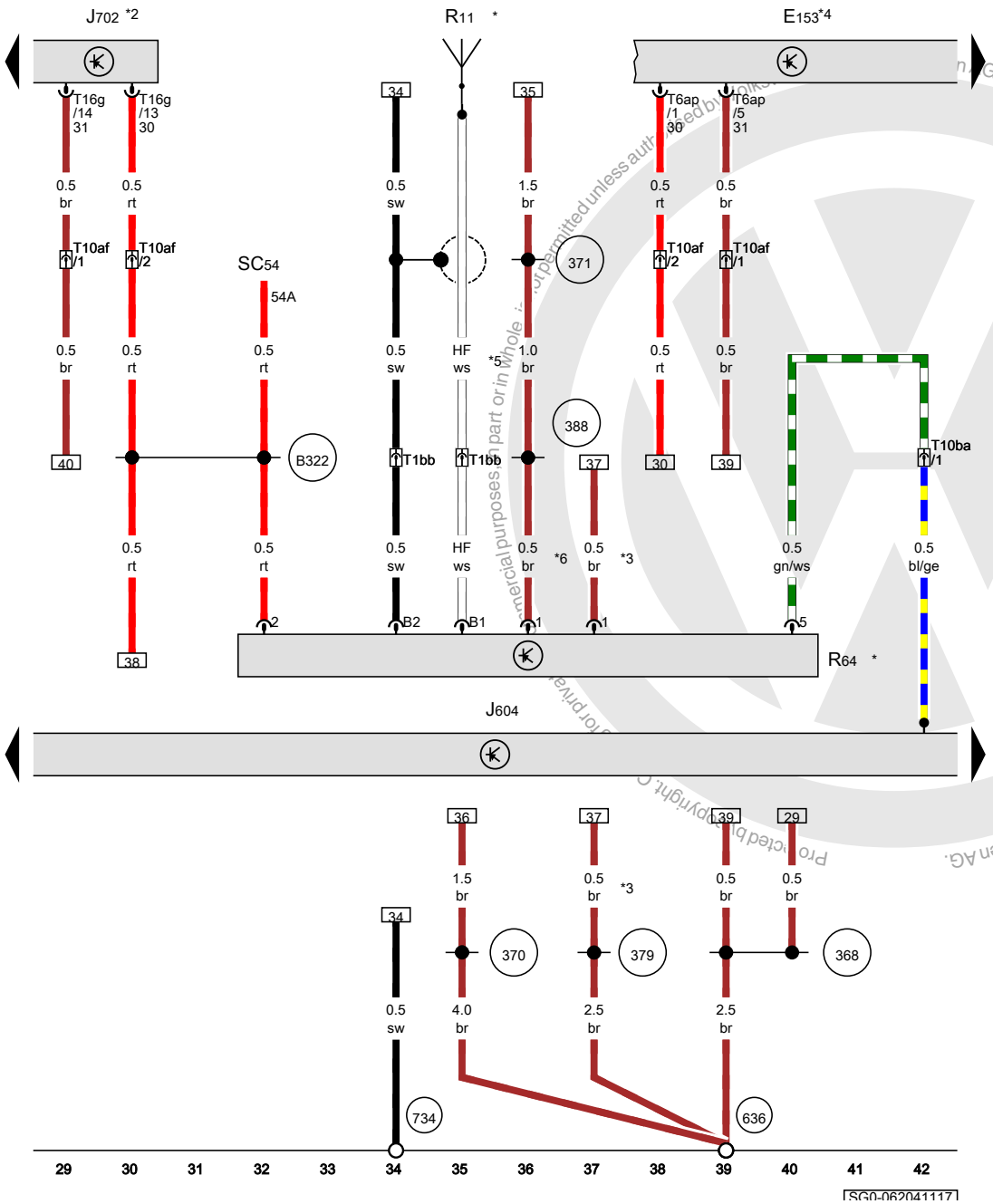

Operating and display unit for camping equipment, Auxiliary air heater control unit, Roof display unit, Aerial, Remote control receiver for auxiliary heater, Fuse 54 on fuse holder C

E153	Operating and display unit for camping equipment
J604	Auxiliary air heater control unit
J702	Roof display unit
R11	Aerial, in front left door
R64	Remote control receiver for auxiliary heater
SC54	Fuse 54 on fuse holder C
T1bb	1-pin connector, yellow, on left A-pillar
T6ap	6-pin connector, black
T10af	10-pin connector, blue, in left A-pillar coupling station
T10ba	10-pin connector, blue, under seat on front right
T16g	16-pin connector, black
368	Earth connection 3, in main wiring harness
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
379	Earth connection 14, in main wiring harness
388	Earth connection 23, in main wiring harness
636	Earth point, onboard supply control unit
734	Earth point in front left door
B322	Positive connection 8 (30a) in main wiring harness
*	For models with remote control receiver for auxiliary heater
*2	For models with no camping equipment
*3	Up to November 2015
*4	For Camper, not for Camper Beach
*5	Wiring open end
*6	From November 2015

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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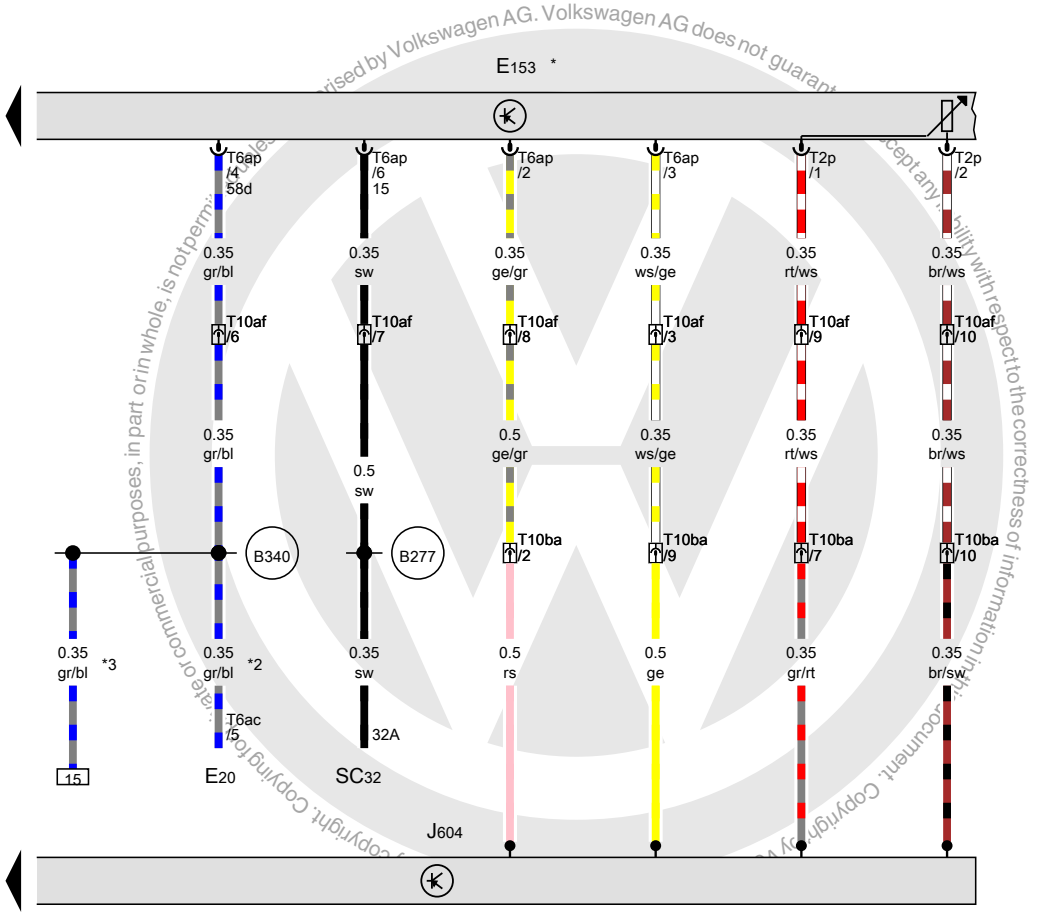

Switch and instrument illumination regulator, Operating and display unit for camping equipment, Auxiliary air heater control unit, Fuse 32 on fuse holder C

E20	Switch and instrument illumination regulator
E153	Operating and display unit for camping equipment
J604	Auxiliary air heater control unit
SC32	Fuse 32 on fuse holder C
T2p	2-pin connector, black
T6ac	6-pin connector, black
T6ap	6-pin connector, black
T10af	10-pin connector, blue, in left A-pillar coupling station
T10ba	10-pin connector, blue, under seat on front right
B277	Positive connection 1 (15a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
*	For Camper, not for Camper Beach
*2	For models with dimmable instrument illumination
*3	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

43 44 45 46 47 48 49 50 51 52 53 54 55 56

SG0-062051117

Power assisted steering

From June 2015

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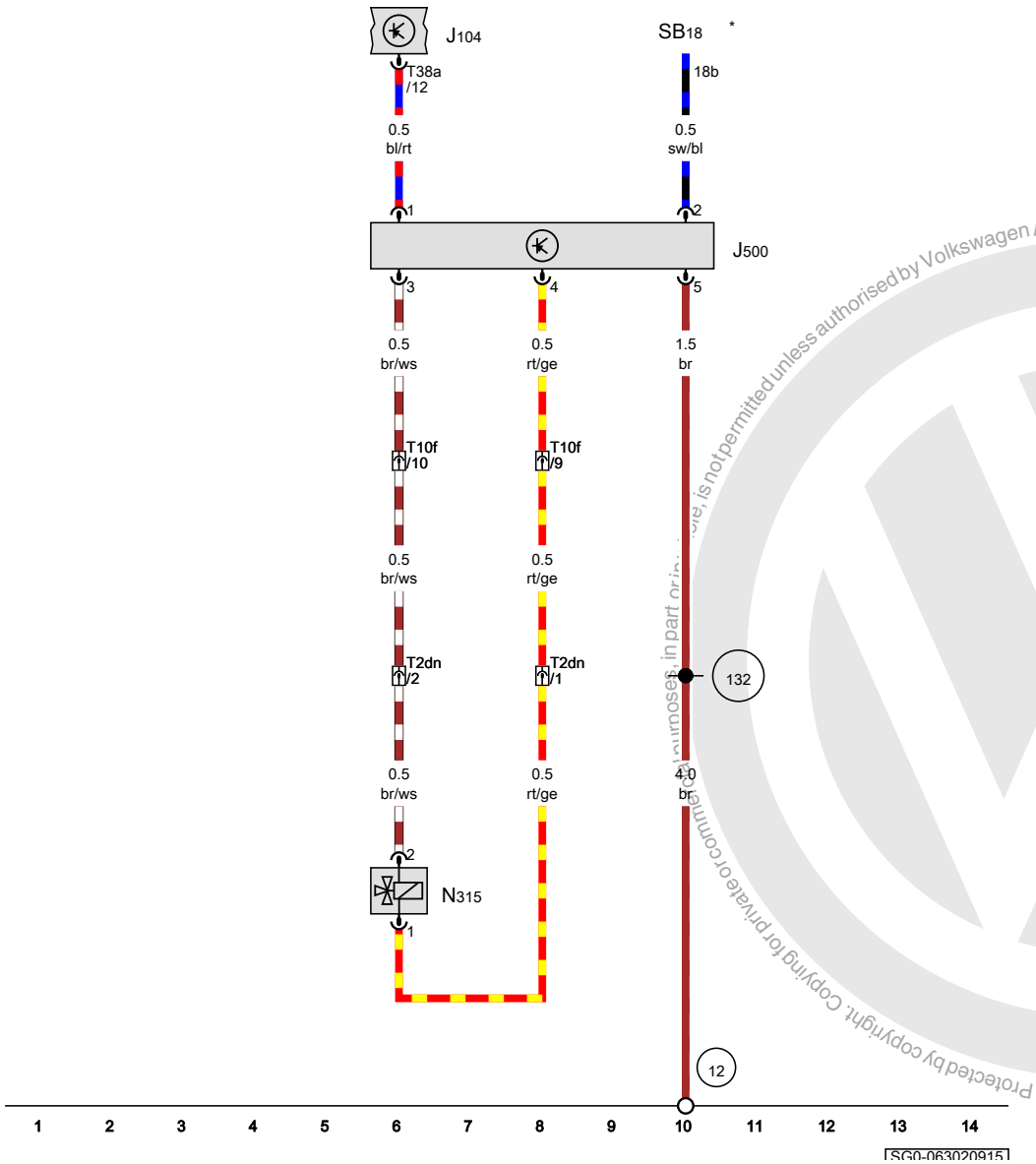
Power steering control unit, Power steering hydraulic pressure valve, Fuse 18 on fuse holder B

J104	ABS control unit
J500	Power steering control unit
N315	Power steering hydraulic pressure valve
SB18	Fuse 18 on fuse holder B
T2dn	2-pin connector, black, on underbody, near cross panel
T10f	10-pin connector, green, in E-box in engine compartment
T38a	38-pin connector, black
12	Earth point, on left in engine compartment
132	Earth connection 3, in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment



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sw	=	black
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rt	=	red
br	=	brown
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or	=	orange
rs	=	pink

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Lane change assist

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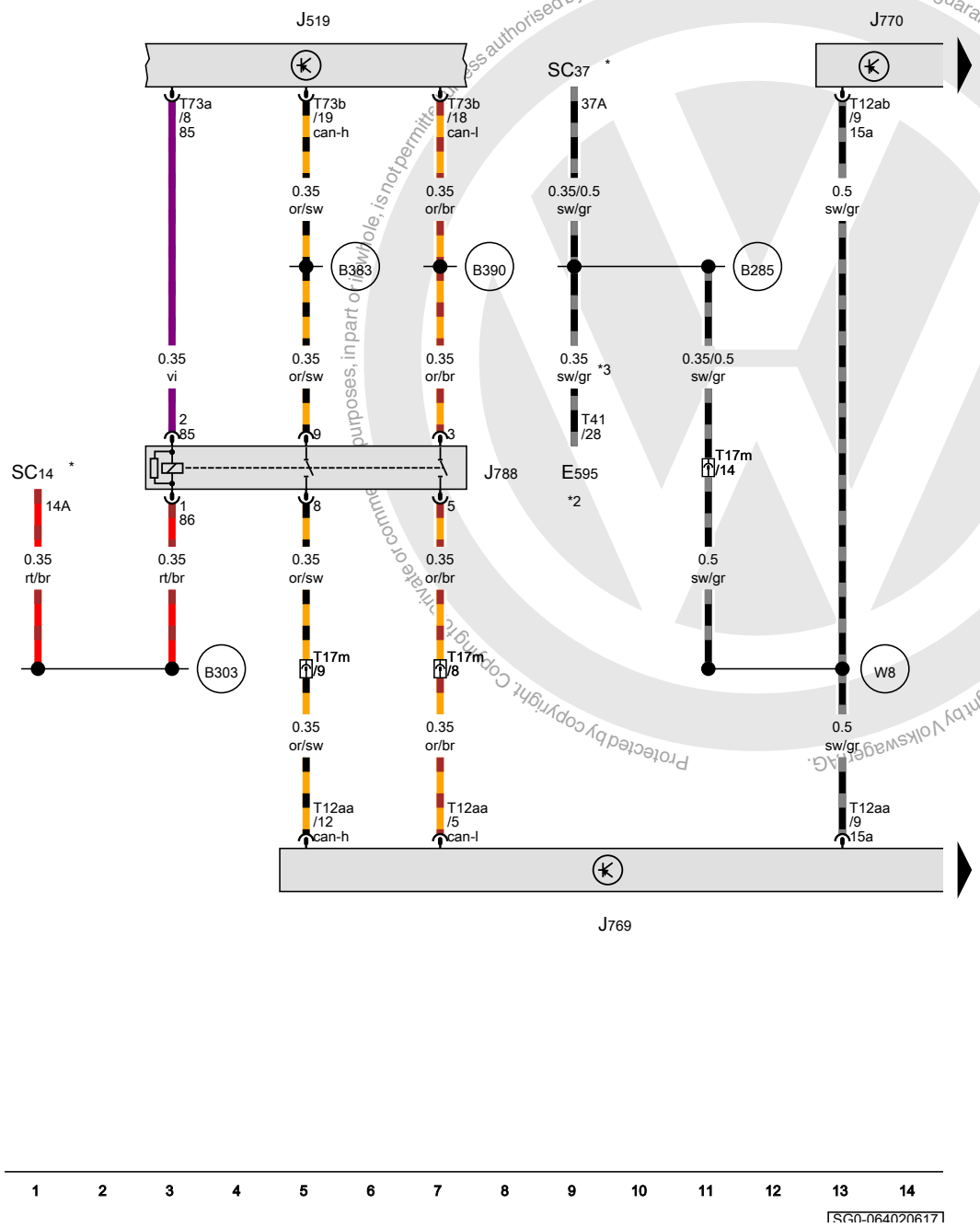

Steering column combination switch, Onboard supply control unit, Lane change assist control unit, Isolation relay for powertrain CAN bus, Fuse 14 on fuse holder C, Fuse 37 on fuse holder C

E595	Steering column combination switch
J519	Onboard supply control unit
J769	Lane change assist control unit
J770	Lane change assist control unit 2
J788	Isolation relay for powertrain CAN bus
SC14	Fuse 14 on fuse holder C
SC37	Fuse 37 on fuse holder C
T12aa	12-pin connector, black
T12ab	12-pin connector, black
T17m	17-pin connector, red, in left A-pillar coupling station
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
B285	Positive connection 9 (15a) in main wiring harness
B303	Positive connection 7 (30), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
W8	Connection (15a), in rear wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for basic equipment
*3	For models with cruise control system and with no multifunction steering wheel

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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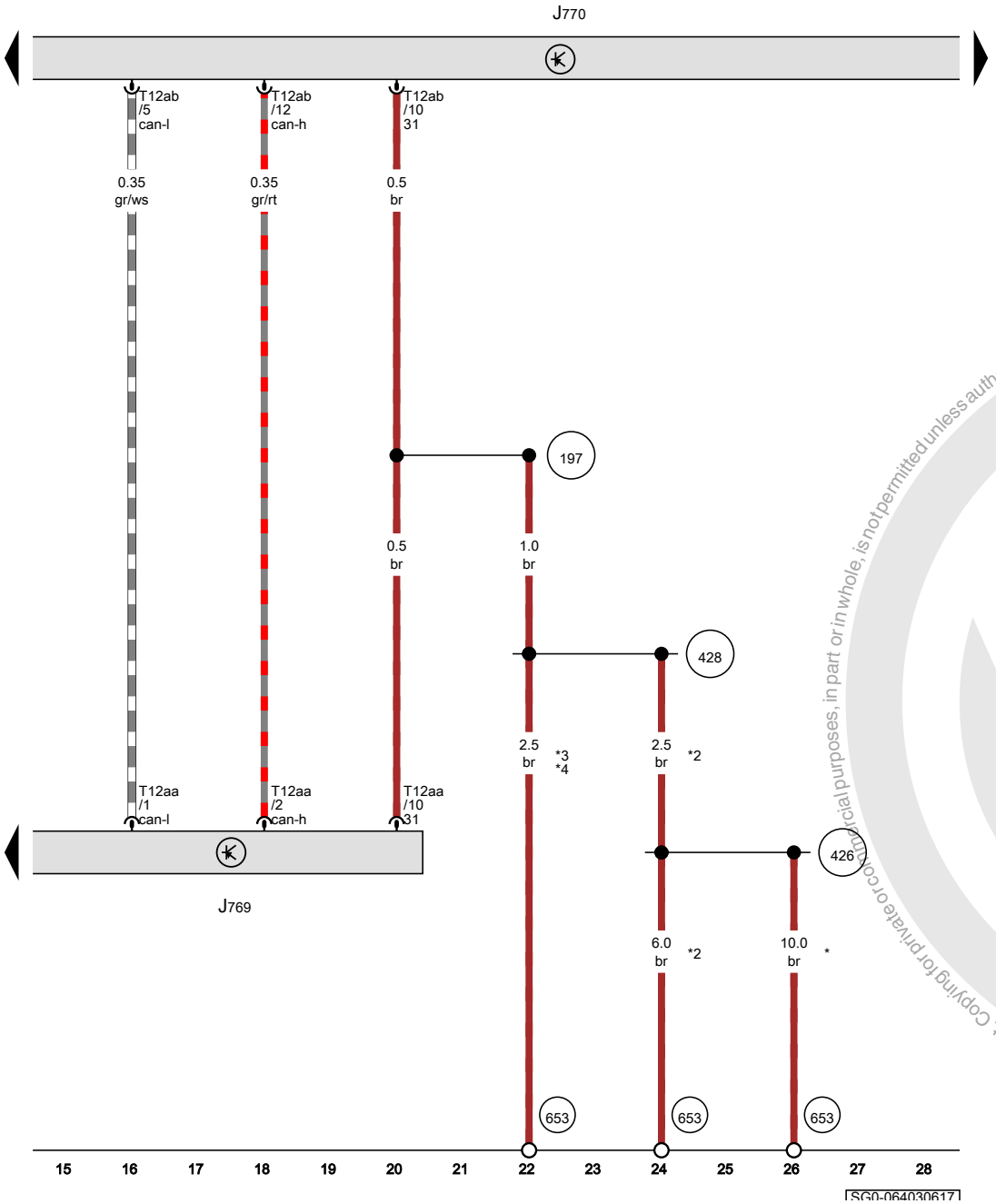

Lane change assist control unit

J769	Lane change assist control unit
J770	Lane change assist control unit 2
T12aa	12-pin connector, black
T12ab	12-pin connector, black
197	Earth connection 4, in rear wiring harness
426	Earth connection 3, in left rear end wiring harness
428	Earth connection 4, in left rear end wiring harness
653	Earth point, on left D-pillar
*	For models with trailer socket and heated rear window
*2	For models with trailer socket or heated rear window
*3	For models with no heated rear window
*4	For models with no towing bracket

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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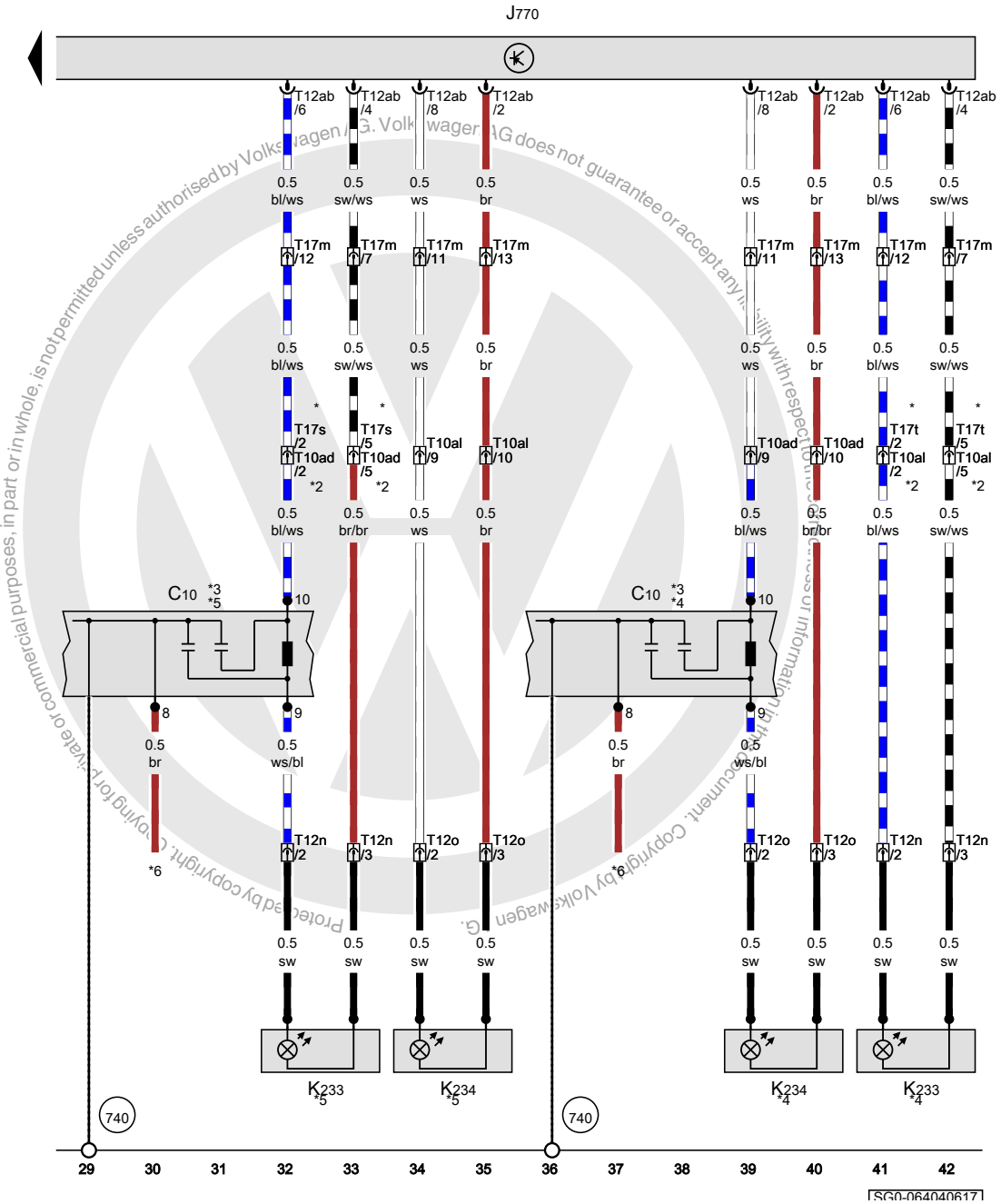

Suppression filter, Lane change assist warning lamp in driver side exterior mirror

C10	Suppression filter, in left door
J770	Lane change assist control unit 2
K233	Lane change assist warning lamp in driver side exterior mirror
K234	Lane change assist warning lamp in passenger side exterior mirror
T10ad	10-pin connector, red, on left A-pillar
T10al	10-pin connector, red, on right A-pillar
T12ab	12-pin connector, black
T12n	12-pin connector, brown, in driver door
T12o	12-pin connector, brown, in front passenger door
T17m	17-pin connector, red, in left A-pillar coupling station
T17s	17-pin connector, red, red, on left A-pillar
T17t	17-pin connector, red, on right A-pillar
740	Earth point 2 in front left door
*	From January 2016
*2	Up to January 2016
*3	see applicable current flow diagram for convenience system
*4	For right-hand drive models
*5	For left-hand drive models
*6	Wiring open end

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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Multifunction steering wheel

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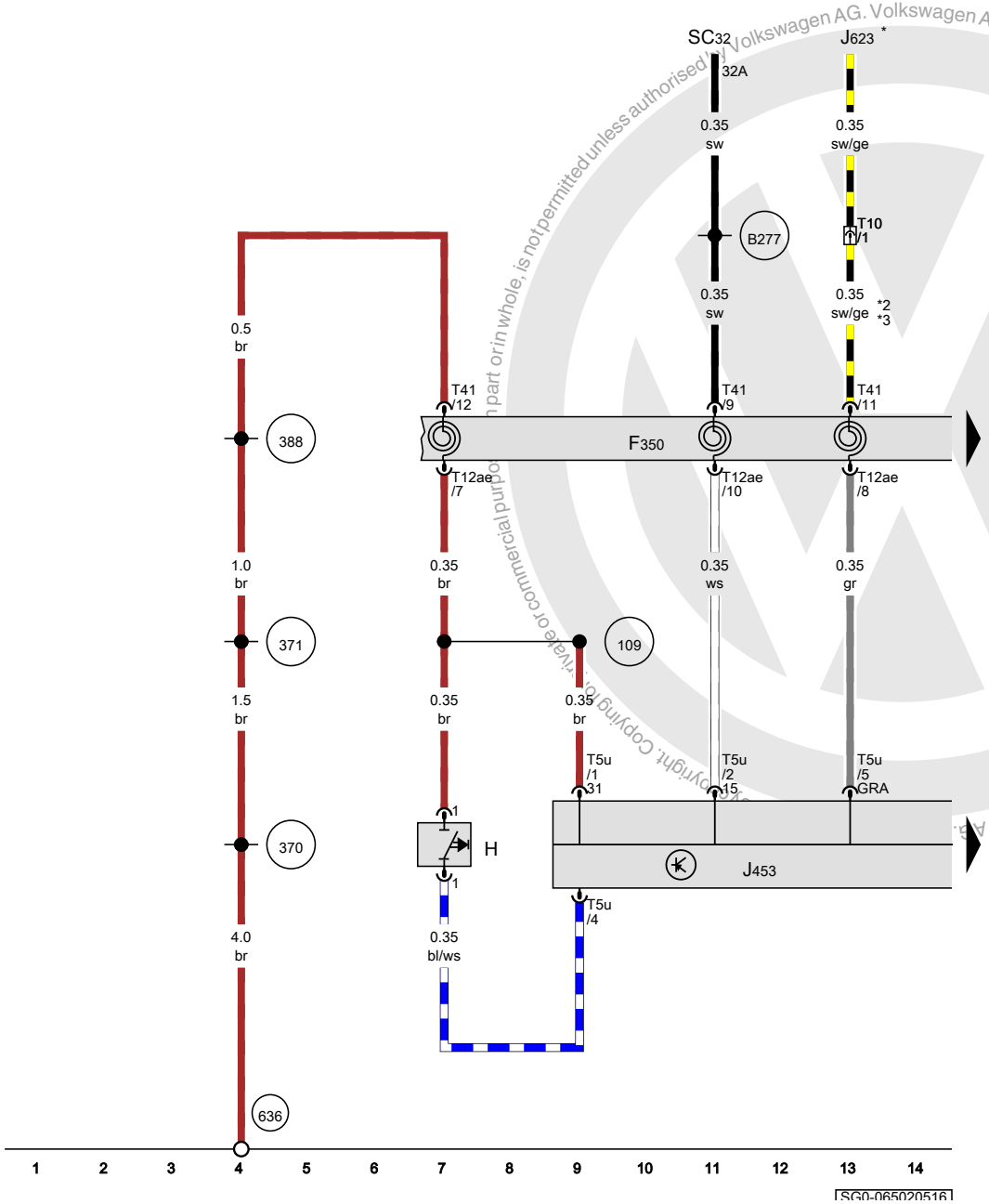
Coil connector, Horn plate, Multifunction steering wheel control unit, Engine control unit, Fuse 32 on fuse holder C



F350	Coil connector, in steering wheel
H	Horn plate
J453	Multifunction steering wheel control unit
J623	Engine control unit
SC32	Fuse 32 on fuse holder C
T5u	5-pin connector, black
T10	10-pin connector, black, in E-box in engine compartment
T12ae	12-pin connector, yellow
T41	41-pin connector, grey
109	Earth connection, in airbag wiring harness
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
388	Earth connection 23, in main wiring harness
636	Earth point, onboard supply control unit
B277	Positive connection 1 (15a) in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with cruise control system
*3	Only models with Euro 6 emission standard

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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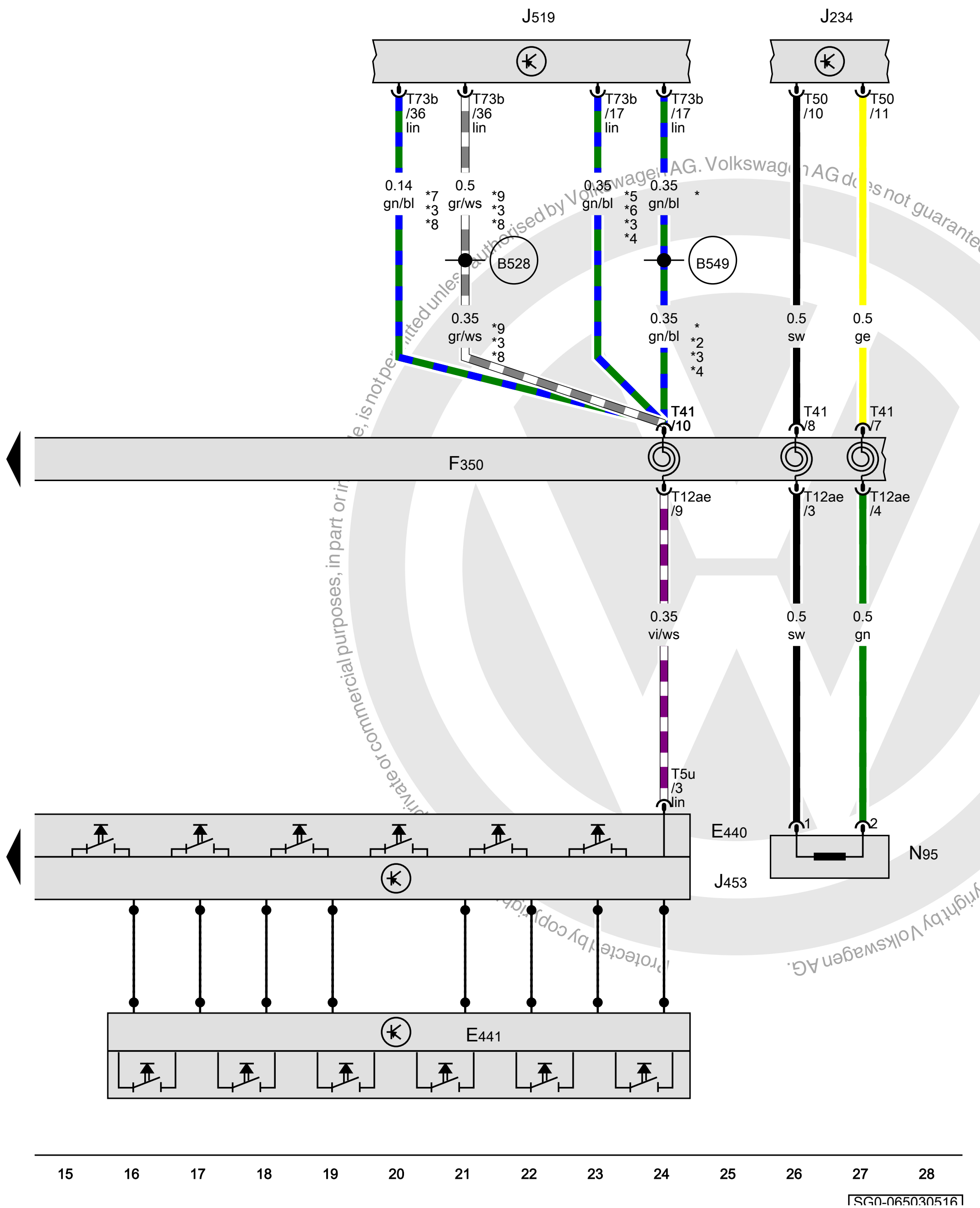

Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel, Coil connector, Airbag control unit, Multifunction steering wheel control unit, Onboard supply control unit

E440	Multifunction buttons on left in steering wheel
E441	Multifunction buttons on right in steering wheel
F350	Coil connector, in steering wheel
J234	Airbag control unit
J453	Multifunction steering wheel control unit
J519	Onboard supply control unit
N95	Driver side airbag igniter
T5u	5-pin connector, black
T12ae	12-pin connector, yellow
T41	41-pin connector, grey
T50	50-pin connector, yellow
T73b	73-pin connector, white
B528	Connection 1 (LIN bus) in main wiring harness
B549	Connection 2 (LIN bus) in main wiring harness
*	Only models with electric window regulators
*2	Slot assignment, with no cruise control system (CCS)
*3	Only models with cruise control system
*4	Only models with Euro 5 emission standard
*5	Only vehicles without electric window regulators
*6	Only models with no cruise control system
*7	Only models with no anti-theft alarm system
*8	Only models with Euro 6 emission standard
*9	For models with anti-theft alarm system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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All-wheel drive

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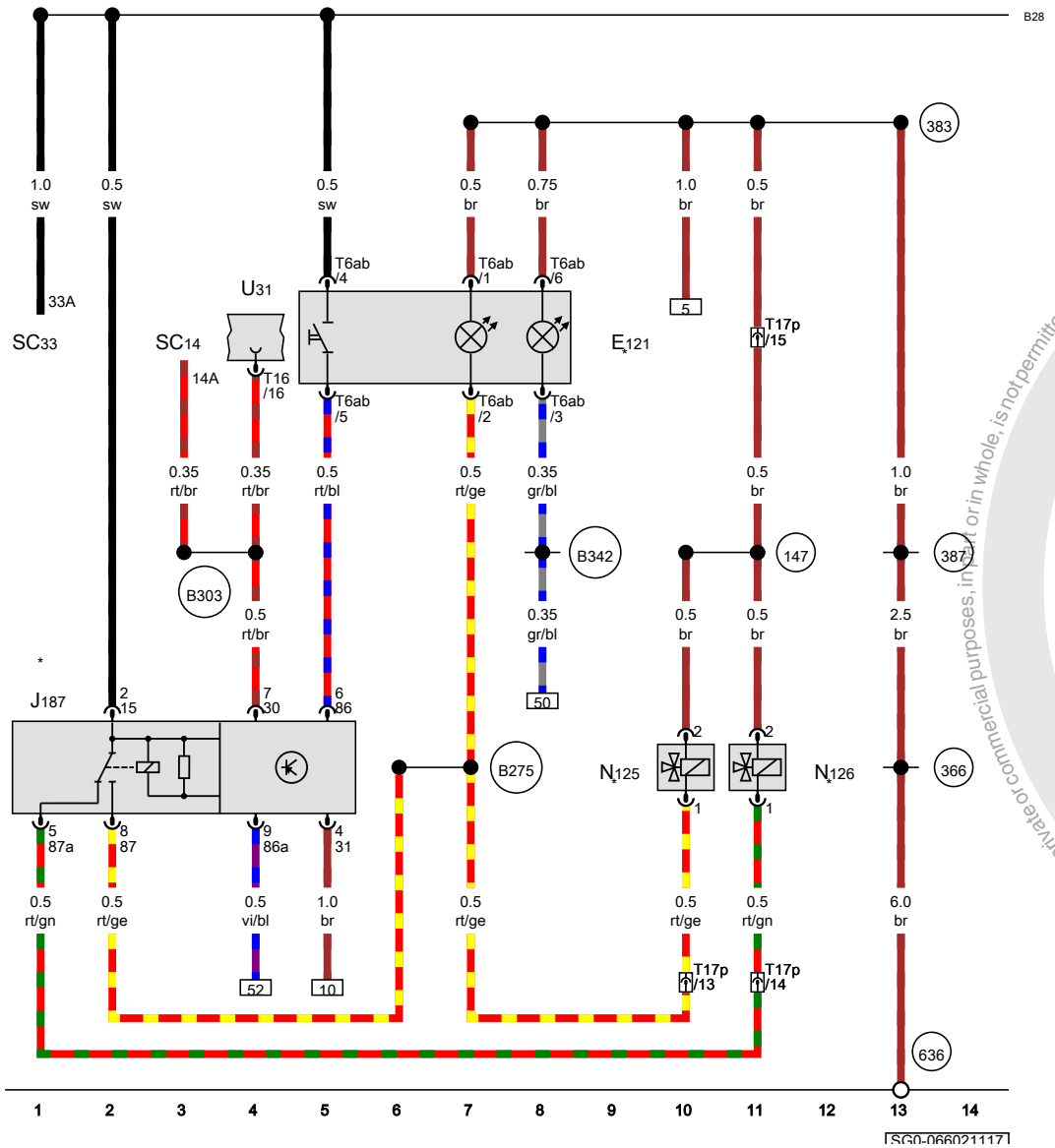

Differential lock control unit, Differential lock valve 1, Differential lock valve 2

E121	Rear differential lock switch
J187	Differential lock control unit
N125	Differential lock valve 1
N126	Differential lock valve 2
SC14	Fuse 14 on fuse holder C
SC33	Fuse 33 on fuse holder C
T6ab	6-pin connector, brown
T16	16-pin connector, black
T17p	17-pin connector, red, under seat on front left
U31	Diagnostic connection
147	Earth connection 2, in auxiliary heater wiring harness
366	Earth connection 1, in main wiring harness
383	Earth connection 18, in main wiring harness
387	Earth connection 22, in main wiring harness
636	Earth point, onboard supply control unit
B275	Positive connection (87), in main wiring harness
B281	Positive connection 5 (15a) in main wiring harness
B303	Positive connection 7 (30), in main wiring harness
B342	Connection 3 (58d), in main wiring harness
*	For models with rear differential lock

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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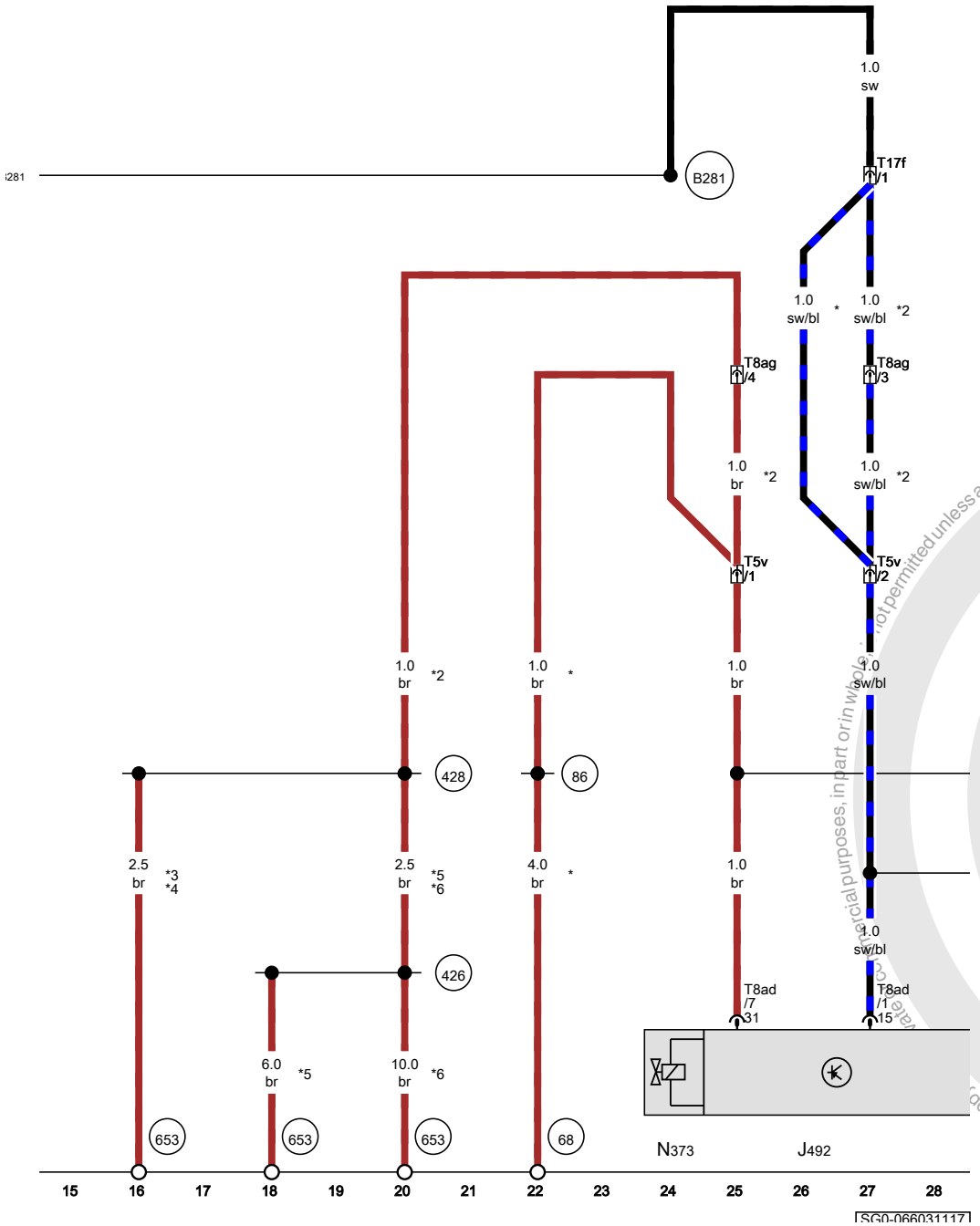
All-wheel drive control unit, Coupling opening control valve



J492	All-wheel drive control unit
N373	Coupling opening control valve
T5v	5-pin connector, black
T8ad	8-pin connector, black
T8ag	8-pin connector, black, behind lower section of left D-pillar trim
T17f	17-pin connector, brown, under seat on front left
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
426	Earth connection 3, in left rear end wiring harness
428	Earth connection 4, in left rear end wiring harness
460	Earth connection 1, in all-wheel drive wiring harness
653	Earth point, on left D-pillar
B281	Positive connection 5 (15a) in main wiring harness
W77	Positive connection 1 (15) in all-wheel drive wiring harness
*	For models with double cab/dropside
*2	For Multivan, panel van and Kombi models
*3	For models with no trailer socket
*4	For models with no heated rear window
*5	For models with trailer socket or heated rear window
*6	For models with trailer socket and heated rear window

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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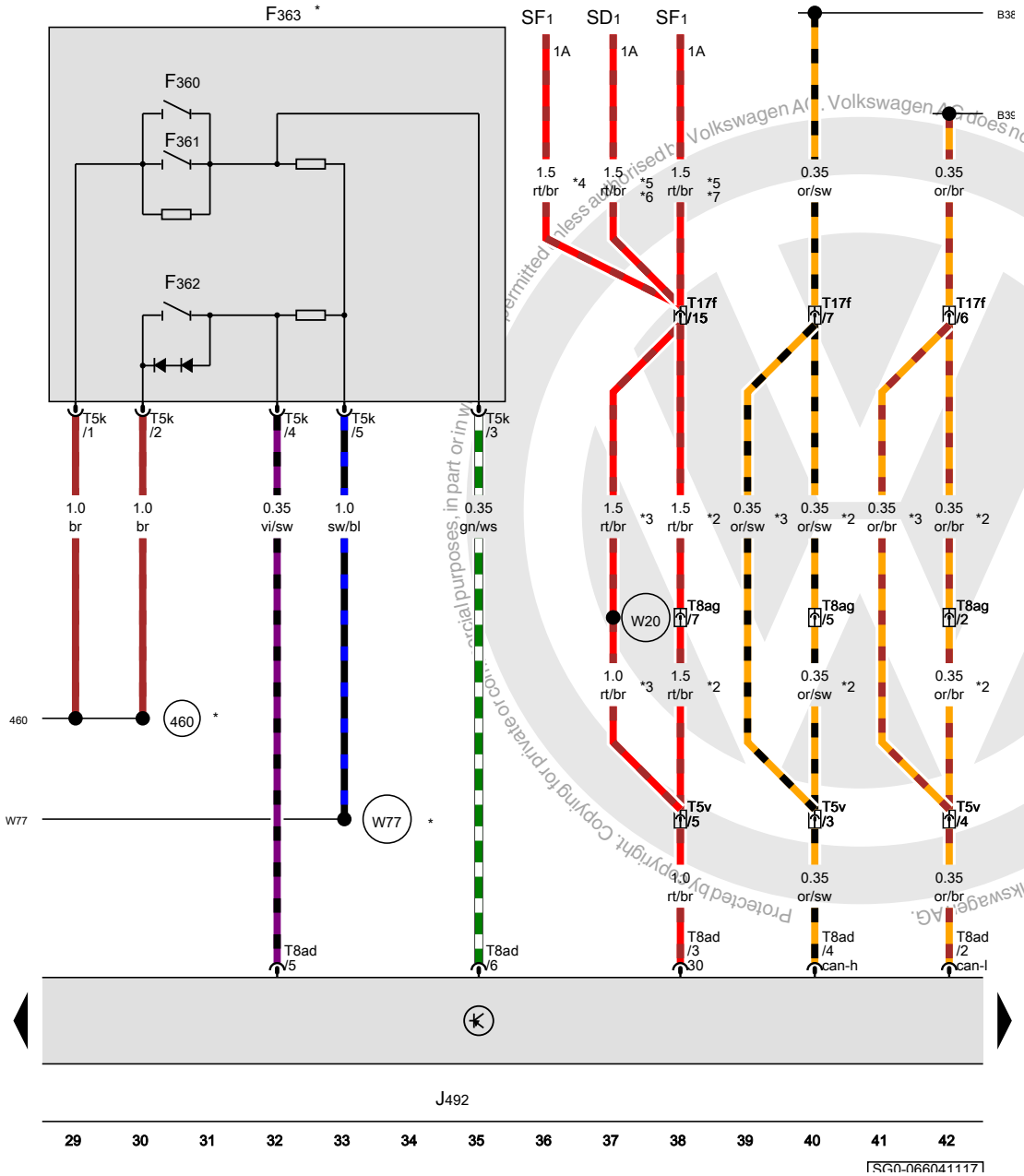
Reed contact switch 1 for differential lock, Reed contact switch 2 for differential lock, Reed contact switch 3 for differential lock, Vacuum switch for rear differential lock, All-wheel drive control unit



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rt	=	red	
br	=	brown	
gn	=	green	
bl	=	blue	
gr	=	grey	
li	=	purple	
vi	=	purple	
ge	=	yellow	
or	=	orange	
rs	=	pink	

F360	Reed contact switch 1 for differential lock
F361	Reed contact switch 2 for differential lock
F362	Reed contact switch 3 for differential lock
F363	Vacuum switch for rear differential lock
J492	All-wheel drive control unit
SD1	Fuse 1 on fuse holder D
SF1	Fuse 1 in fuse holder F
T5k	5-pin connector, black
T5v	5-pin connector, black
T8ad	8-pin connector, black
T8ag	8-pin connector, black, behind lower section of left D-pillar trim
T17f	17-pin connector, brown, under seat on front left
460	Earth connection 1 in all-wheel drive wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
W20	Positive connection (30a) in rear wiring harness
W77	Positive connection 1 (15) in all-wheel drive wiring harness
*	For models with rear differential lock
*2	For Multivan, panel van and Kombi models
*3	For models with double cab/dropside
*4	For left-hand drive models
*5	For right-hand drive models
*6	Up to January 2016
*7	From January 2016

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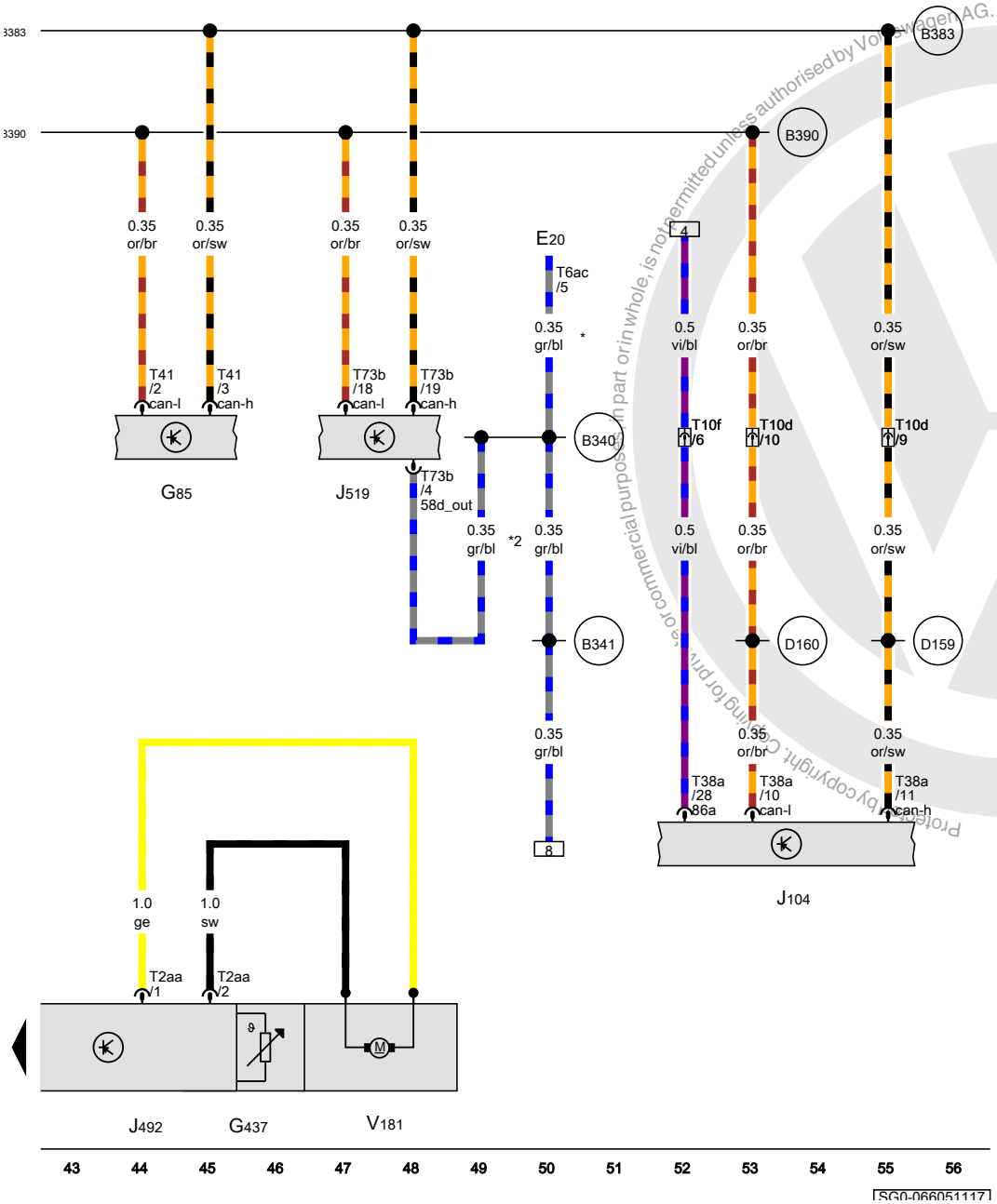
Steering angle sender, Oil pressure and oil temperature sender, ABS control unit, All-wheel drive control unit, Onboard supply control unit, All-wheel drive coupling pump



E20	Switch and instrument illumination regulator
G85	Steering angle sender
G437	Oil pressure and oil temperature sender
J104	ABS control unit
J492	All-wheel drive control unit
J519	Onboard supply control unit, behind dash panel, left
T2aa	2-pin connector, black
T6ac	6-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T38a	38-pin connector, black
T41	41-pin connector, grey
T73b	73-pin connector, white
V181	All-wheel drive coupling pump
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	For models with dimmable instrument illumination
*2	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
or	=	orange
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Roof mounted turn signals

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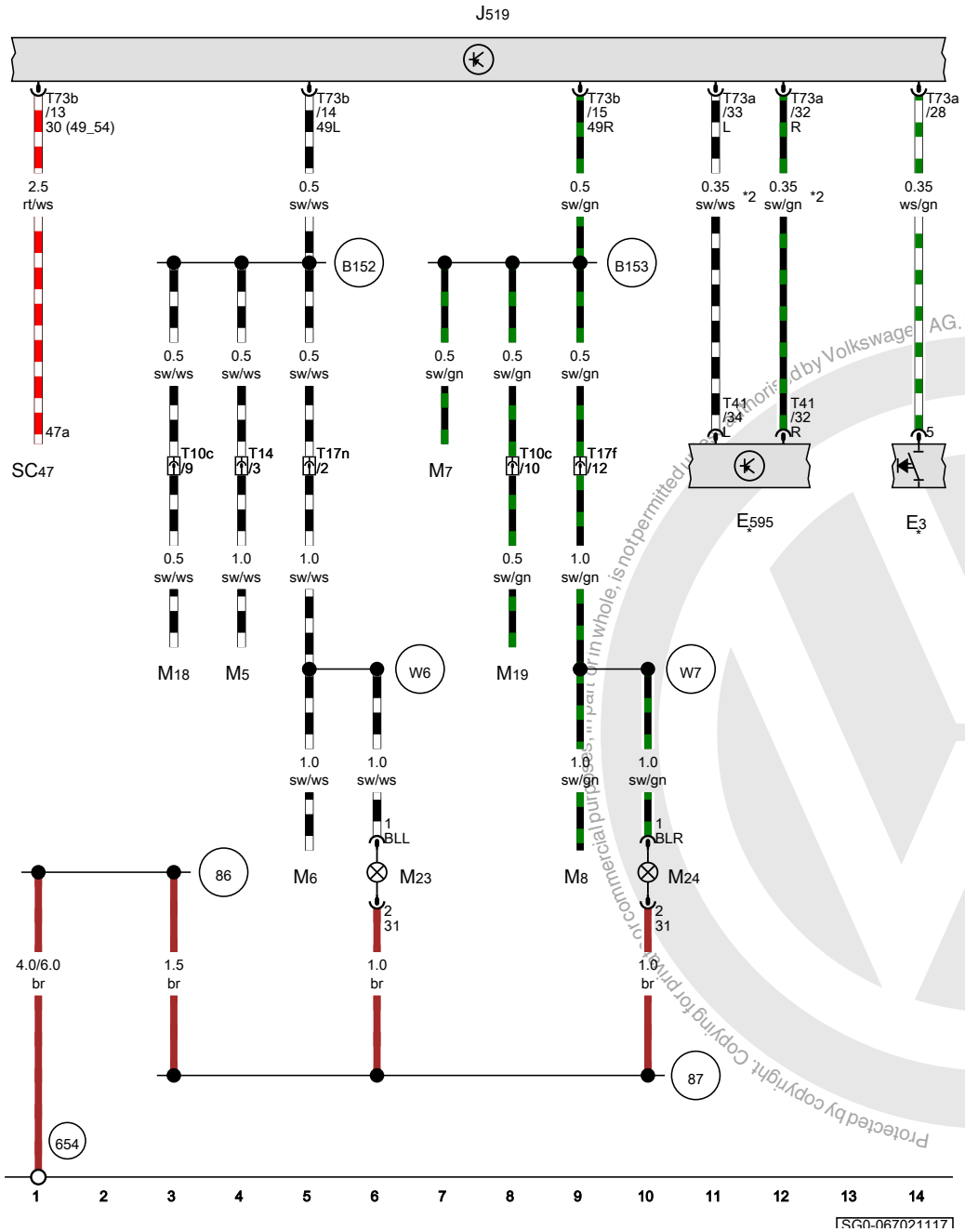
Hazard warning light switch, Steering column combination switch, Onboard supply control unit, Right roof mounted turn signal bulb, Fuse 47 on fuse holder C



E3	Hazard warning light switch
E595	Steering column combination switch
J519	Onboard supply control unit
M5	Front left turn signal bulb
M6	Rear left turn signal bulb
M7	Front right turn signal bulb
M8	Rear right turn signal bulb
M18	Left turn signal repeater bulb
M19	Right turn signal repeater bulb
M23	Left roof mounted turn signal bulb
M24	Right roof mounted turn signal bulb
SC47	Fuse 47 on fuse holder C
T10c	10-pin connector, yellow, in E-box in engine compartment
T14	14-pin connector, black, near horn, dual tone horn
T17f	17-pin connector, brown, under seat on front left
T17n	17-pin connector, light green, under seat on front left
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
86	Earth connection 1, in rear wiring harness
87	Earth connection 2, in rear wiring harness
654	Earth point, on right D-pillar
B152	Connection (LTS), in interior wiring harness
B153	Connection (RTS), in interior wiring harness
W6	Connection (left turn signal), in rear wiring harness
W7	Connection (right turn signal), in rear wiring harness
*	see applicable current flow diagram for headlights
*2	For models with no electric interface

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Roof ventilator

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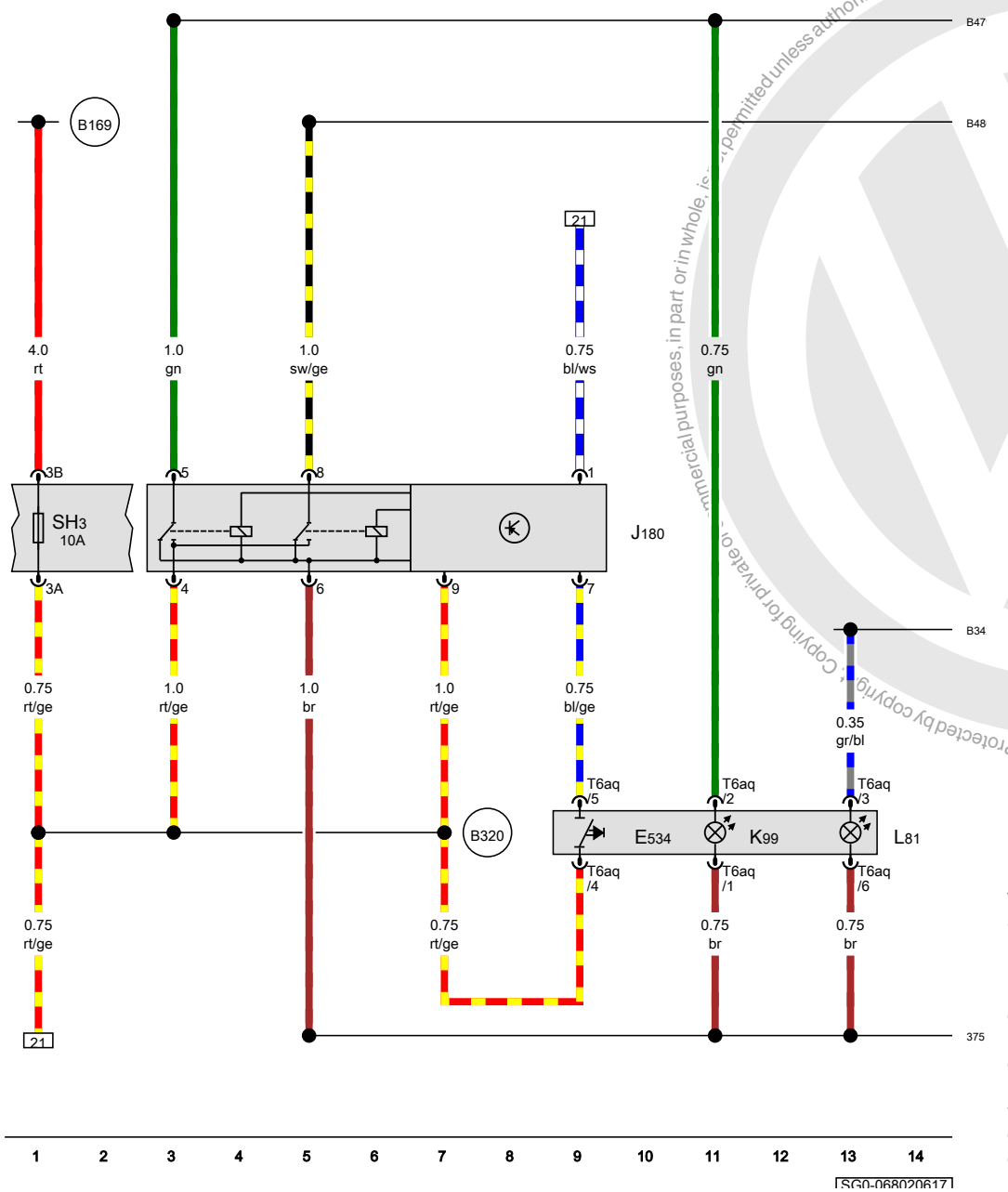
Switch for roof ventilator to ventilate load area, Switch-over relay 1 for roof ventilator, Fuse 3 in fuse holder H

E534	Switch for roof ventilator to ventilate load area
J180	Switch-over relay 1 for roof ventilator
K99	Changeover switch warning lamp for roof ventilator
L81	Roof ventilator switch illumination bulb
SH3	Fuse 3 in fuse holder H
T6aq	6-pin connector, blue
375	Earth connection 10, in main wiring harness
B169	Positive connection 1 (30), in interior wiring harness
B320	Positive connection 6 (30a) in main wiring harness
B342	Connection 3 (58d), in main wiring harness
B479	Connection 15, in main wiring harness
B480	Connection 16, in main wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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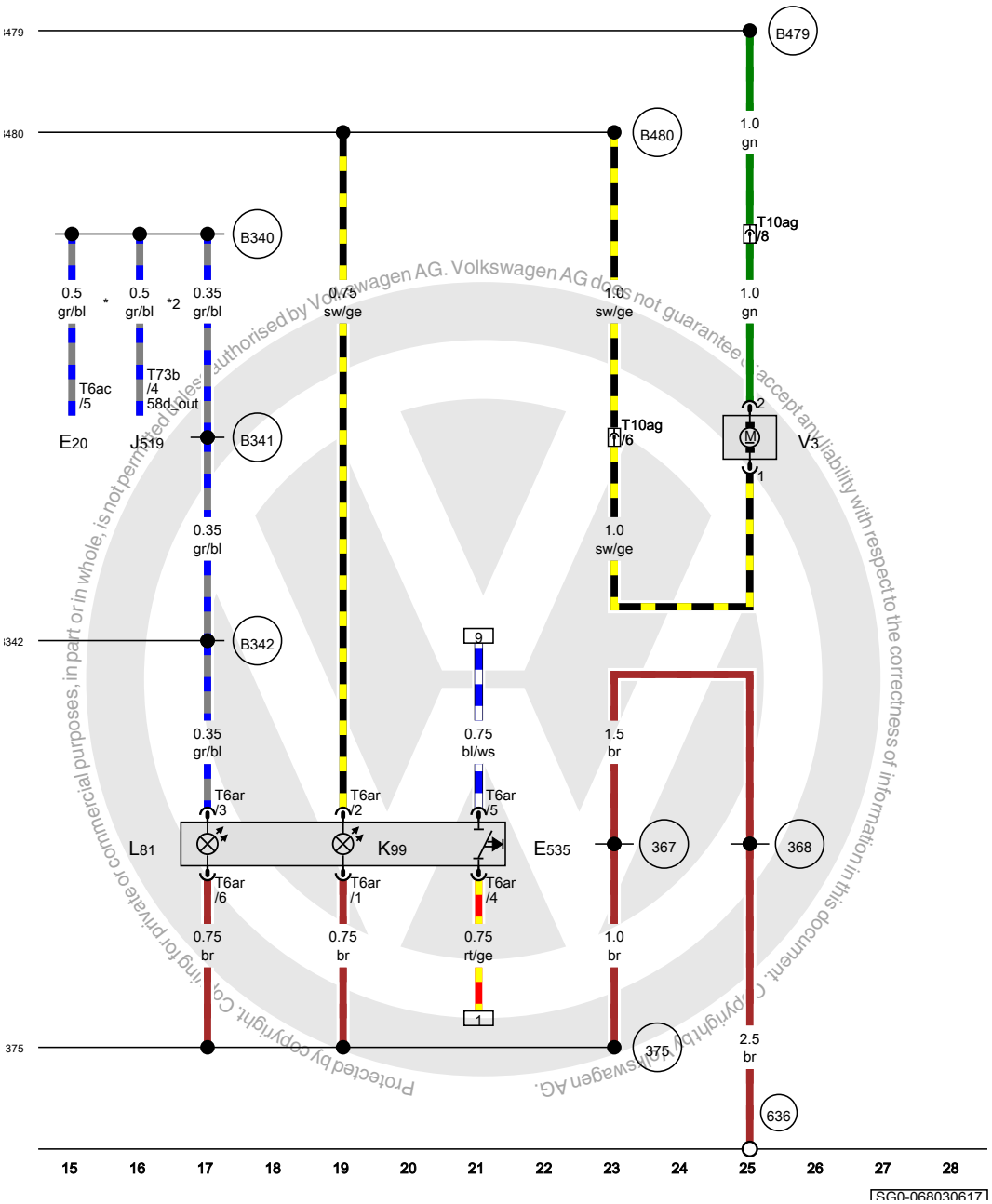

Switch for roof ventilator to extract air from load area, Roof ventilator

E20	Switch and instrument illumination regulator
E535	Switch for roof ventilator to extract air from load area
J519	Onboard supply control unit
K99	Changeover switch warning lamp for roof ventilator
L81	Roof ventilator switch illumination bulb
T6ac	6-pin connector, black
T6ar	6-pin connector, green
T10ag	10-pin connector, brown, in left A-pillar coupling station
T73b	73-pin connector, black
V3	Roof ventilator
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
375	Earth connection 10, in main wiring harness
636	Earth point, onboard supply control unit
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B342	Connection 3 (58d), in main wiring harness
B479	Connection 15, in main wiring harness
B480	Connection 16, in main wiring harness
*	For models with dimmable instrument illumination
*2	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Red Cross light

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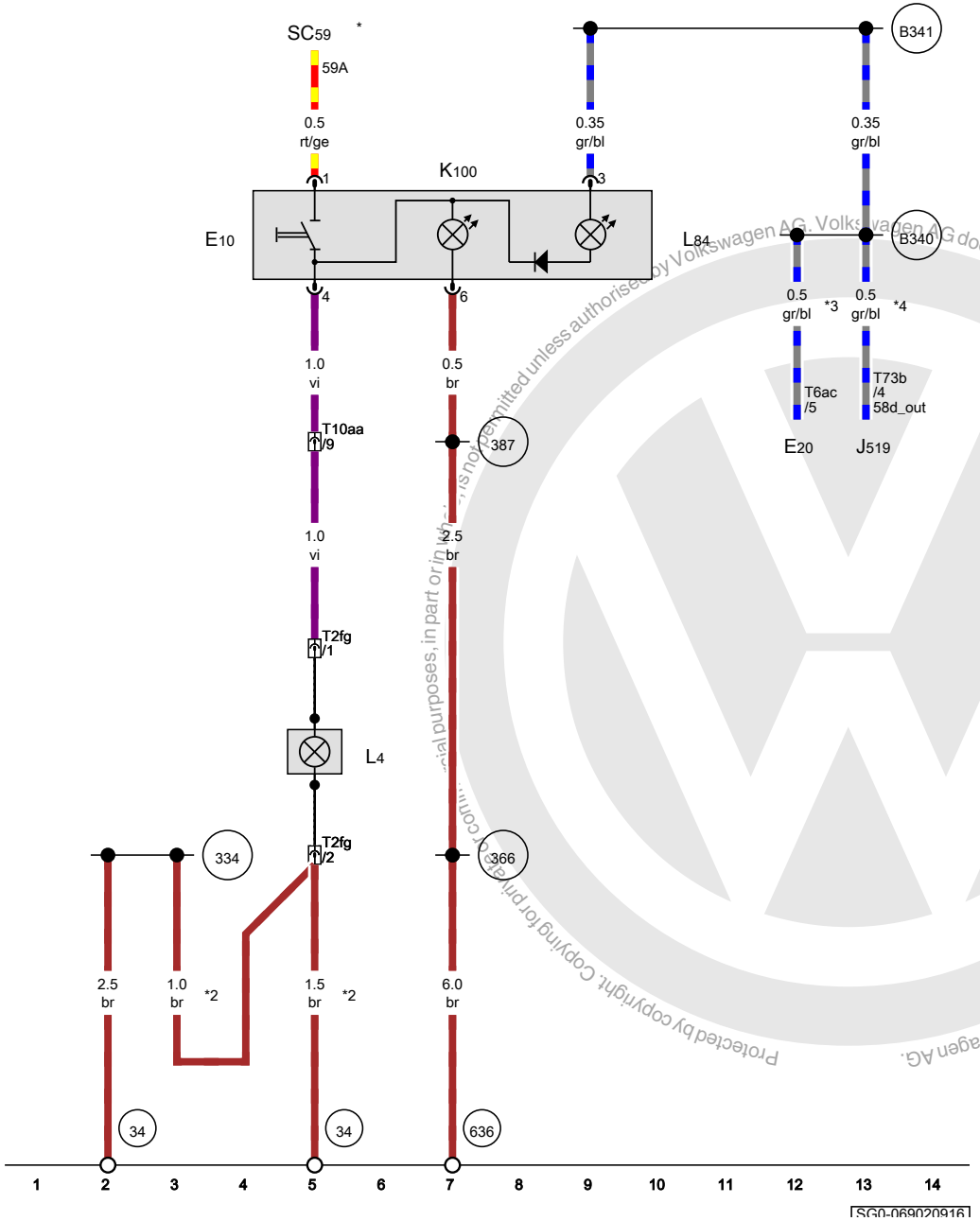
Red Cross light switch, Red Cross light warning lamp, Red Cross light bulb, Red Cross light switch illumination bulb, Fuse 59 on fuse holder C



E10	Red Cross light switch
E20	Switch and instrument illumination regulator
J519	Onboard supply control unit
K100	Red Cross light warning lamp
L4	Red Cross light bulb
L84	Red Cross light switch illumination bulb
SC59	Fuse 59 on fuse holder C
T2fg	2-pin connector, black, under roof trim, middle, front
T6ac	6-pin connector, black
T10aa	10-pin connector, dark brown, under seat on front left
T73b	73-pin connector, black
34	Earth point, under driver seat
334	Earth connection 6, in rear wiring harness
366	Earth connection 1, in main wiring harness
387	Earth connection 22, in main wiring harness
636	Earth point, onboard supply control unit
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment
*3	Only models with dimmable instrument illumination
*4	Only models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Rotating lights (yellow)

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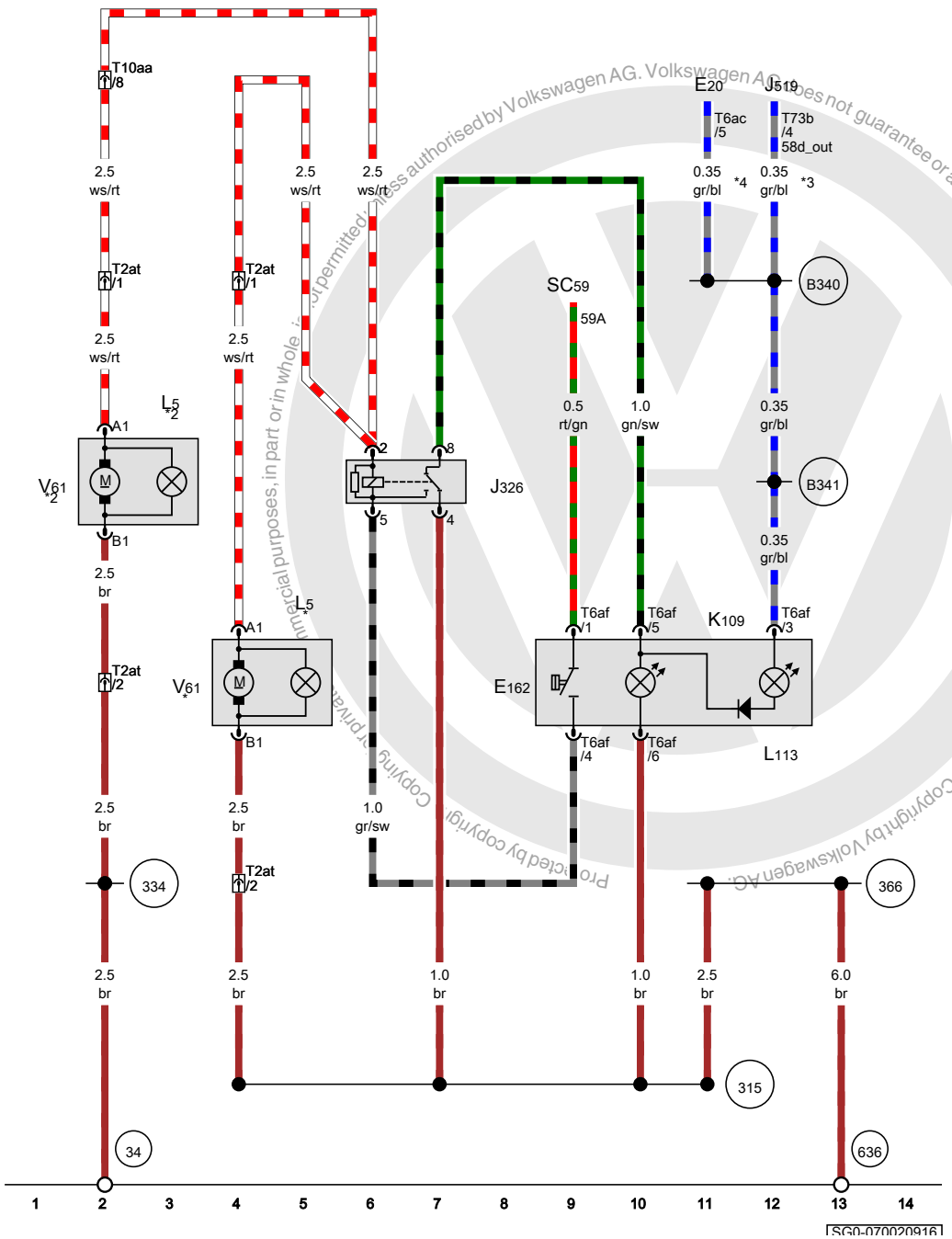

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Rotating light switch, Rotating light relay, Rotating light bulb, Fuse 59 on fuse holder C, Rotating light motor

E20	Switch and instrument illumination regulator
E162	Rotating light switch
J326	Rotating light relay
J519	Onboard supply control unit
K109	Rotating light warning lamp
L5	Rotating light bulb
L113	Rotating light and siren switch illumination bulb
SC59	Fuse 59 on fuse holder C
T2at	2-pin connector, black, near left roof member, front
T6ac	6-pin connector, black
T6af	6-pin connector, grey
T10aa	10-pin connector, dark brown, under seat on front left
T73b	73-pin connector, white
V61	Rotating light motor
34	Earth point, under driver seat
315	Earth connection, in rotating light wiring harness
334	Earth connection 6, in rear wiring harness
366	Earth connection 1, in main wiring harness
636	Earth point, onboard supply control unit
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
*	Only models with double cab/ dropside
*2	Only panel van and Kombi models
*3	Only models with no dimmable instrument illumination
*4	Only models with dimmable instrument illumination

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Electric tachograph

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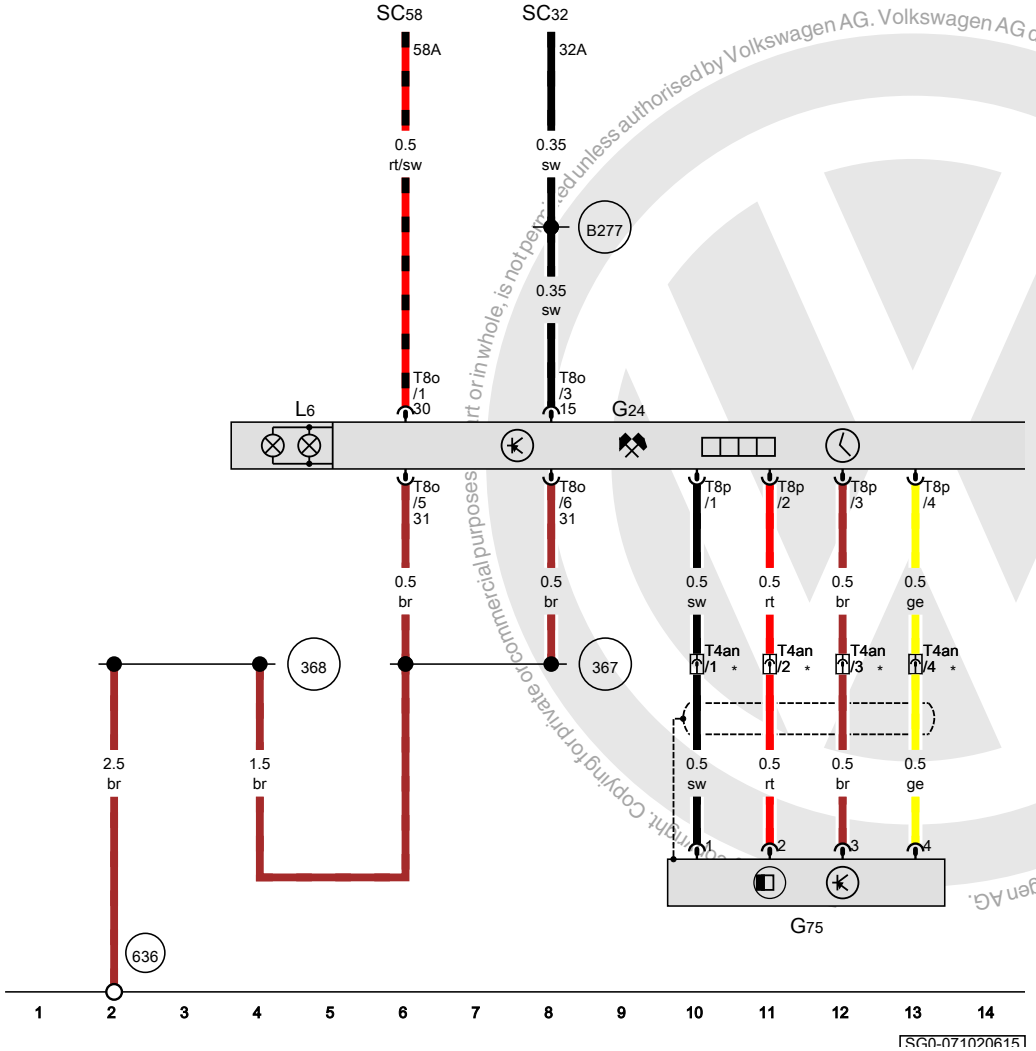
Tachograph, Tachograph sender, Speedometer illumination bulb, Fuse 32 on fuse holder C, Fuse 58 on fuse holder C

G24	Tachograph
G75	Tachograph sender
L6	Speedometer illumination bulb
SC32	Fuse 32 on fuse holder C
SC58	Fuse 58 on fuse holder C
T4an	4-pin connector, black, on E-box in engine compartment
T8o	8-pin connector, white
T8p	8-pin connector, yellow
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
636	Earth point, onboard supply control unit
B277	Positive connection 1 (15a) in main wiring harness
*	Connector must be sealed



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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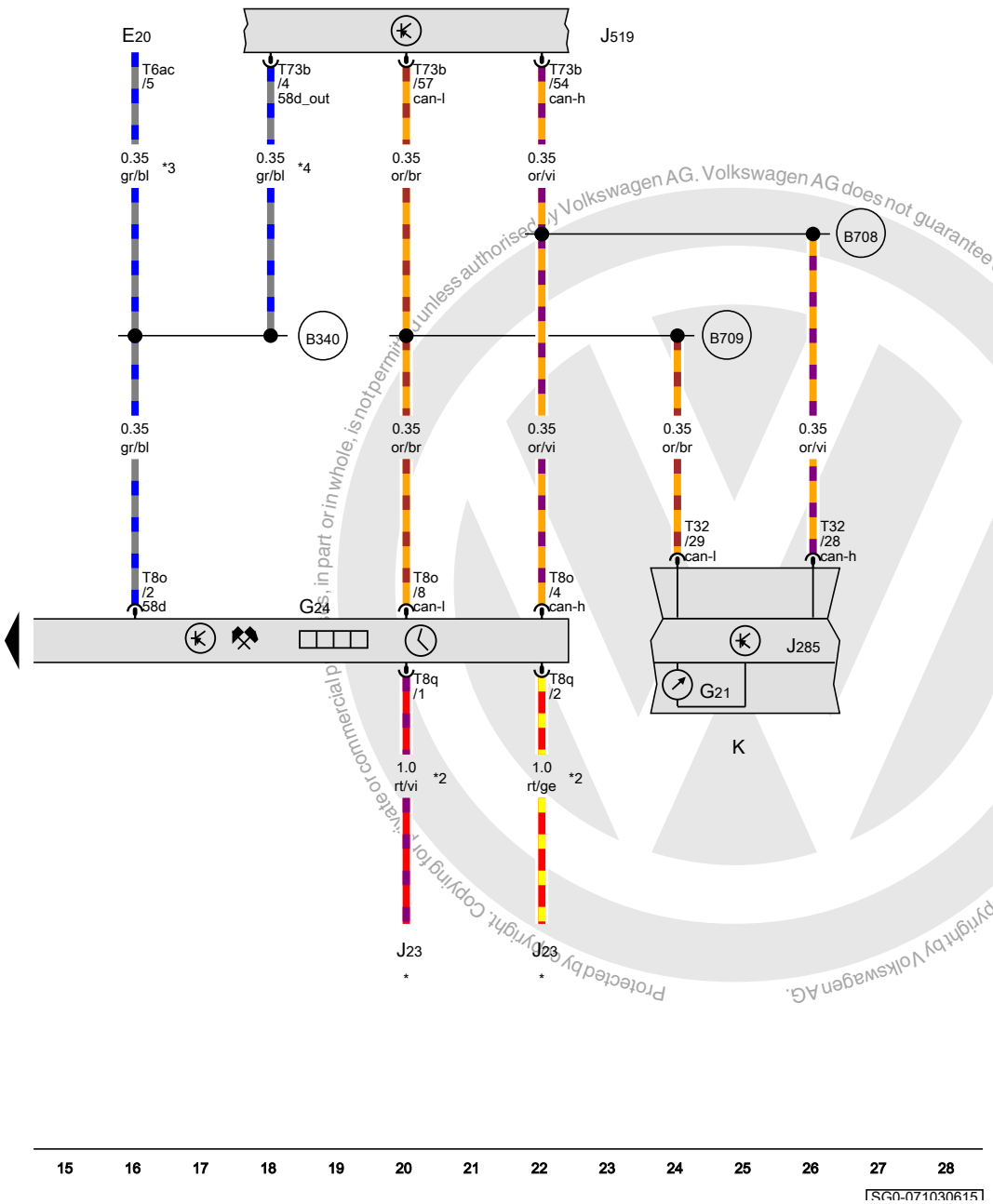
Tachograph, Rotating light and siren system control unit, Onboard supply control unit, Dash panel insert



E20	Switch and instrument illumination regulator
G21	Speedometer
G24	Tachograph
J23	Rotating light and siren system control unit
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
T6ac	6-pin connector, black
T8o	8-pin connector, white
T8q	8-pin connector, brown
T32	32-pin connector, blue
T73b	73-pin connector, white
B340	Connection 1 (58d), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	Wiring open end
*2	Only applicable to special vehicles
*3	Only models with dimmable instrument illumination
*4	Only models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Illuminated vanity mirrors

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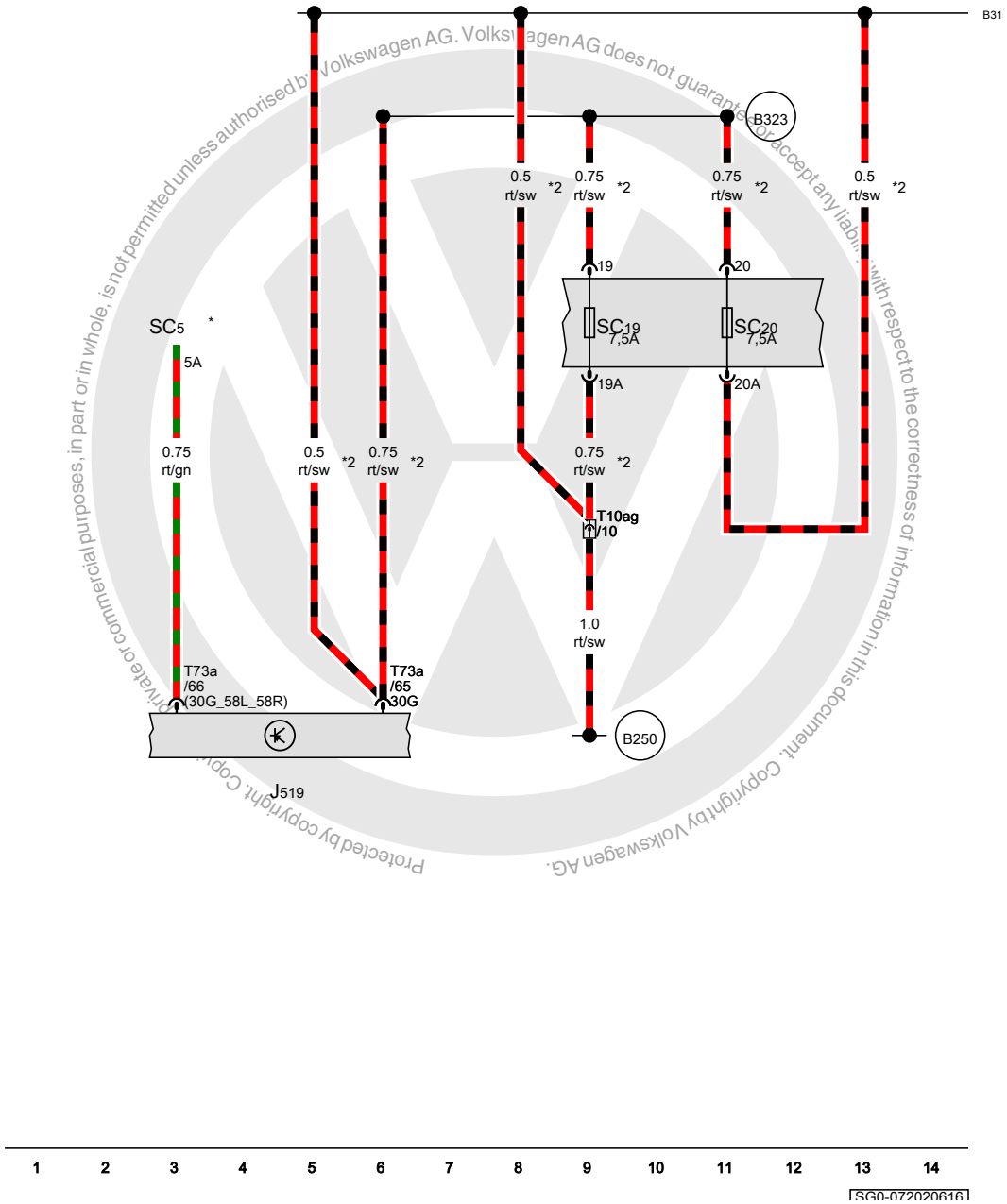
Onboard supply control unit, Fuse 5 on fuse holder C, Fuse 19 on fuse holder C, Fuse 20 on fuse holder C



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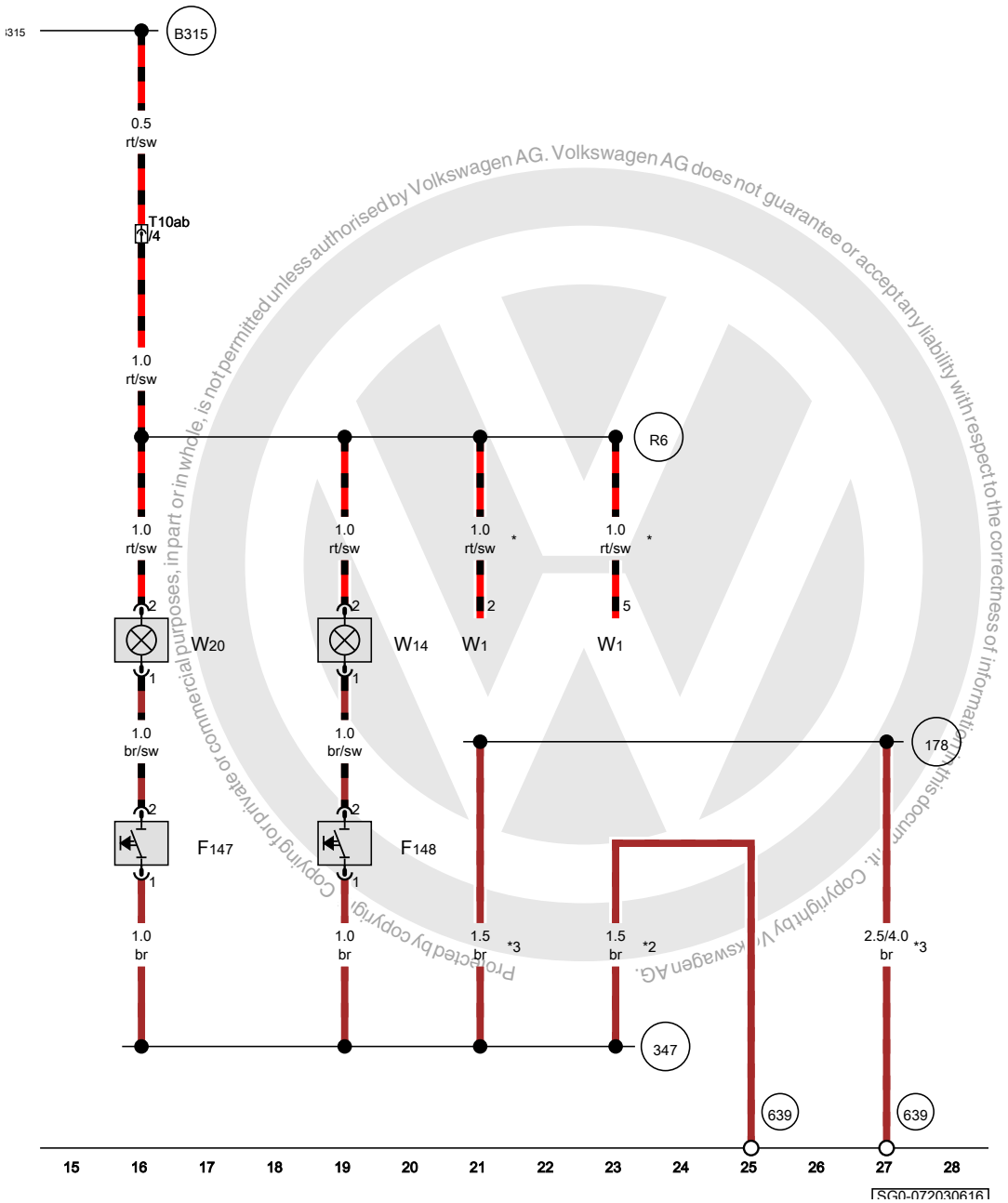
J519	Onboard supply control unit
SC5	Fuse 5 on fuse holder C
SC19	Fuse 19 on fuse holder C
SC20	Fuse 20 on fuse holder C
T10ag	10-pin connector, brown, in left A-pillar coupling station
T73a	73-pin connector, black
B250	Positive connection, in roof wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B323	Positive connection 9 (30a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for interior lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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Driver vanity mirror contact switch, Front passenger vanity mirror contact switch, Front interior light, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror

F147	Driver vanity mirror contact switch
F148	Front passenger vanity mirror contact switch
T10ab	10-pin connector, white, in left A-pillar coupling station
W1	Front interior light
W14	Front passenger side illuminated vanity mirror
W20	Driver side illuminated vanity mirror
178	Earth connection, in sliding sunroof wiring harness
347	Earth connection, in roof wiring harness
639	Earth point, left A-pillar
B315	Positive connection 1 (30a) in main wiring harness
R6	Positive connection 1, in interior light wiring harness
*	According to equipment
*2	Only models with no sliding/tilting sunroof
*3	Only models with sliding/tilting sunroof

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Illuminated sill panel trim

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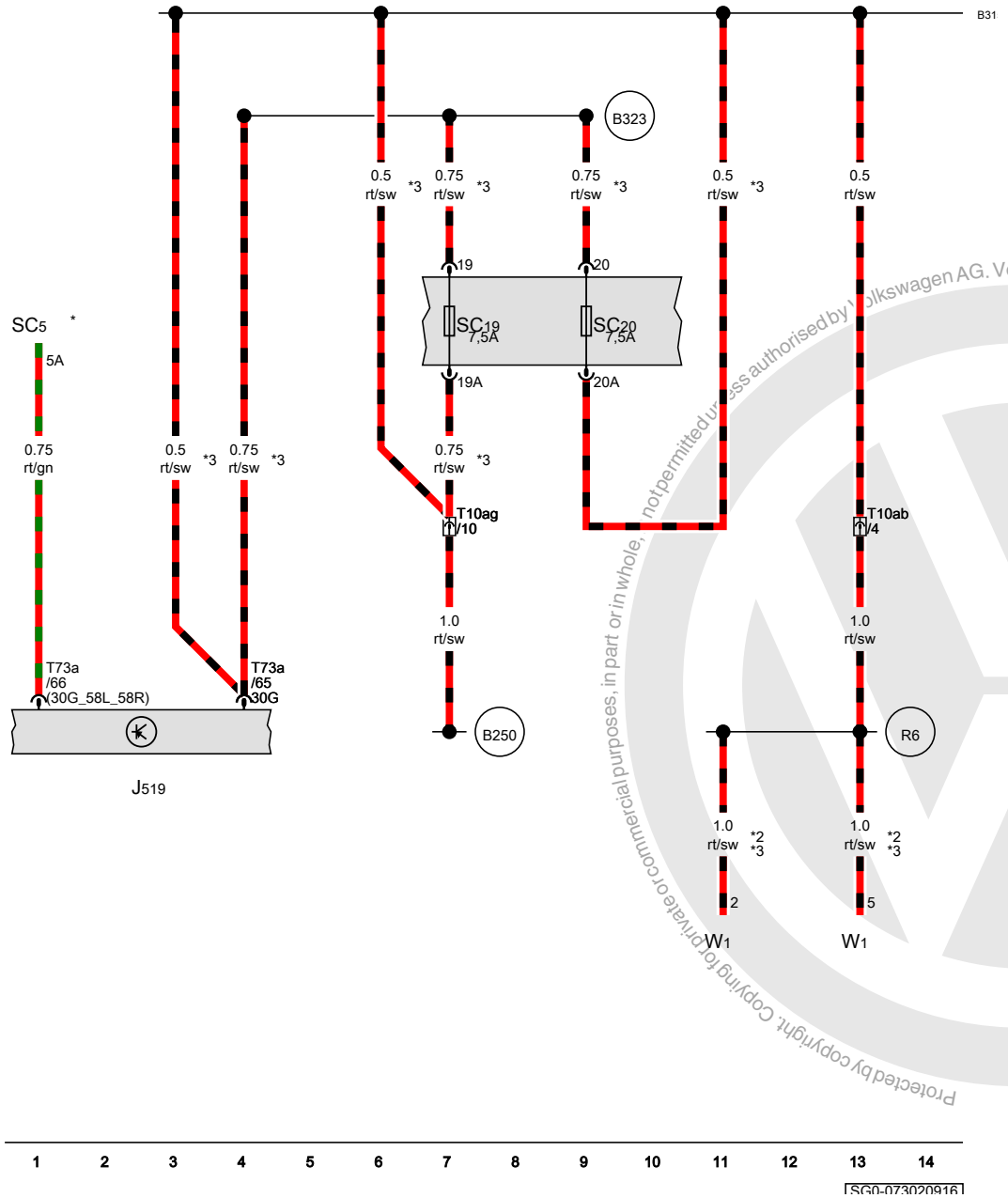
Onboard supply control unit, Fuse 5 on fuse holder C, Fuse 19 on fuse holder C, Fuse 20 on fuse holder C, Front interior light



J519	Onboard supply control unit
SC5	Fuse 5 on fuse holder C
SC19	Fuse 19 on fuse holder C
SC20	Fuse 20 on fuse holder C
T10ab	10-pin connector, white, in left A-pillar coupling station
T10ag	10-pin connector, brown, in left A-pillar coupling station
T73a	73-pin connector, black
W1	Front interior light
B250	Positive connection, in roof wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B323	Positive connection 9 (30a) in main wiring harness
R6	Positive connection 1, in interior light wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment
*3	see applicable current flow diagram for interior lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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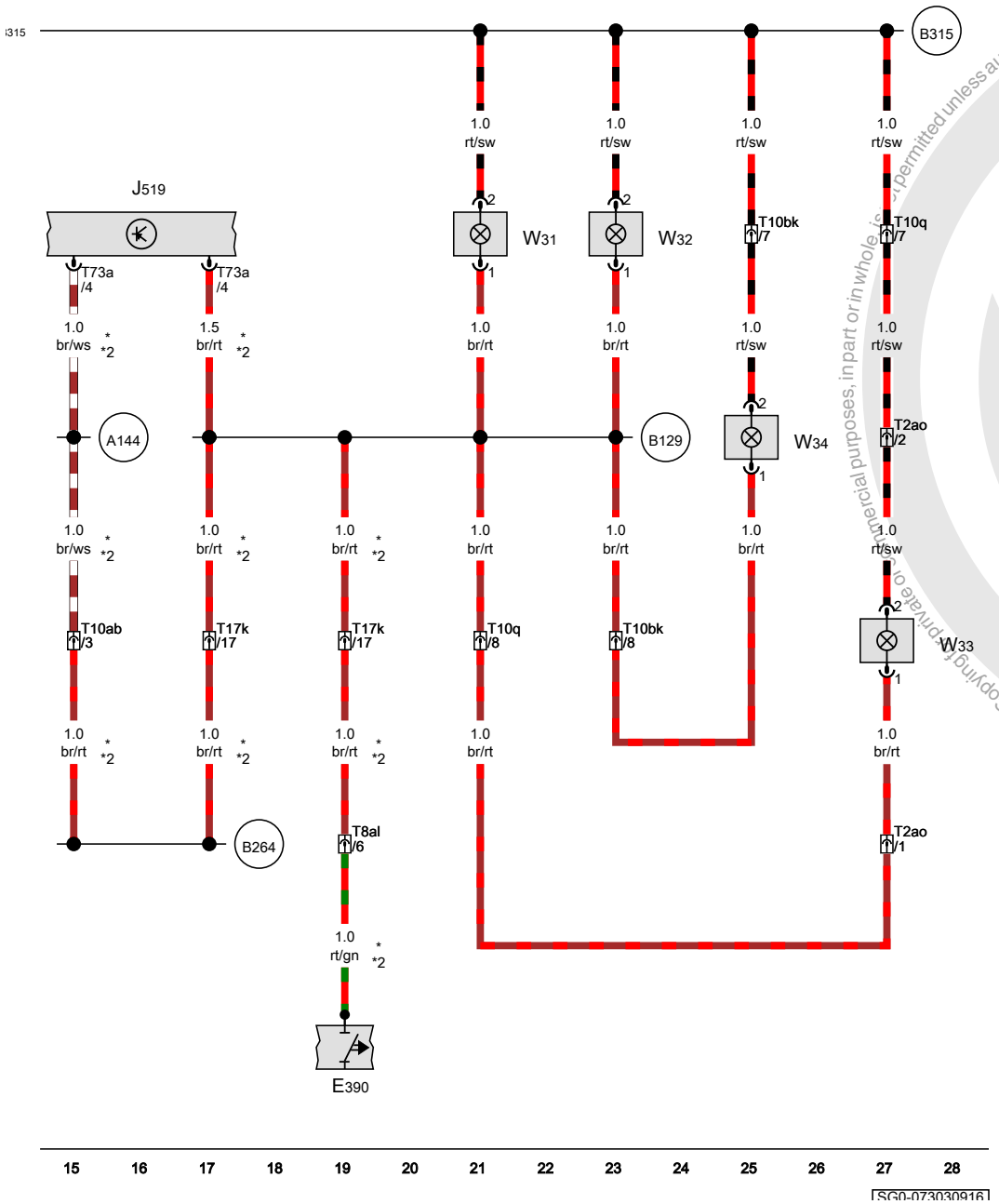
Onboard supply control unit, Front left entry light, Front right entry light, Rear left entry light, Rear right entry light



E390	Interior lighting central switch button
J519	Onboard supply control unit
T2ao	2-pin connector, black, behind lower section of left B-pillar trim
T8al	8-pin connector, black, near front interior light
T10ab	10-pin connector, white, in left A-pillar coupling station
T10bk	10-pin connector, grey, under seat on front right
T10q	10-pin connector, green, under driver seat
T17k	17-pin connector, green, in left A-pillar coupling station
T73a	73-pin connector, black
W31	Front left entry light
W32	Front right entry light
W33	Rear left entry light
W34	Rear right entry light
A144	Connection (interior monitoring) in dash panel wiring harness
B129	Connection (interior light, 31l), in interior wiring harness
B264	Connection 1, in roof wiring harness
B315	Positive connection 1 (30a) in main wiring harness
*	According to equipment
*2	see applicable current flow diagram for interior lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Interior lighting, double cab/ dropside models

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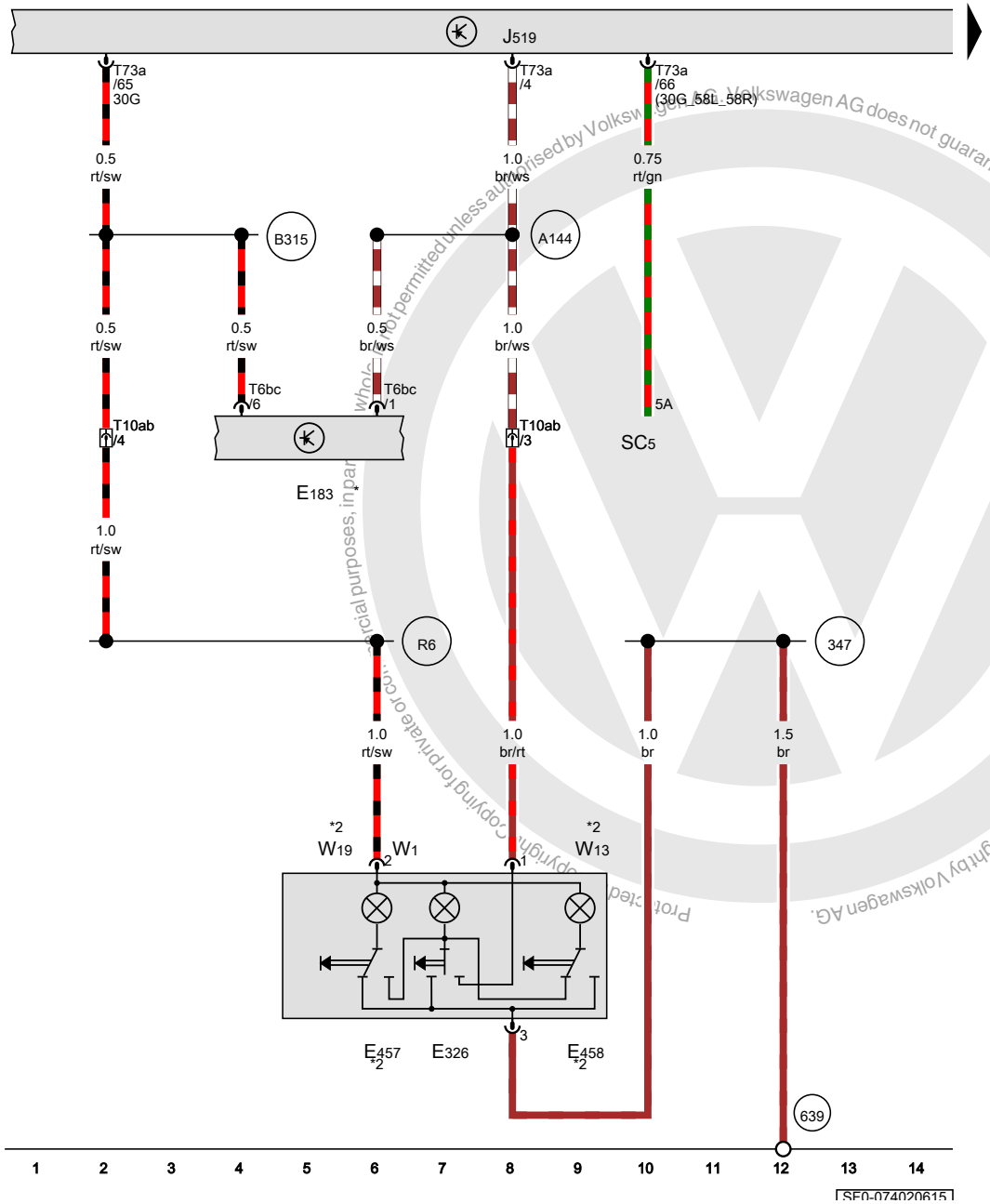
Interior monitoring switch, Onboard supply control unit, Fuse 5 on fuse holder C, Front interior light



E183	Interior monitoring switch
E326	Front interior light button
E457	Driver side reading light button
E458	Front passenger side reading light button
J519	Onboard supply control unit
SC5	Fuse 5 on fuse holder C
T6bc	6-pin connector, blue
T10ab	10-pin connector, white, in left A-pillar coupling station
T73a	73-pin connector, black
W1	Front interior light
W13	Front passenger reading light
W19	Driver side reading light
347	Earth connection, in roof wiring harness
639	Earth point, left A-pillar
A144	Connection (interior monitoring) in dash panel wiring harness
B315	Positive connection 1 (30a) in main wiring harness
R6	Positive connection 1, in interior light wiring harness
*	For models with anti-theft alarm system
*2	Only models with reading lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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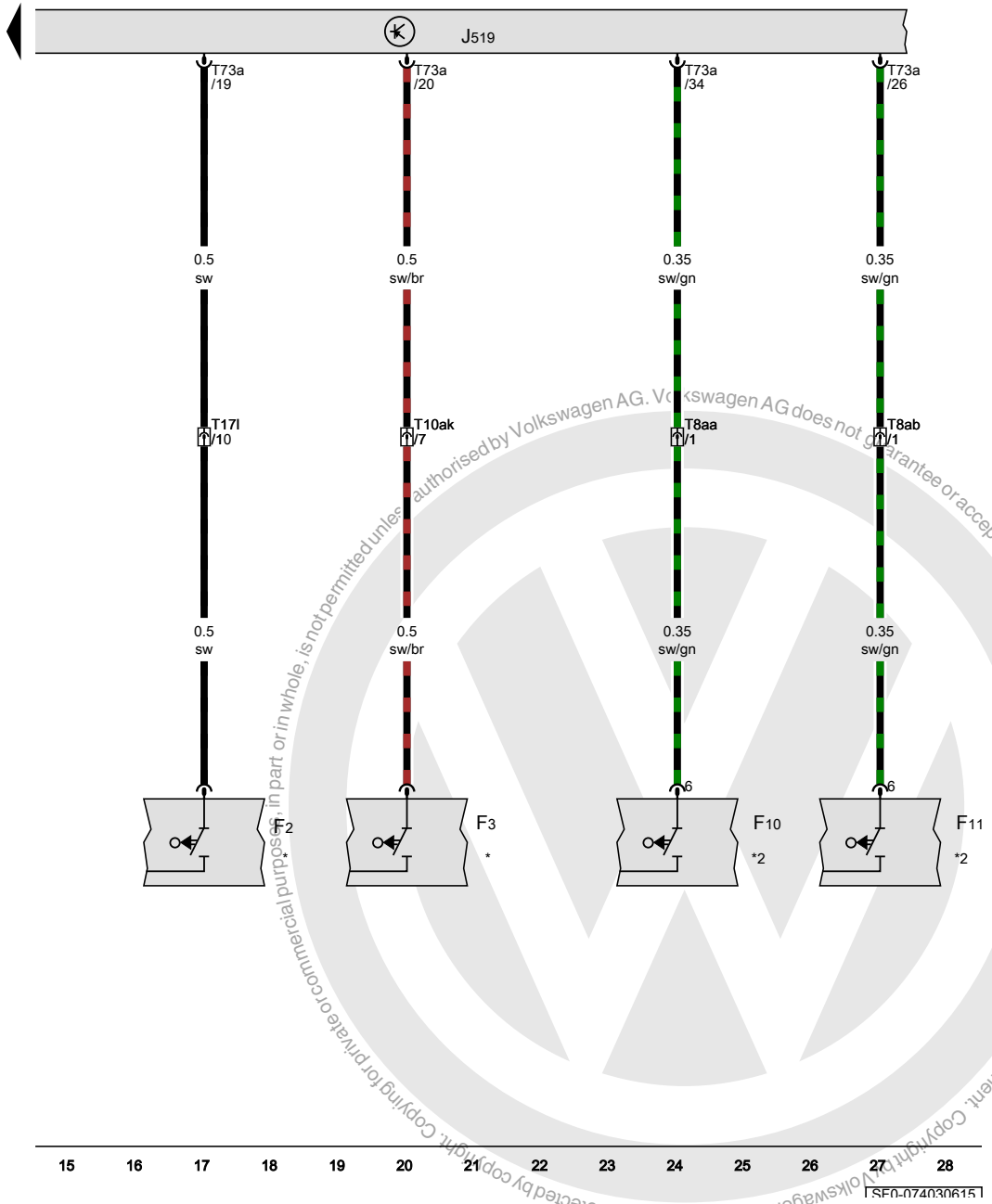

Driver door contact switch, Front passenger door contact switch, Rear left door contact switch, Rear right door contact switch, Onboard supply control unit

F2	Driver door contact switch
F3	Front passenger door contact switch
F10	Rear left door contact switch
F11	Rear right door contact switch
J519	Onboard supply control unit
T8aa	8-pin connector, black, on left B-pillar
T8ab	8-pin connector, black, on right B-pillar
T10ak	10-pin connector, black, in right A-pillar coupling station
T17l	17-pin connector, black, in left A-pillar coupling station
T73a	73-pin connector, black
*	see applicable current flow diagram for window regulators/ basic equipment/ convenience system
*2	Only models with double cab

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Interior lighting, panel van or Kombi models with roof console in headlining , (A8B),(A9A)

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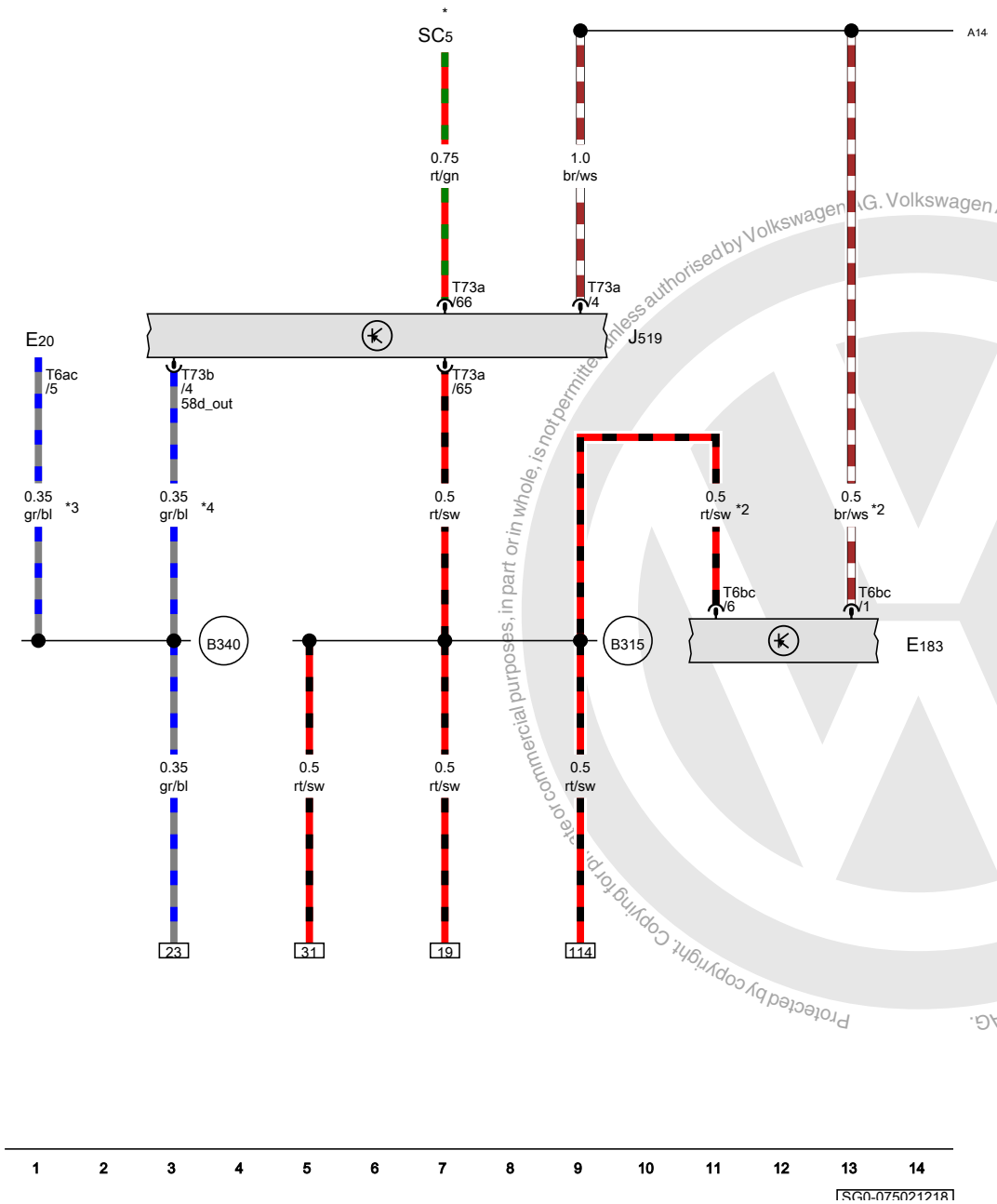

Switch and instrument illumination regulator, Onboard supply control unit

E20	Switch and instrument illumination regulator
E183	Interior monitoring switch
J519	Onboard supply control unit
SC5	Fuse 5 on fuse holder C
T6ac	6-pin connector, black
T6bc	6-pin connector, blue
T73a	73-pin connector, black
T73b	73-pin connector, white
A144	Connection (interior monitoring) in dash panel wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with anti-theft alarm system, interior monitor and tow-away protection
*3	For models with dimmable instrument illumination
*4	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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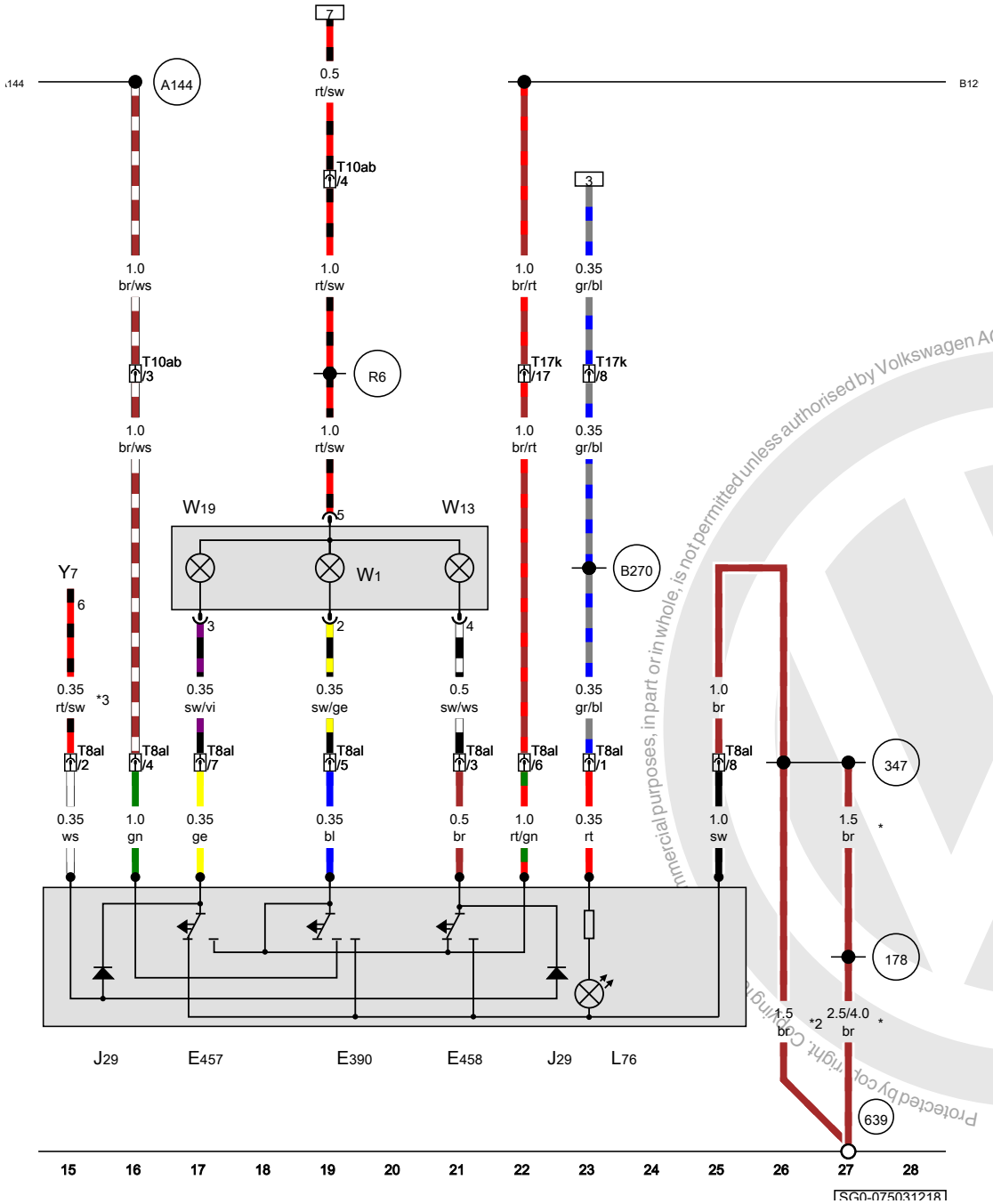

Interior lighting central switch button, Front interior light, Automatic anti-dazzle interior mirror

E390	Interior lighting central switch button
E457	Driver side reading light button
E458	Front passenger side reading light button
J29	Blocking diode
L76	Button illumination bulb
T8al	8-pin connector, black, near front interior light
T10ab	10-pin connector, white, in left A-pillar coupling station
T17k	17-pin connector, green, in left A-pillar coupling station
W1	Front interior light
W13	Front passenger reading light
W19	Driver side reading light
Y7	Automatic anti-dazzle interior mirror
178	Earth connection, in sliding sunroof wiring harness
347	Earth connection, in roof wiring harness
639	Earth point, left A-pillar
A144	Connection (interior monitoring) in dash panel wiring harness
B129	Connection (interior light, 31l), in interior wiring harness
B270	Connection (58s), in roof wiring harness
R6	Positive connection 1, in interior light wiring harness
*	For models with sliding/tilting sunroof
*2	For models with no sliding/tilting sunroof
*3	For models with automatic anti-dazzle interior mirror

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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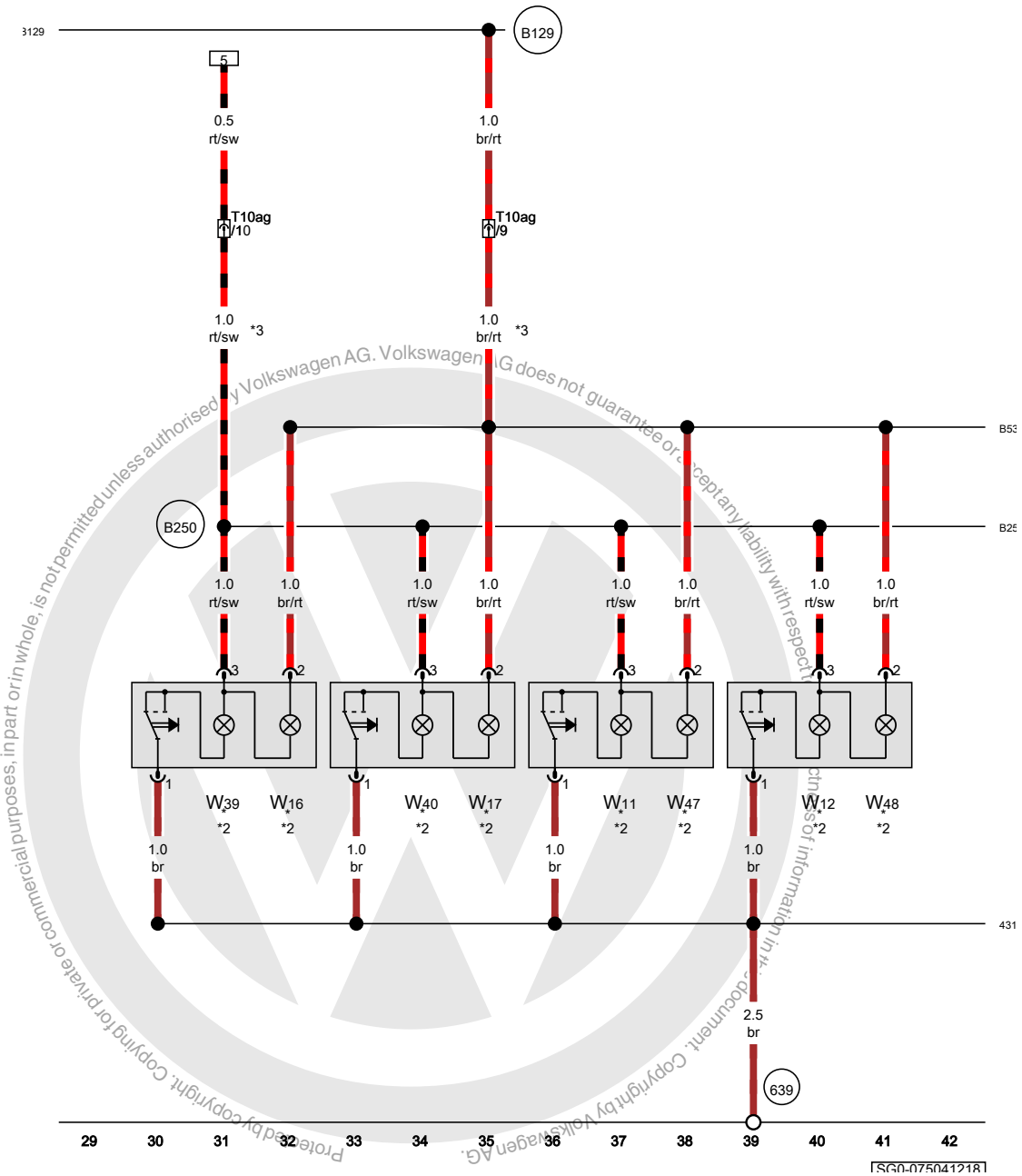

Left interior light, Right interior light, Rear left interior light, Rear right interior light

T10ag	10-pin connector, brown, in left A-pillar coupling station
W11	Rear left reading light
W12	Rear right reading light
W16	Left interior light
W17	Right interior light
W39	Left centre reading light
W40	Right centre reading light
W47	Rear left interior light
W48	Rear right interior light
431	Earth connection 2, in roof wiring harness
639	Earth point, left A-pillar
B129	Connection (interior light, 31l), in interior wiring harness
B250	Positive connection, in roof wiring harness
B533	Connection 1 (DCt), in roof wiring harness
*	According to equipment
*2	Also as LED version
*3	Not for Camper

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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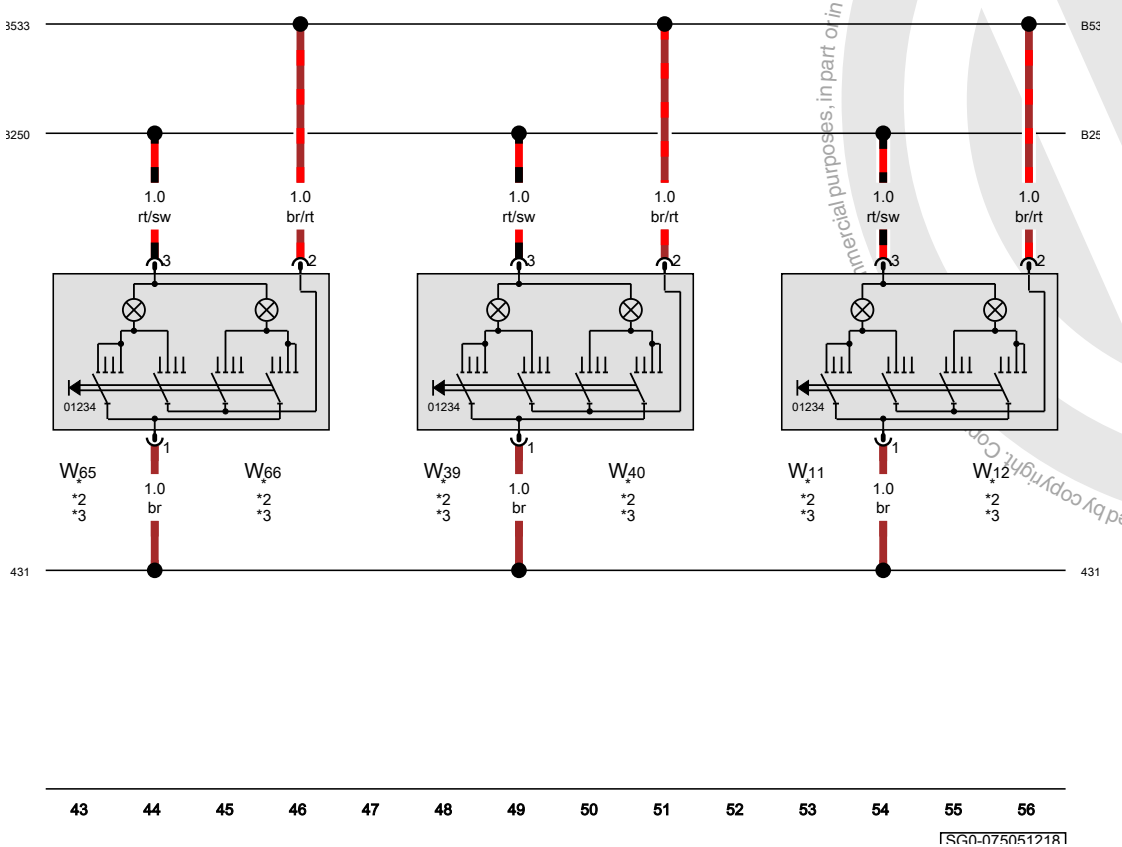
Rear left reading light, Rear right reading light, Left centre reading light, Right centre reading light, Front left reading light, Front right reading light

W11	Rear left reading light
W12	Rear right reading light
W39	Left centre reading light
W40	Right centre reading light
W65	Front left reading light
W66	Front right reading light
431	Earth connection 2, in roof wiring harness
B250	Positive connection, in roof wiring harness
B533	Connection 1 (DCt), in roof wiring harness
*	For Kombi models
*2	According to equipment
*3	Also as LED version



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
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vi	=	purple
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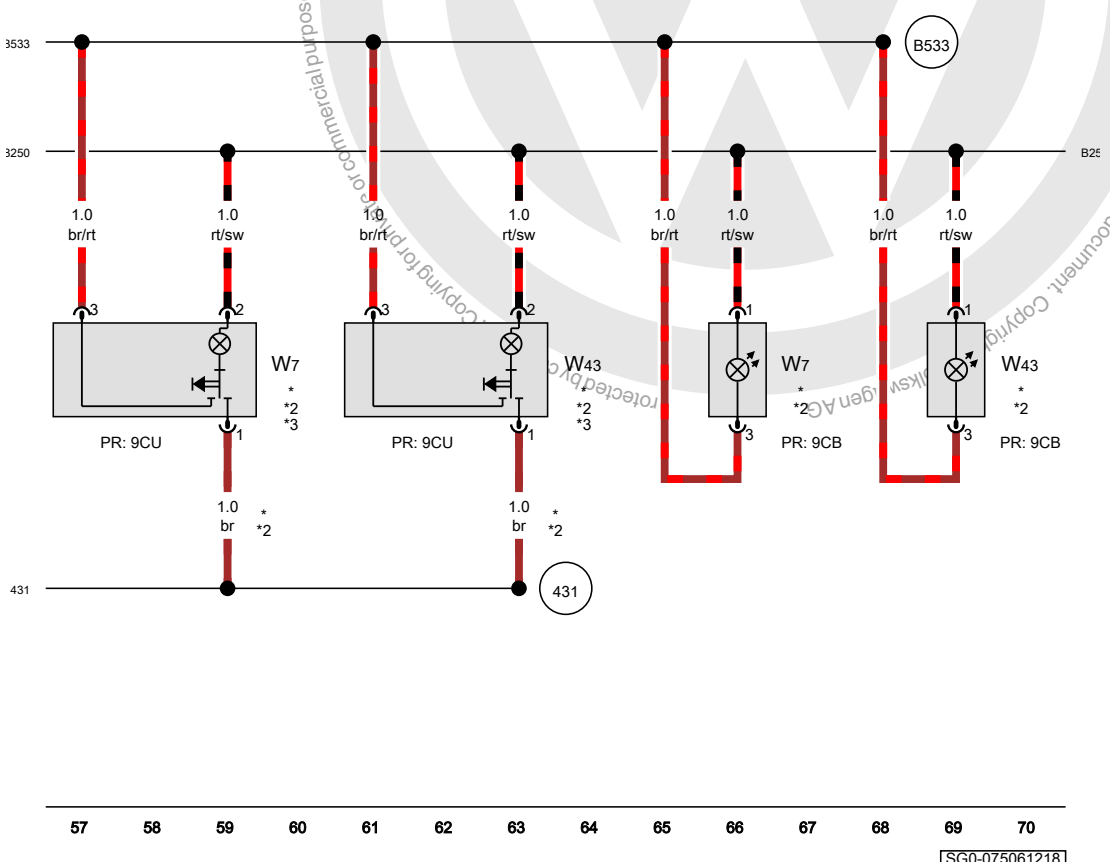
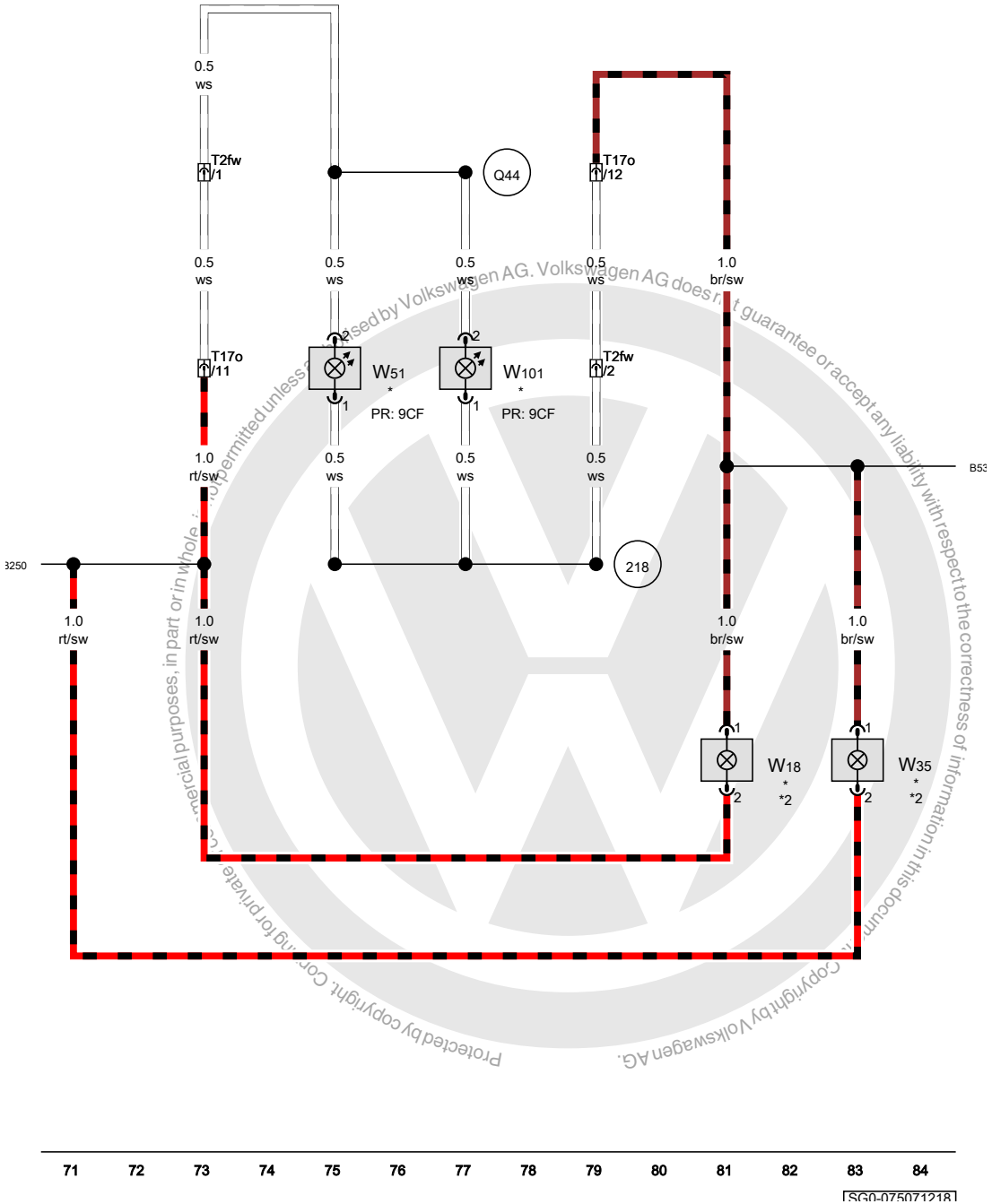


Centre interior light, Rear interior light

W7	Centre interior light
W43	Rear interior light
431	Earth connection 2, in roof wiring harness
B250	Positive connection, in roof wiring harness
B533	Connection 1 (DCt), in roof wiring harness
*	According to equipment
*2	For panel van and Kombi models
*3	Also as LED version

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Left luggage compartment light, Right luggage compartment light, Rear lid light, Rear lid light 2

T2fw	2-pin connector, black, in rear lid
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
W18	Left luggage compartment light
W35	Right luggage compartment light
W51	Rear lid light
W101	Rear lid light 2
218	Earth connection 1, in rear lid wiring harness
B250	Positive connection, in roof wiring harness
B534	Connection 1 (luggage compartment switch), in roof wiring harness
Q44	Connection 2, in rear lid wiring harness
*	According to equipment
*2	Also as LED version

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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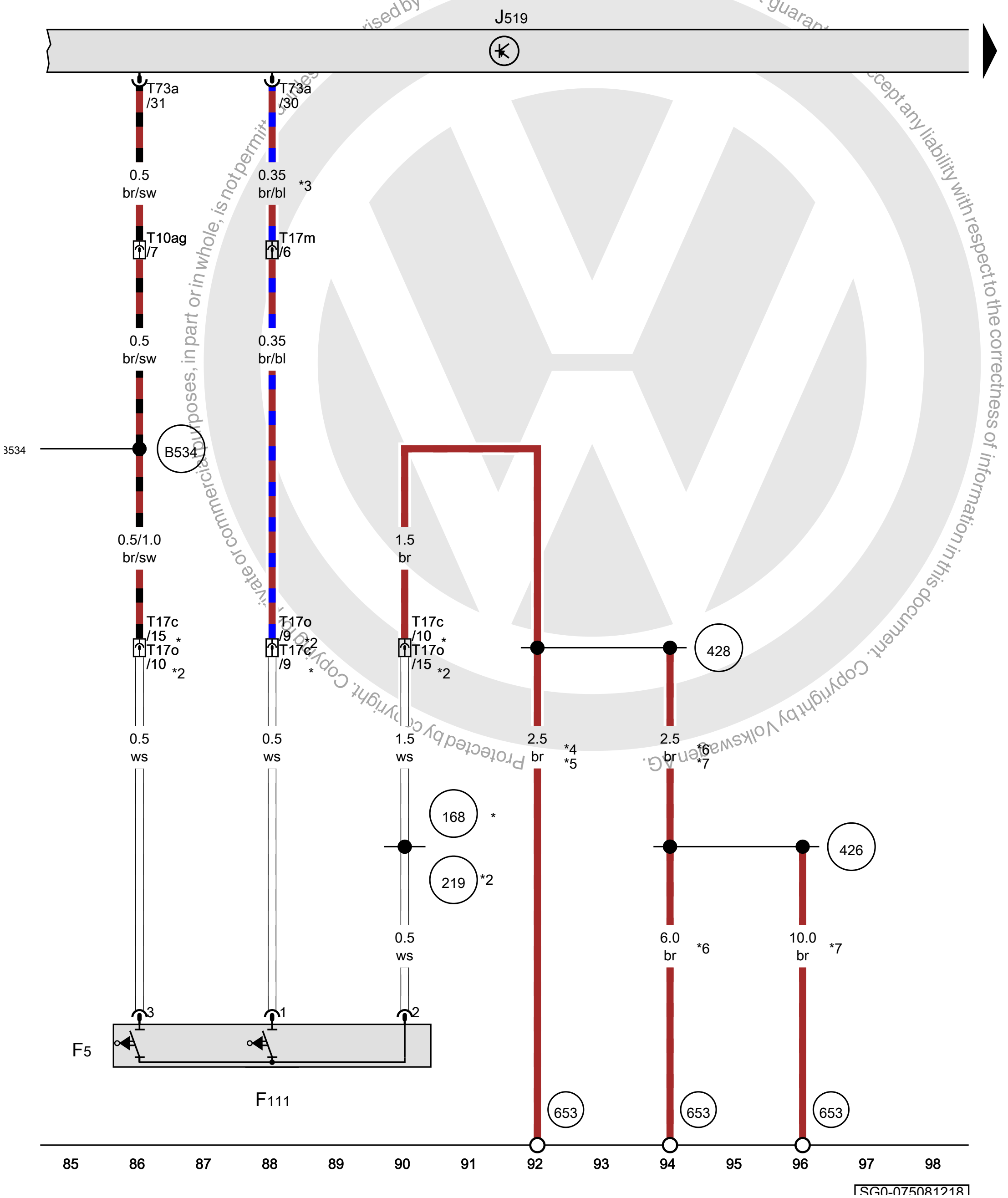
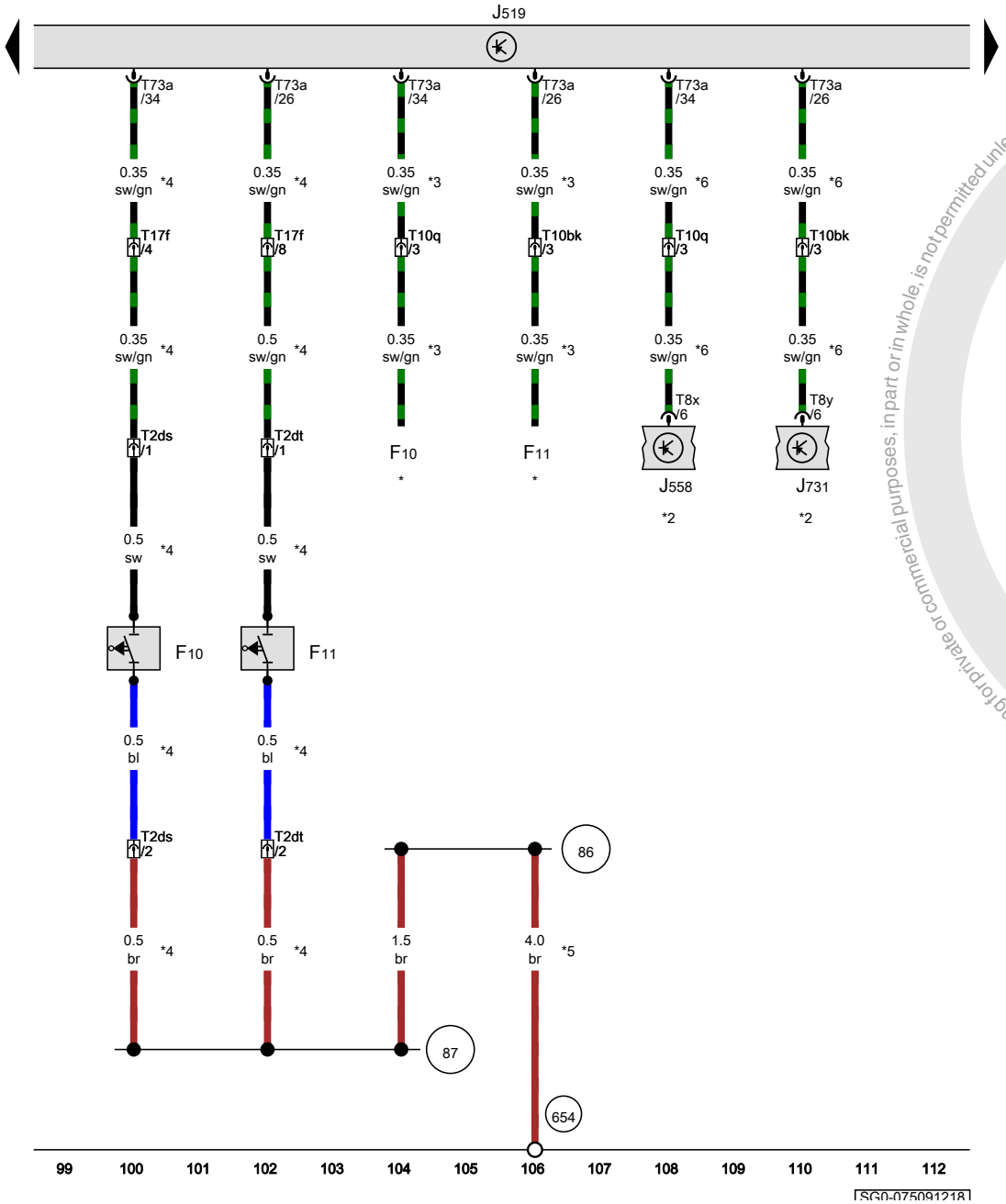


Luggage compartment light switch, Rear lid contact switch, Onboard supply control unit

F5	Luggage compartment light switch, in rear lid
F111	Rear lid contact switch
J519	Onboard supply control unit
T10ag	10-pin connector, brown, in left A-pillar coupling station
T17c	17-pin connector, black, behind left D-pillar trim
T17m	17-pin connector, red, in left A-pillar coupling station
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
T73a	73-pin connector, black
168	Earth connection, in rear left wing door wiring harness
219	Earth connection 2, in rear lid wiring harness
426	Earth connection 3, in left rear end wiring harness
428	Earth connection 4, in left rear end wiring harness
653	Earth point, on left D-pillar
B534	Connection 1 (luggage compartment switch), in roof wiring harness
*	For models with wing doors
*2	For models with rear lid
*3	For models with no electric sliding doors/power latching system
*4	For models with no towing bracket
*5	For models with no heated rear window
*6	For models with trailer socket or heated rear window
*7	For models with trailer socket and heated rear window

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit, Left sliding door control unit, Right sliding door control unit



F10	Rear left door contact switch
F11	Rear right door contact switch
J519	Onboard supply control unit
J558	Left sliding door control unit
J731	Right sliding door control unit
T2ds	2-pin connector, black, on left C-pillar
T2dt	2-pin connector, black, on right C-pillar
T8x	8-pin connector, black
T8y	8-pin connector, black
T10bk	10-pin connector, grey, under seat on front right
T10q	10-pin connector, green, under seat on front left
T17f	17-pin connector, brown, under seat on front left
T73a	73-pin connector, black
86	Earth connection 1, in rear wiring harness
87	Earth connection 2, in rear wiring harness
654	Earth point, on right D-pillar
*	see applicable current flow diagram for convenience system
*2	For models with no electric sliding doors
*3	For models with manual sliding door and anti-theft alarm system
*4	For models with manual sliding door and with no anti-theft alarm system/electric sliding door/power latching system
*5	Cross-section 6.0 possible
*6	For models with power latching system and with no electric sliding door

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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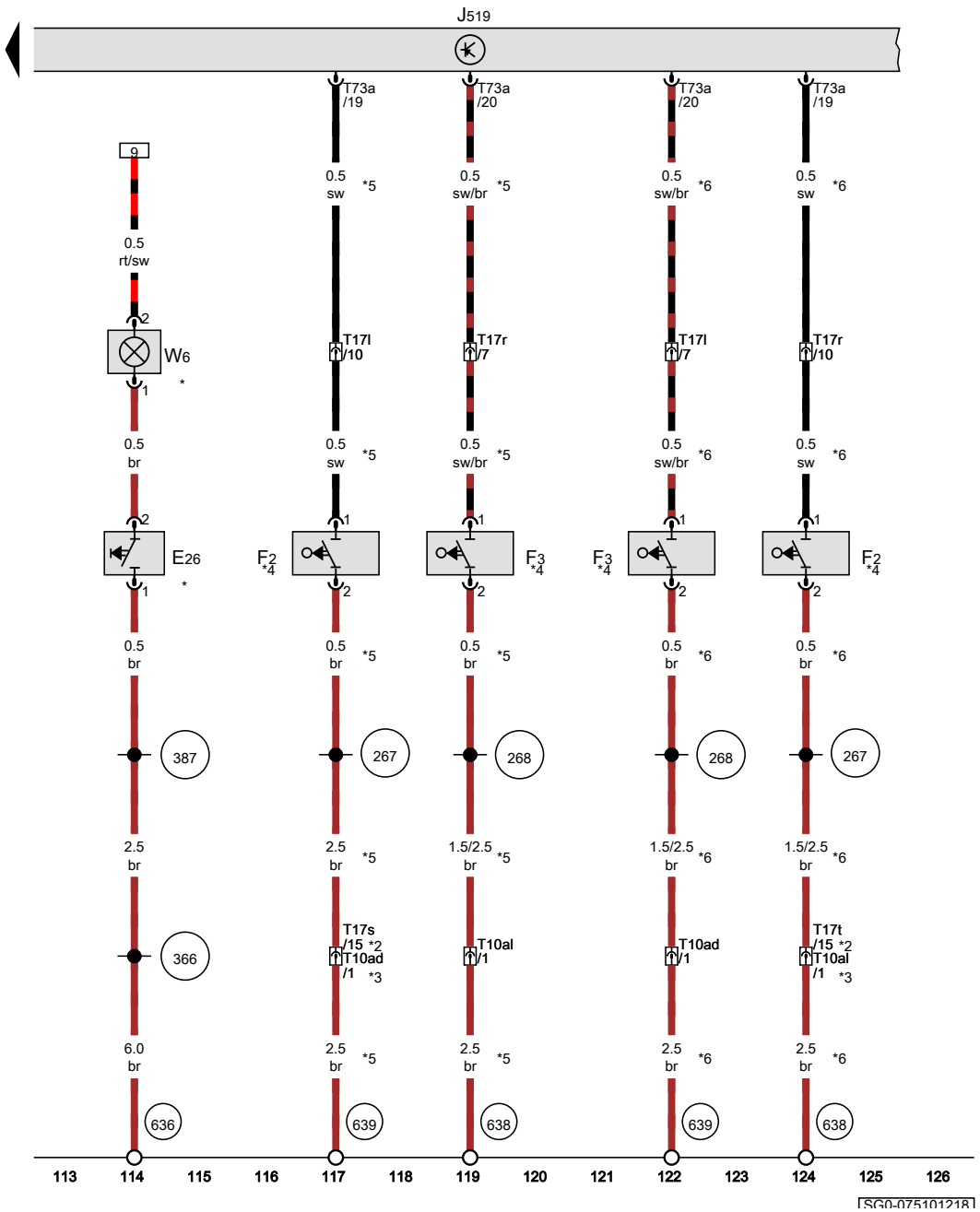
Glove compartment light switch, Driver door contact switch, Front passenger door contact switch, Onboard supply control unit, Glove compartment light



E26	Glove compartment light switch
F2	Driver door contact switch
F3	Front passenger door contact switch
J519	Onboard supply control unit
T10ad	10-pin connector, red, on left A-pillar
T10al	10-pin connector, red, on right A-pillar
T17l	17-pin connector, black, on left A-pillar
T17r	17-pin connector, black, on right A-pillar
T17s	17-pin connector, red, on left A-pillar
T17t	17-pin connector, red, on right A-pillar
T73a	73-pin connector, black
W6	Glove compartment light
267	Earth connection 2, in drive side door wiring harness
268	Earth connection 2, in front passenger side door wiring harness
366	Earth connection 1, in main wiring harness
387	Earth connection 22, in main wiring harness
636	Earth point, onboard supply control unit
638	Earth point, on right A-pillar
639	Earth point, left A-pillar
*	According to equipment
*2	From January 2016
*3	Up to January 2016
*4	For models with no central locking
*5	For left-hand drive models
*6	For right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Interior lighting, panel van or Kombi models with no roof console in headliner , (A8B),(A9A)

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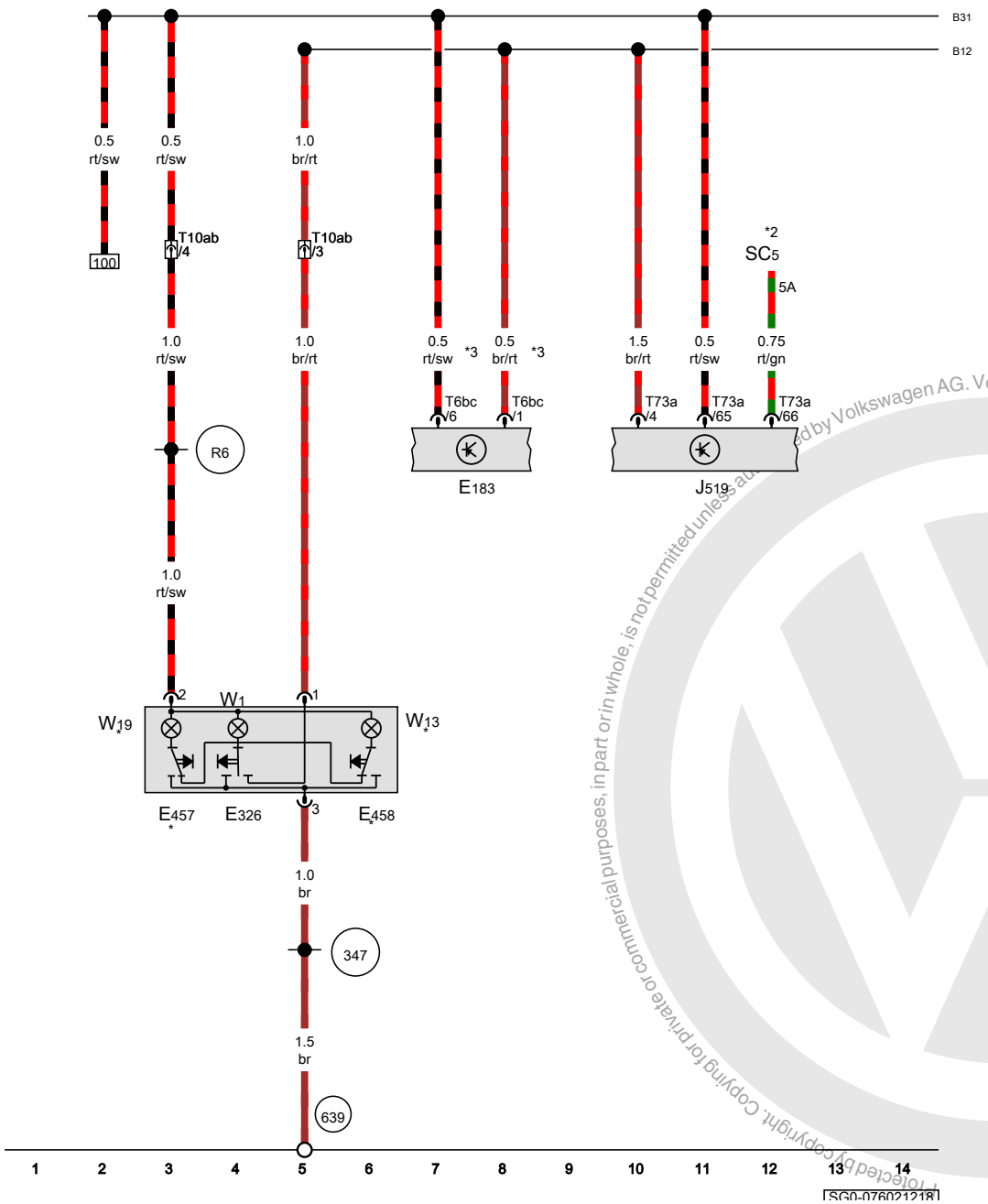

Interior monitoring switch, Onboard supply control unit, Front interior light

E183	Interior monitoring switch
E326	Front interior light button
E457	Driver side reading light button
E458	Front passenger side reading light button
J519	Onboard supply control unit
SC5	Fuse 5 on fuse holder C
T6bc	6-pin connector, blue
T10ab	10-pin connector, white, in left A-pillar coupling station
T73a	73-pin connector, black
W1	Front interior light
W13	Front passenger reading light
W19	Driver side reading light
347	Earth connection, in roof wiring harness
639	Earth point, left A-pillar
B129	Connection (interior light, 31l), in interior wiring harness
B315	Positive connection 1 (30a) in main wiring harness
R6	Positive connection 1, in interior light wiring harness
*	According to equipment
*2	see applicable current flow diagram for fuse assignment
*3	For models with interior monitoring deactivation switch

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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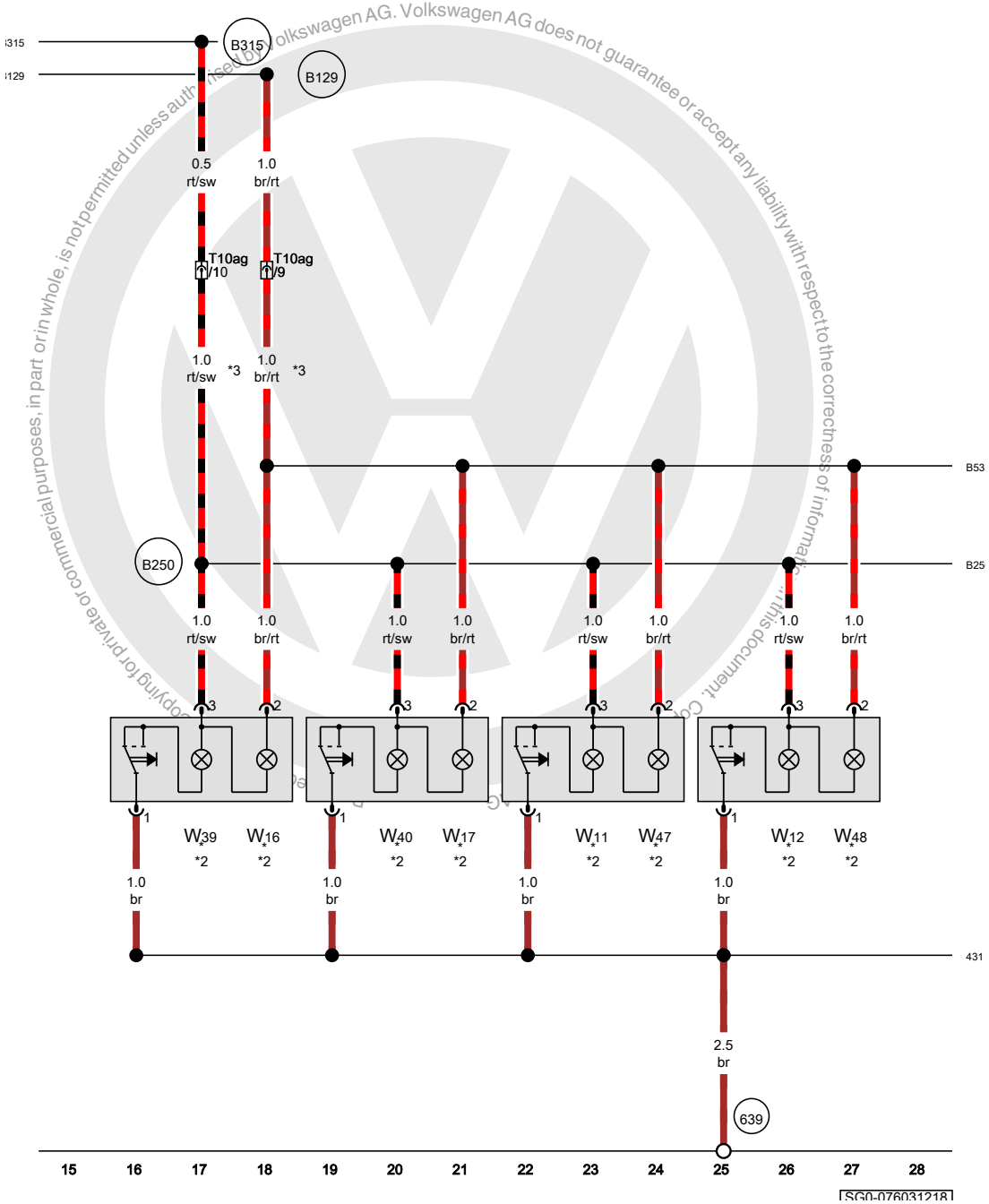

Left interior light, Right interior light, Rear left interior light, Rear right interior light

T10ag	10-pin connector, brown, in left A-pillar coupling station
W11	Rear left reading light
W12	Rear right reading light
W16	Left interior light
W17	Right interior light
W39	Left centre reading light
W40	Right centre reading light
W47	Rear left interior light
W48	Rear right interior light
431	Earth connection 2, in roof wiring harness
639	Earth point, left A-pillar
B129	Connection (interior light, 31l), in interior wiring harness
B250	Positive connection, in roof wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B533	Connection 1 (DCt), in roof wiring harness
*	According to equipment
*2	Also as LED version
*3	Not for Camper

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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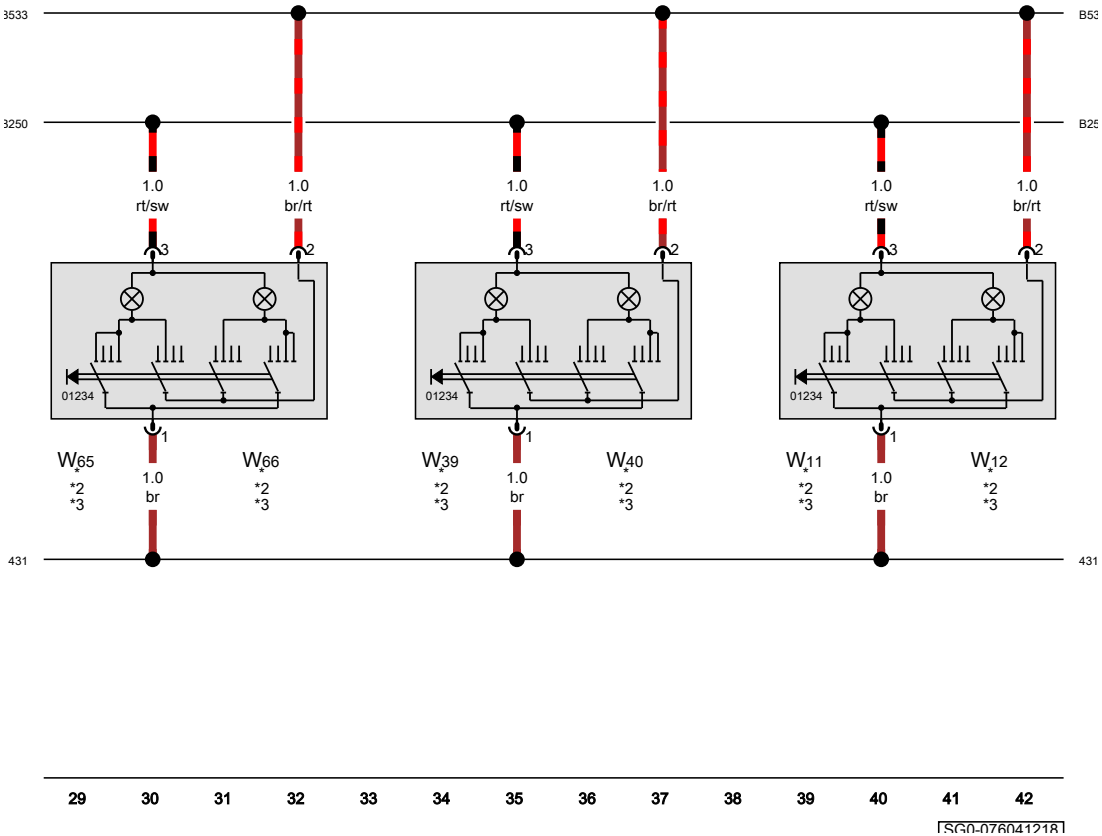
Rear left reading light, Rear right reading light, Left centre reading light, Right centre reading light, Front left reading light, Front right reading light

W11	Rear left reading light
W12	Rear right reading light
W39	Left centre reading light
W40	Right centre reading light
W65	Front left reading light
W66	Front right reading light
431	Earth connection 2, in roof wiring harness
B250	Positive connection, in roof wiring harness
B533	Connection 1 (DCt), in roof wiring harness
*	For Kombi models
*2	According to equipment
*3	Also as LED version



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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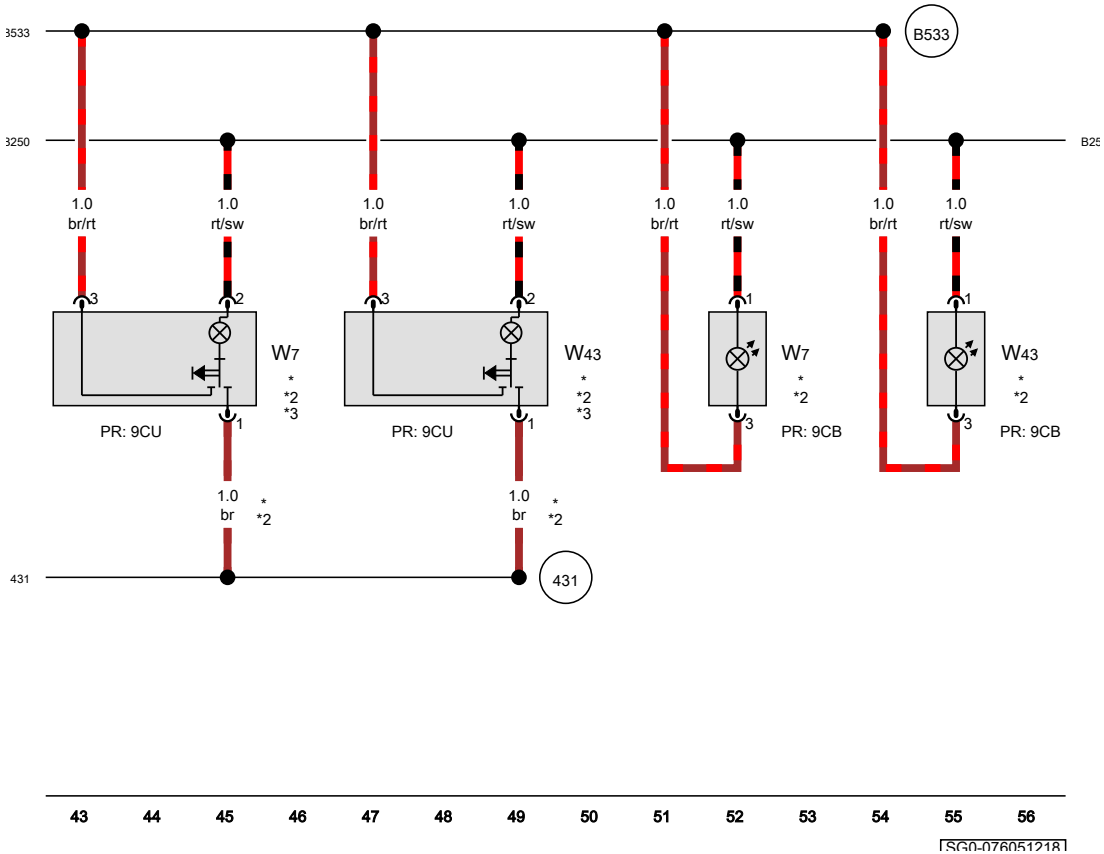
Centre interior light, Rear interior light

W7	Centre interior light
W43	Rear interior light
431	Earth connection 2, in roof wiring harness
B250	Positive connection, in roof wiring harness
B533	Connection 1 (DCt), in roof wiring harness
*	According to equipment
*2	For panel van and Kombi models
*3	Also as LED version



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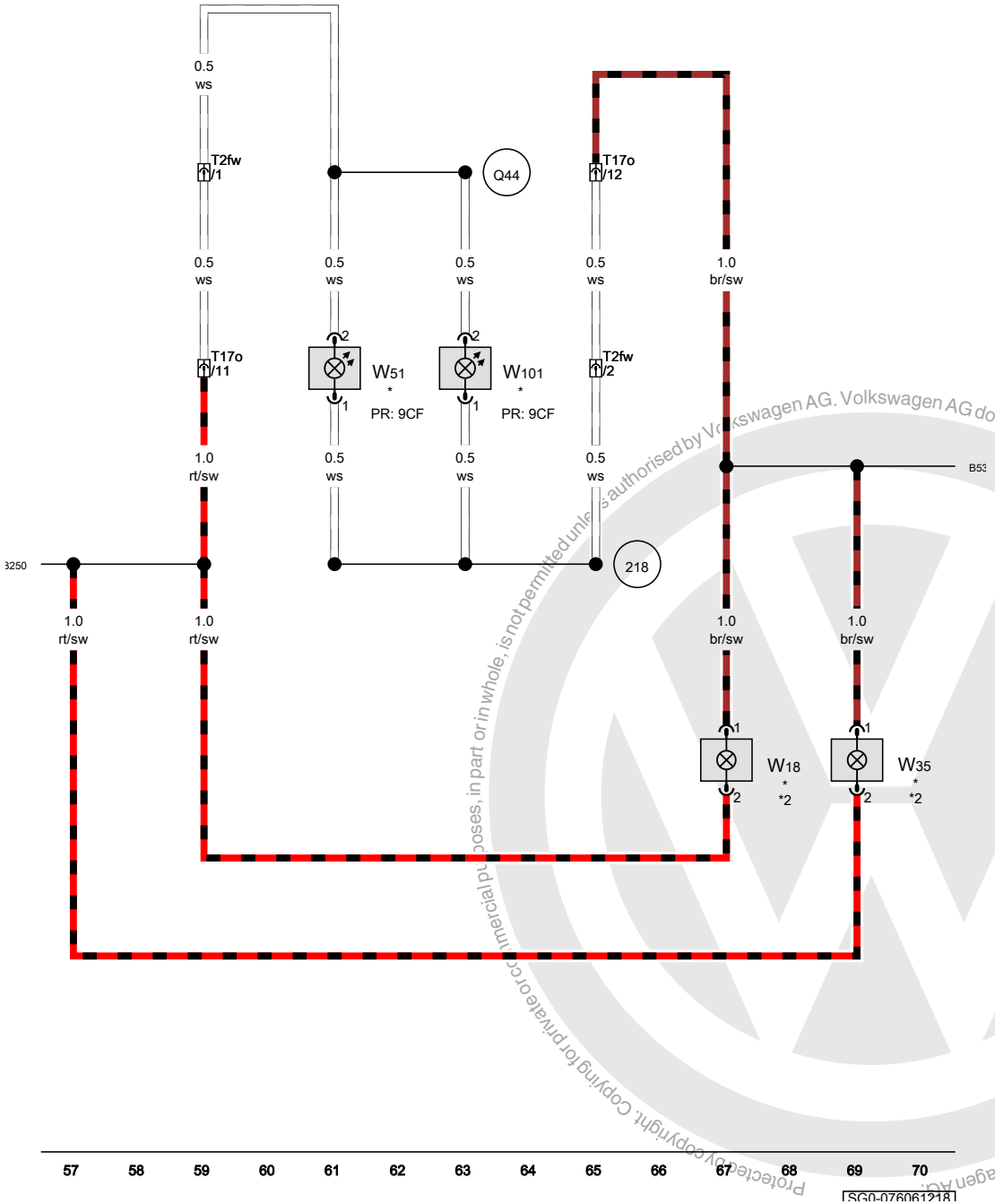

Left luggage compartment light, Right luggage compartment light, Rear lid light, Rear lid light 2

T2fw	2-pin connector, black, in rear lid
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
W18	Left luggage compartment light
W35	Right luggage compartment light
W51	Rear lid light
W101	Rear lid light 2
218	Earth connection 1, in rear lid wiring harness
B250	Positive connection, in roof wiring harness
B534	Connection 1 (luggage compartment switch), in roof wiring harness
Q44	Connection 2, in rear lid wiring harness
*	According to equipment
*2	Also as LED version

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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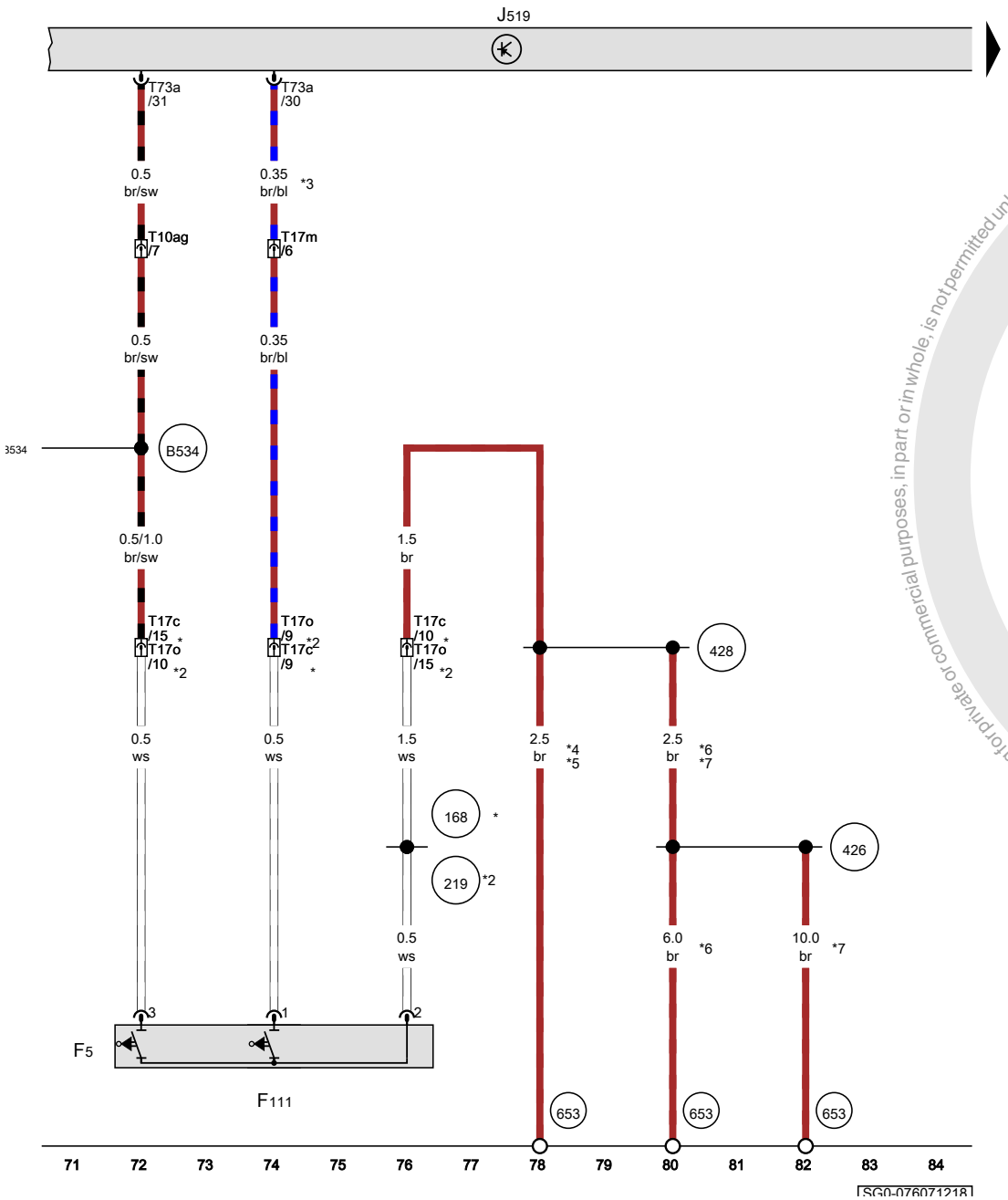
Luggage compartment light switch, Rear lid contact switch, Onboard supply control unit



F5	Luggage compartment light switch, in rear lid
F111	Rear lid contact switch
J519	Onboard supply control unit
T10ag	10-pin connector, brown, in left A-pillar coupling station
T17c	17-pin connector, black, behind left D-pillar trim
T17m	17-pin connector, red, in left A-pillar coupling station
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
T73a	73-pin connector, black
168	Earth connection, in rear left wing door wiring harness
219	Earth connection 2, in rear lid wiring harness
426	Earth connection 3, in left rear end wiring harness
428	Earth connection 4, in left rear end wiring harness
653	Earth point, on left D-pillar
B534	Connection 1 (luggage compartment switch), in roof wiring harness
*	For models with wing doors
*2	For models with rear lid
*3	For models with no electric sliding doors/power latching system
*4	For models with no towing bracket
*5	For models with no heated rear window
*6	For models with trailer socket or heated rear window
*7	For models with trailer socket and heated rear window

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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or	=	orange
rs	=	pink

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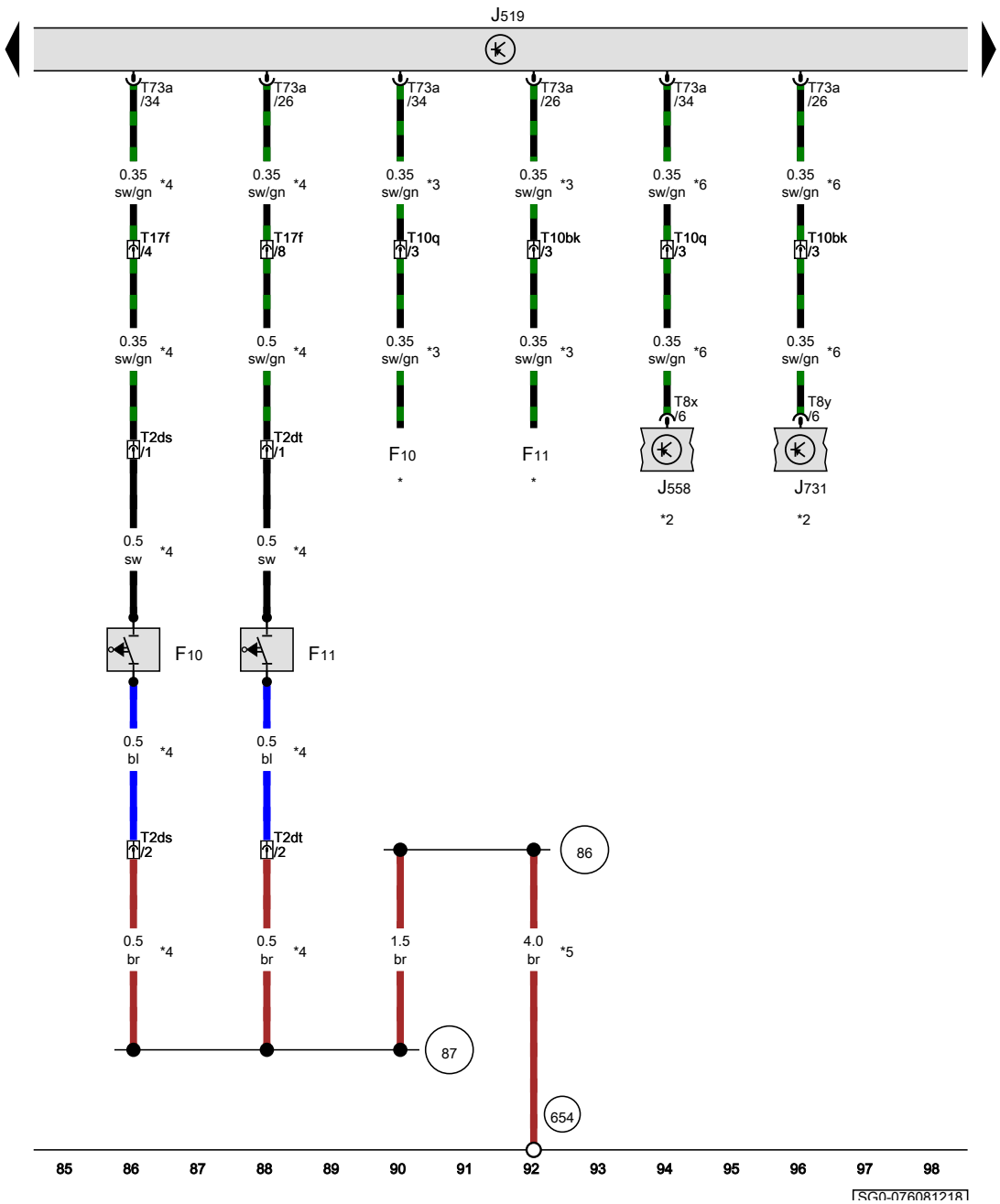

Onboard supply control unit, Left sliding door control unit, Right sliding door control unit

F10	Rear left door contact switch
F11	Rear right door contact switch
J519	Onboard supply control unit
J558	Left sliding door control unit
J731	Right sliding door control unit
T2ds	2-pin connector, black, on left C-pillar
T2dt	2-pin connector, black, on right C-pillar
T8x	8-pin connector, black
T8y	8-pin connector, black
T10bk	10-pin connector, grey, under seat on front right
T10q	10-pin connector, green, under seat on front left
T17f	17-pin connector, brown, under seat on front left
T73a	73-pin connector, black
86	Earth connection 1, in rear wiring harness
87	Earth connection 2, in rear wiring harness
654	Earth point, on right D-pillar
*	see applicable current flow diagram for convenience system
*2	For models with no electric sliding doors
*3	For models with manual sliding door and anti-theft alarm system
*4	For models with manual sliding door and with no anti-theft alarm system/electric sliding door/power latching system
*5	Cross-section 6.0 possible
*6	For models with power latching system and with no electric sliding door

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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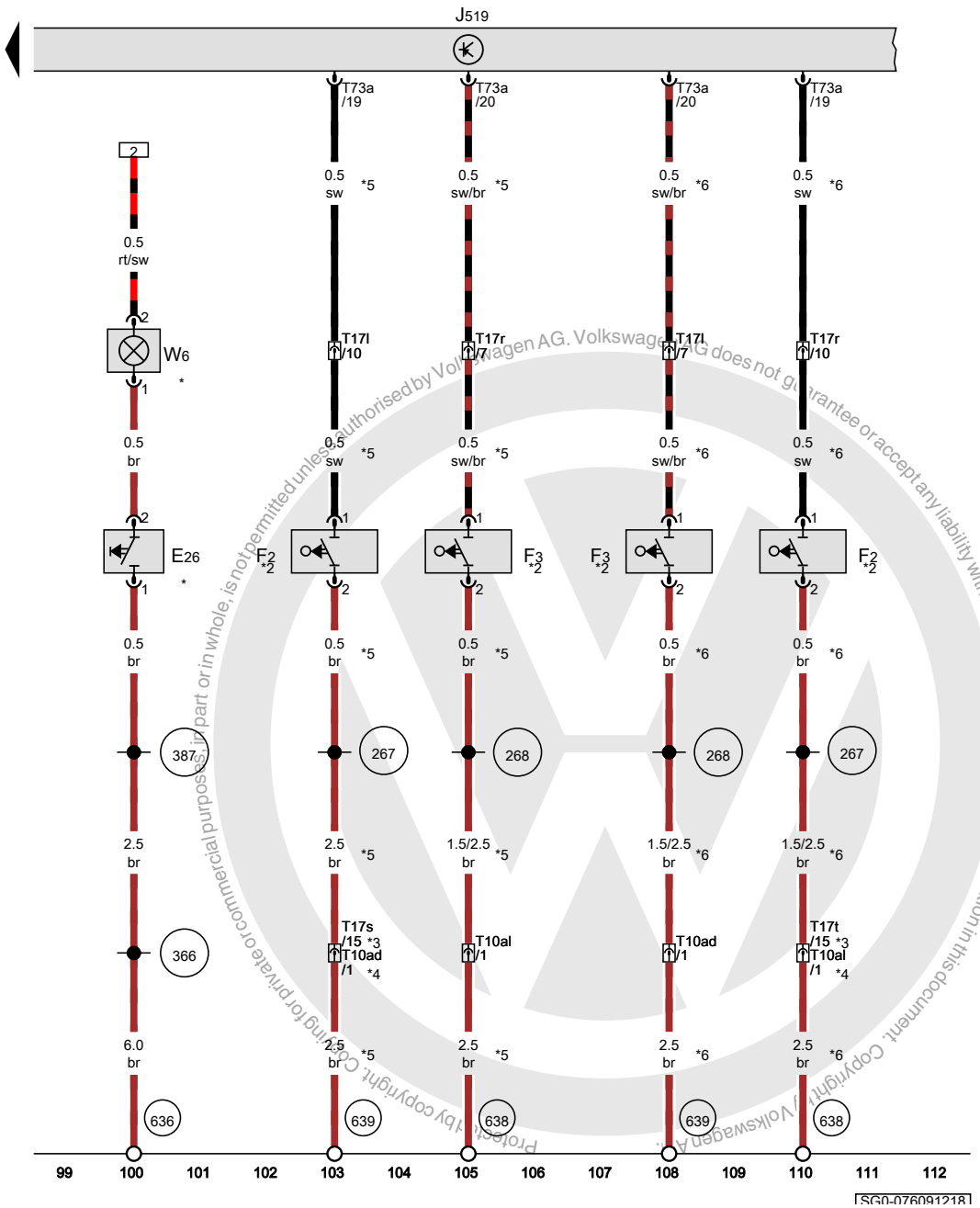

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bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Glove compartment light switch, Driver door contact switch, Front passenger door contact switch, Onboard supply control unit, Glove compartment light

E26	Glove compartment light switch
F2	Driver door contact switch
F3	Front passenger door contact switch
J519	Onboard supply control unit
T10ad	10-pin connector, red, on left A-pillar
T10al	10-pin connector, red, on right A-pillar
T17l	17-pin connector, black, on left A-pillar
T17r	17-pin connector, black, on right A-pillar
T17s	17-pin connector, red, on left A-pillar
T17t	17-pin connector, red, on right A-pillar
T73a	73-pin connector, black
W6	Glove compartment light
267	Earth connection 2, in drive side door wiring harness
268	Earth connection 2, in front passenger side door wiring harness
366	Earth connection 1, in main wiring harness
387	Earth connection 22, in main wiring harness
636	Earth point, onboard supply control unit
638	Earth point, on right A-pillar
639	Earth point, left A-pillar
*	According to equipment
*2	For models with no central locking
*3	From January 2016
*4	Up to January 2016
*5	For left-hand drive models
*6	For right-hand drive models

Interior lighting, panel van or Kombi models with no roof console in headliner , (A8E),(A8L),(A8M),(A8Q),(A8R),(A8Z),(A9K),(A9W)

From June 2015

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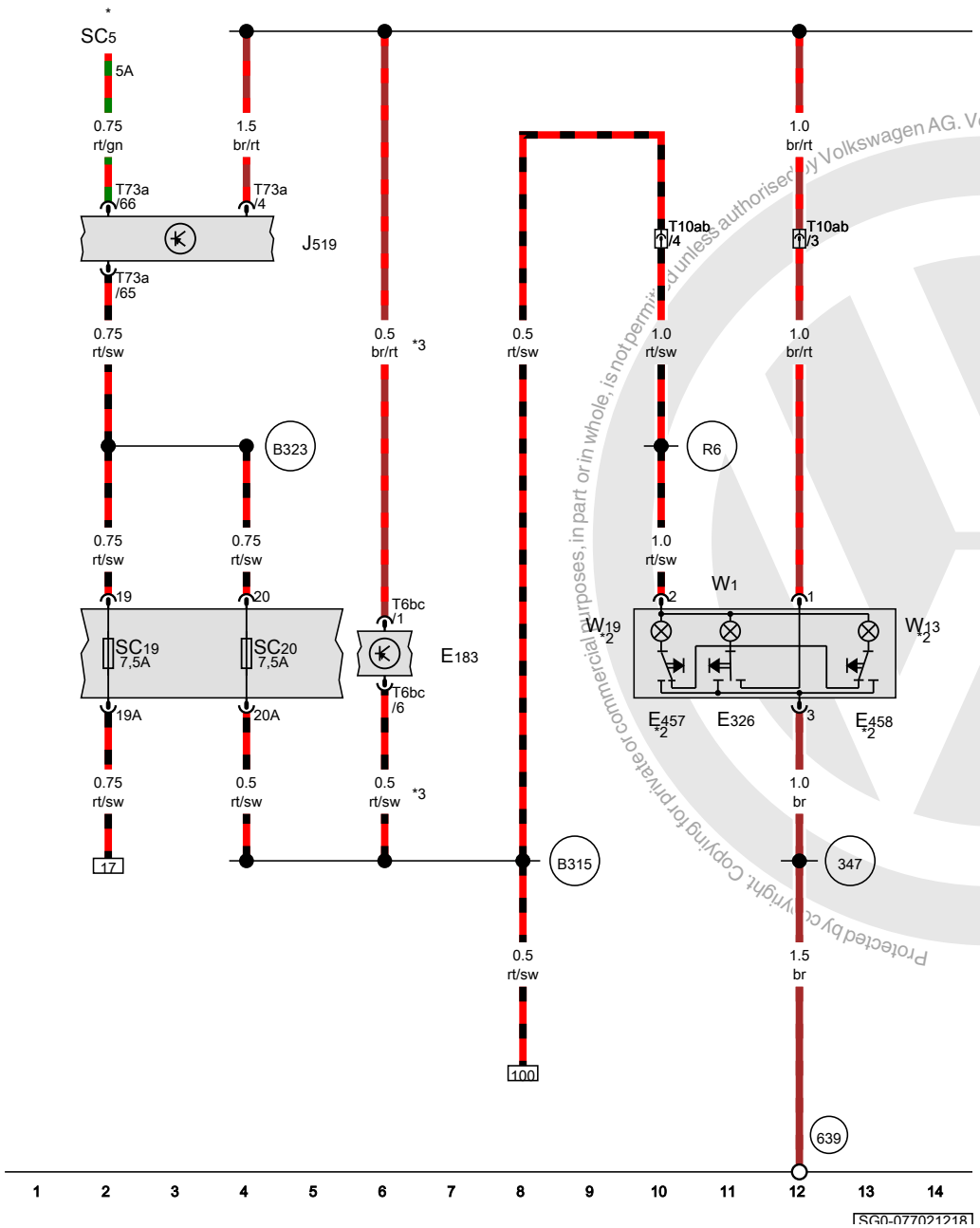
Onboard supply control unit, Fuse 5 on fuse holder C, Fuse 20 on fuse holder C, Front interior light



E183	Interior monitoring switch
E326	Front interior light button
E457	Driver side reading light button
E458	Front passenger side reading light button
J519	Onboard supply control unit
SC5	Fuse 5 on fuse holder C
SC19	Fuse 19 on fuse holder C
SC20	Fuse 20 on fuse holder C
T6bc	6-pin connector, blue
T10ab	10-pin connector, white, in left A-pillar coupling station
T73a	73-pin connector, black
W1	Front interior light
W13	Front passenger reading light
W19	Driver side reading light
347	Earth connection, in roof wiring harness
639	Earth point, left A-pillar
B129	Connection (interior light, 31l), in interior wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B323	Positive connection 9 (30a) in main wiring harness
R6	Positive connection 1, in interior light wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment
*3	For models with interior monitoring deactivation switch

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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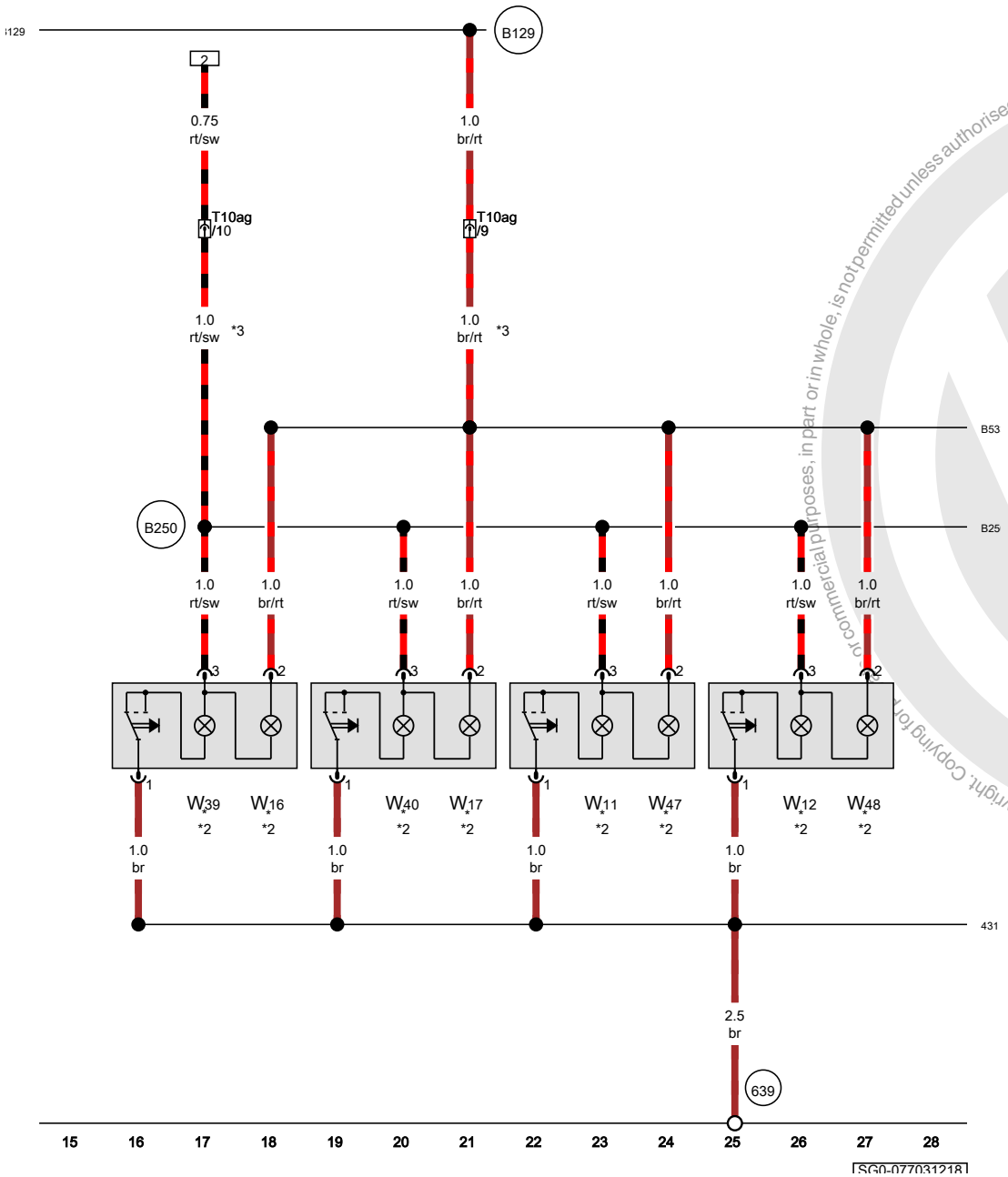
Left interior light, Right interior light, Rear left interior light, Rear right interior light



T10ag	10-pin connector, brown, in left A-pillar coupling station
W11	Rear left reading light
W12	Rear right reading light
W16	Left interior light
W17	Right interior light
W39	Left centre reading light
W40	Right centre reading light
W47	Rear left interior light
W48	Rear right interior light
431	Earth connection 2, in roof wiring harness
639	Earth point, left A-pillar
B129	Connection (interior light, 31l), in interior wiring harness
B250	Positive connection, in roof wiring harness
B533	Connection 1 (DCt), in roof wiring harness
*	According to equipment
*2	Also as LED version
*3	Not for Camper

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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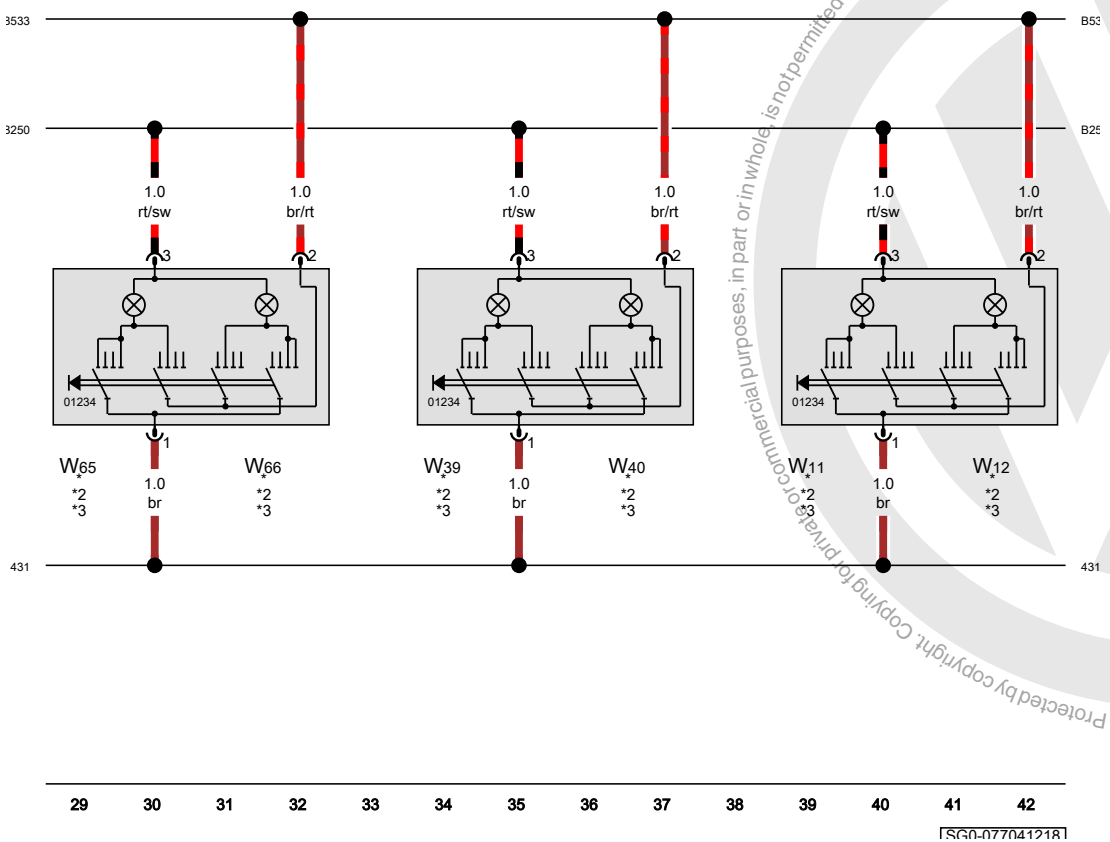
Rear left reading light, Rear right reading light, Left centre reading light, Right centre reading light, Front left reading light, Front right reading light

W11	Rear left reading light
W12	Rear right reading light
W39	Left centre reading light
W40	Right centre reading light
W65	Front left reading light
W66	Front right reading light
431	Earth connection 2, in roof wiring harness
B250	Positive connection, in roof wiring harness
B533	Connection 1 (DCt), in roof wiring harness
*	For Kombi models
*2	According to equipment
*3	Also as LED version



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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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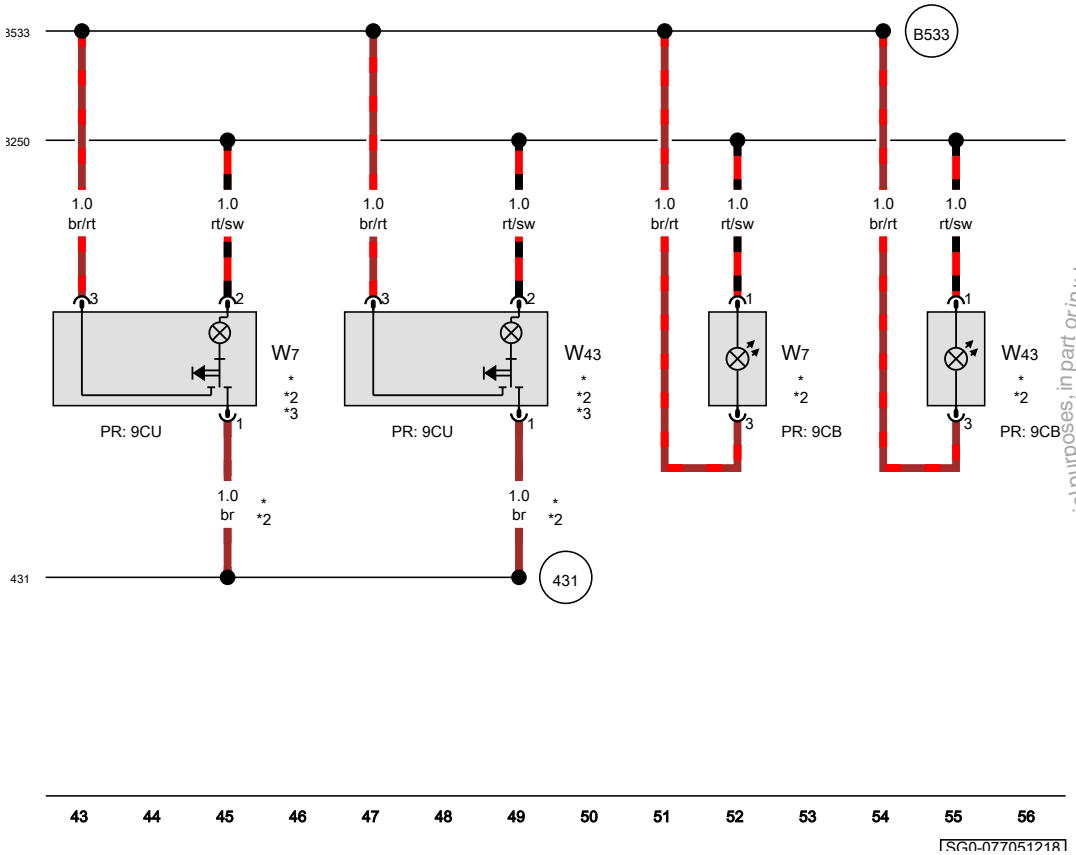
Centre interior light, Rear interior light

W7	Centre interior light
W43	Rear interior light
431	Earth connection 2, in roof wiring harness
B250	Positive connection, in roof wiring harness
B533	Connection 1 (DCt), in roof wiring harness
*	According to equipment
*2	For panel van and Kombi models
*3	Also as LED version



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
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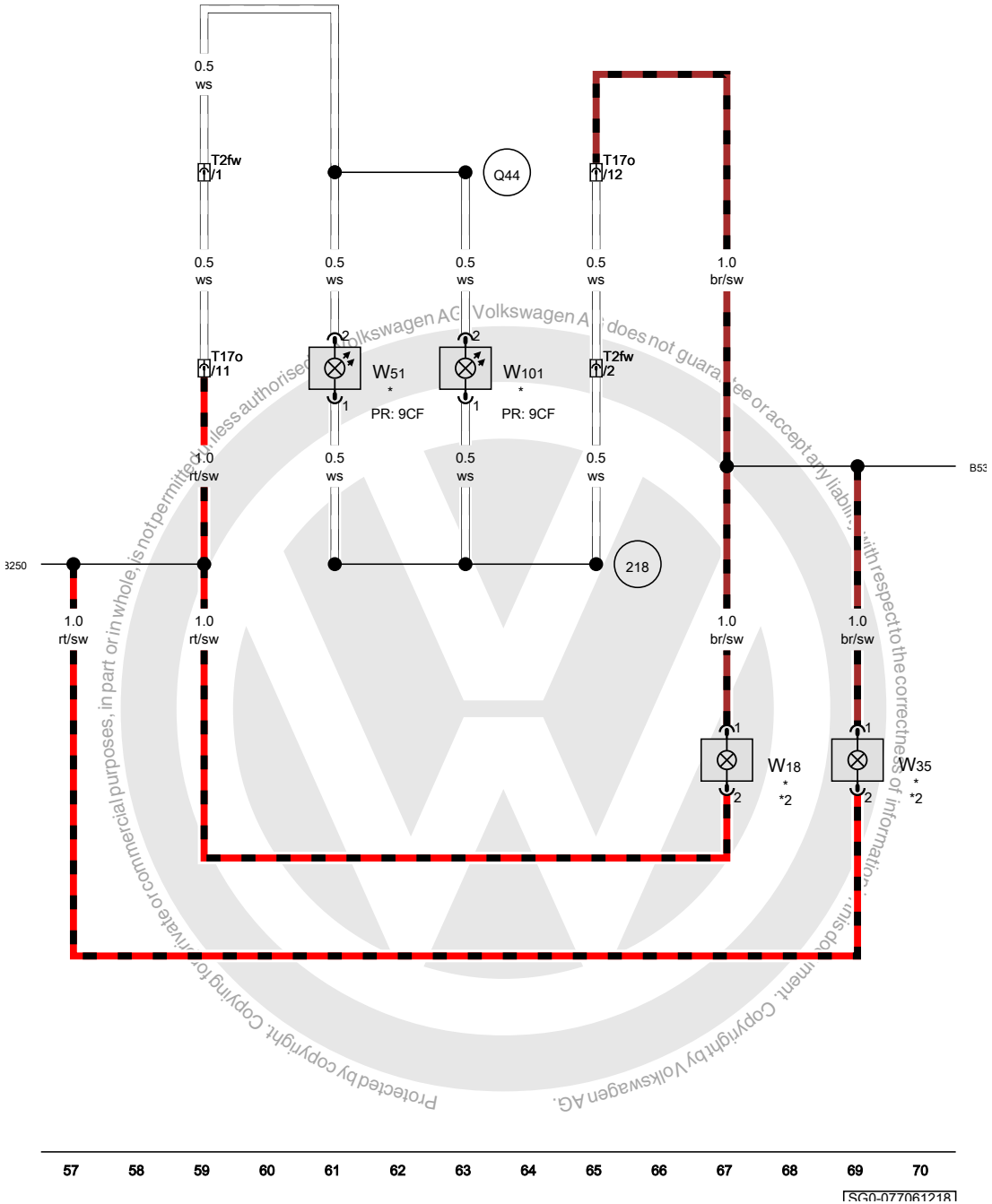

Left luggage compartment light, Right luggage compartment light, Rear lid light, Rear lid light 2

T2fw	2-pin connector, black, in rear lid
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
W18	Left luggage compartment light
W35	Right luggage compartment light
W51	Rear lid light
W101	Rear lid light 2
218	Earth connection 1, in rear lid wiring harness
B250	Positive connection, in roof wiring harness
B534	Connection 1 (luggage compartment switch), in roof wiring harness
Q44	Connection 2, in rear lid wiring harness
*	According to equipment
*2	Also as LED version

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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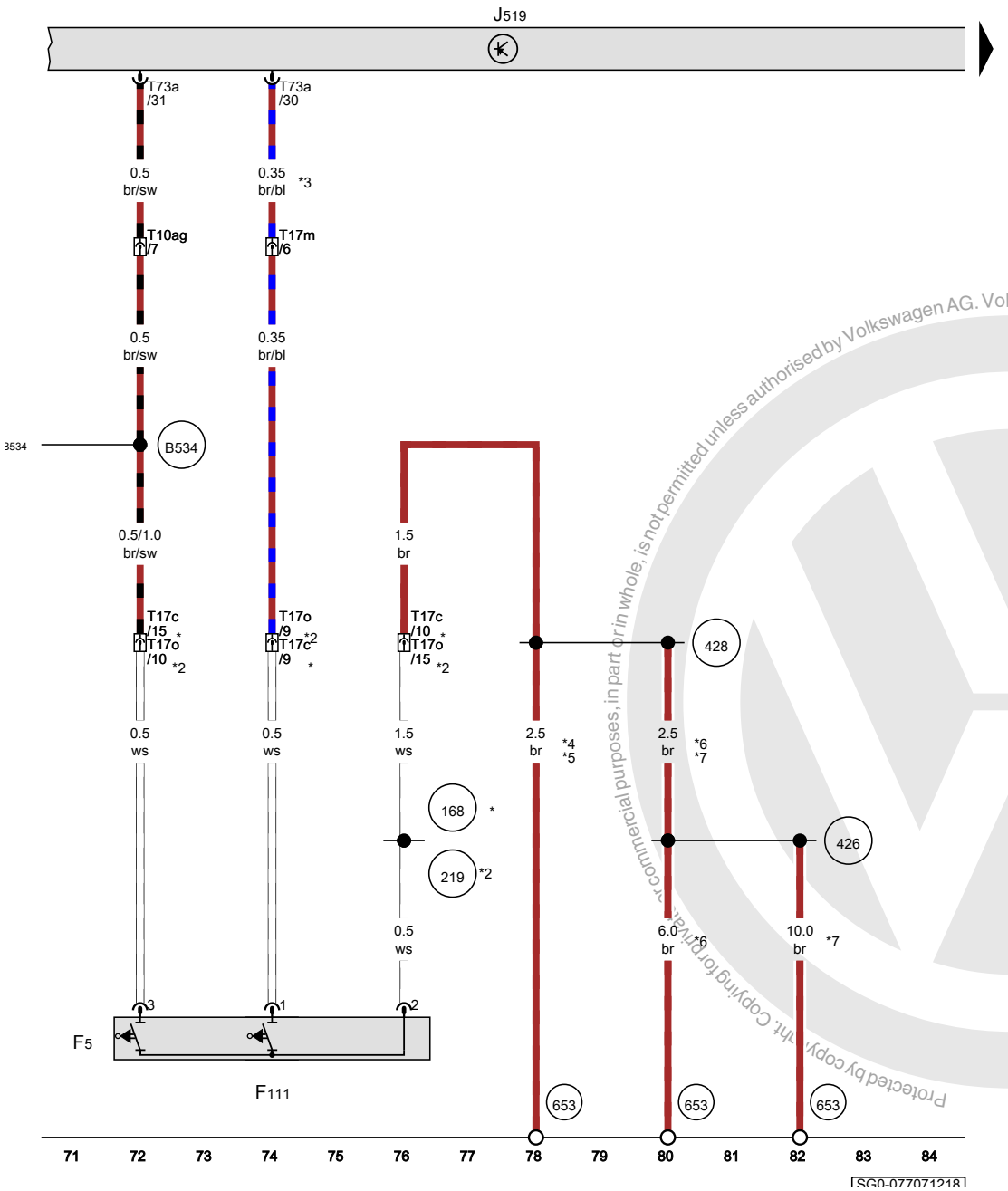

Luggage compartment light switch, Rear lid contact switch, Onboard supply control unit

F5	Luggage compartment light switch, in rear lid
F111	Rear lid contact switch
J519	Onboard supply control unit
T10ag	10-pin connector, brown, in left A-pillar coupling station
T17c	17-pin connector, black, behind left D-pillar trim
T17m	17-pin connector, red, in left A-pillar coupling station
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
T73a	73-pin connector, black
168	Earth connection, in rear left wing door wiring harness
219	Earth connection 2, in rear lid wiring harness
426	Earth connection 3, in left rear end wiring harness
428	Earth connection 4, in left rear end wiring harness
653	Earth point, on left D-pillar
B534	Connection 1 (luggage compartment switch), in roof wiring harness
*	For models with wing doors
*2	For models with rear lid
*3	For models with no electric sliding doors/power latching system
*4	For models with no towing bracket
*5	For models with no heated rear window
*6	For models with trailer socket or heated rear window
*7	For models with trailer socket and heated rear window

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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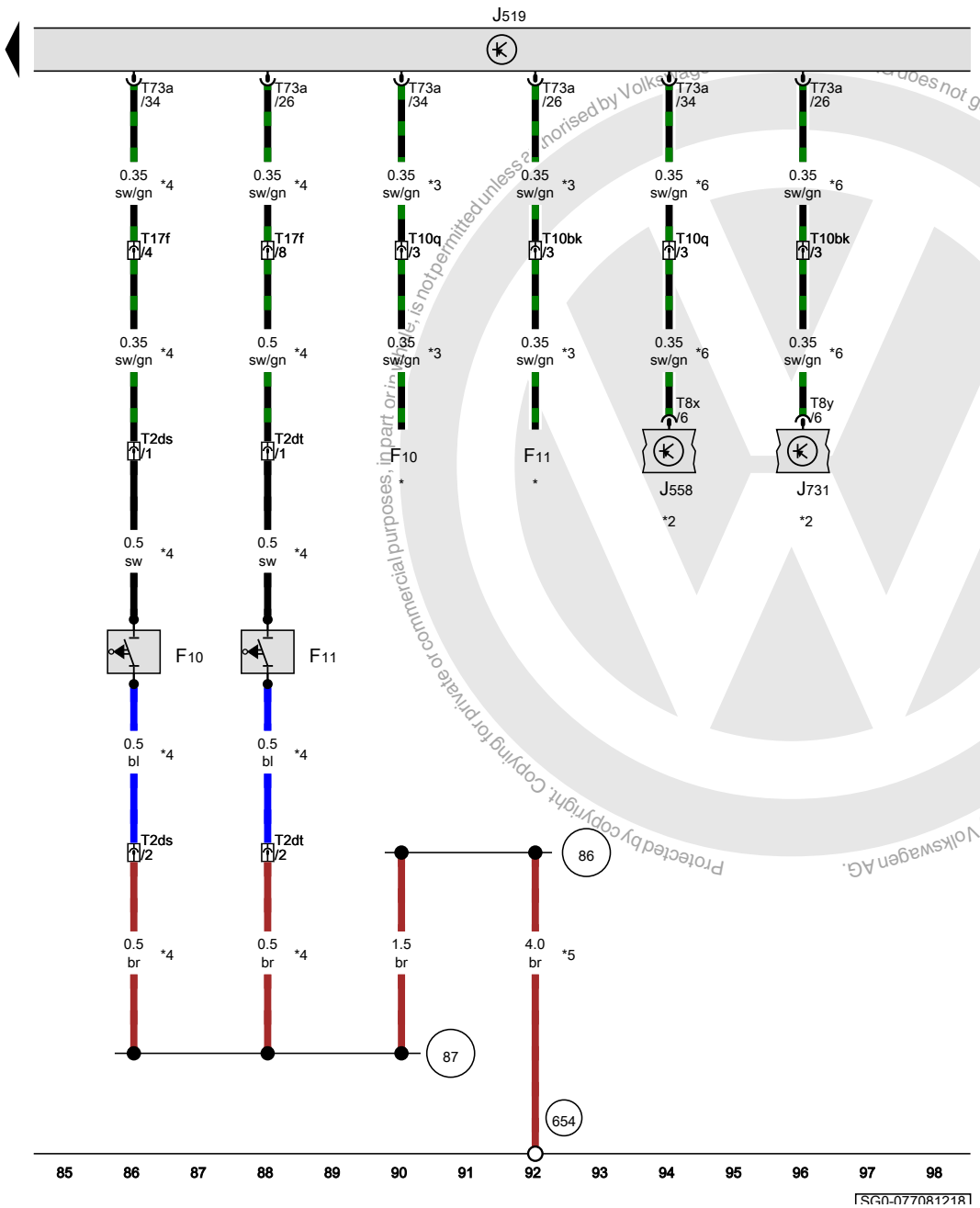

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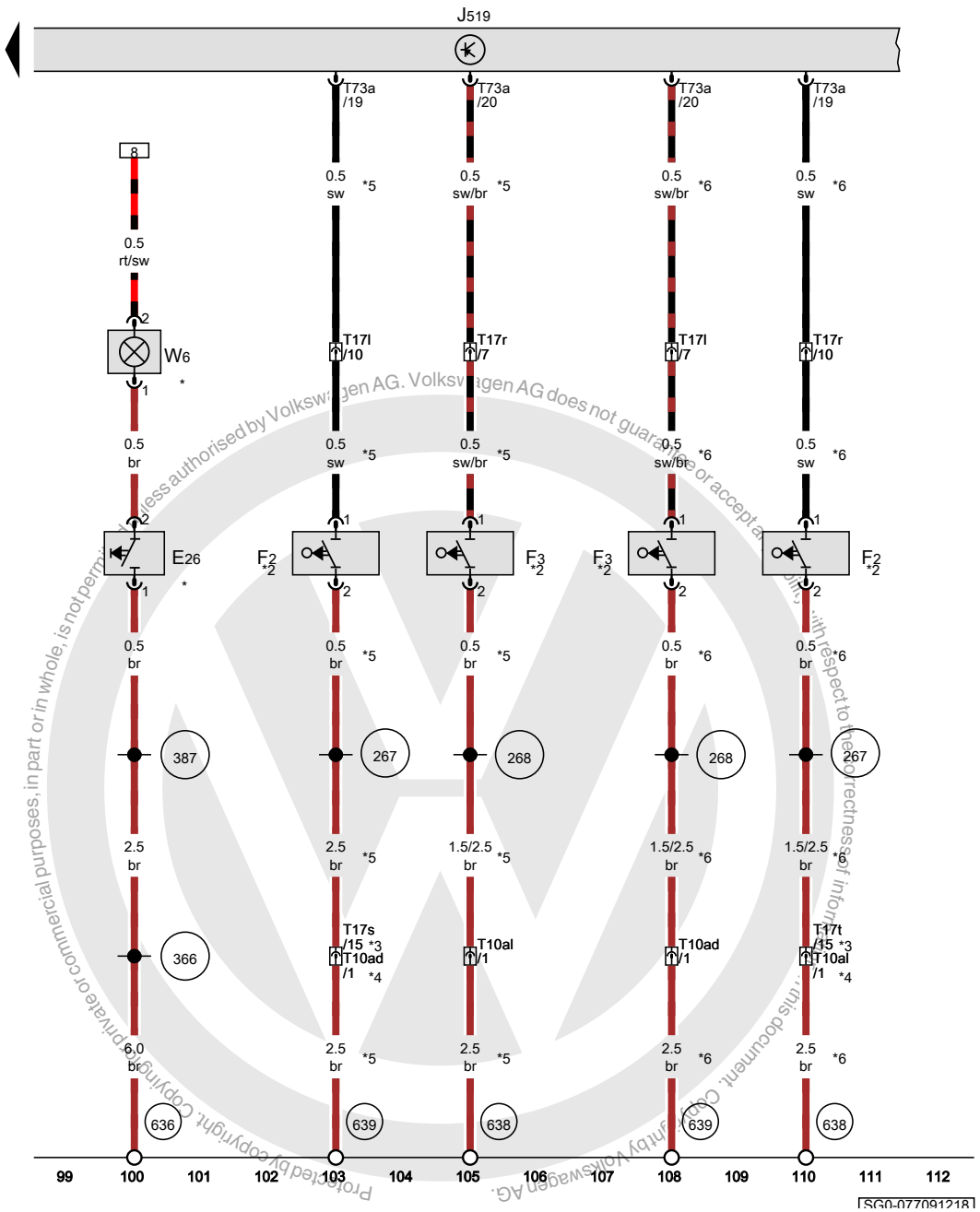
Onboard supply control unit, Left sliding door control unit, Right sliding door control unit

F10	Rear left door contact switch
F11	Rear right door contact switch
J519	Onboard supply control unit
J558	Left sliding door control unit
J731	Right sliding door control unit
T2ds	2-pin connector, black, on left C-pillar
T2dt	2-pin connector, black, on right C-pillar
T8x	8-pin connector, black
T8y	8-pin connector, black
T10bk	10-pin connector, grey, under seat on front right
T10q	10-pin connector, green, under seat on front left
T17f	17-pin connector, brown, under seat on front left
T73a	73-pin connector, black
86	Earth connection 1, in rear wiring harness
87	Earth connection 2, in rear wiring harness
654	Earth point, on right D-pillar
*	see applicable current flow diagram for convenience system
*2	For models with no electric sliding doors
*3	For models with manual sliding door and anti-theft alarm system
*4	For models with manual sliding door and with no anti-theft alarm system/electric sliding door/power latching system
*5	Cross-section 6.0 possible
*6	For models with power latching system and with no electric sliding door

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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Glove compartment light switch, Driver door contact switch, Front passenger door contact switch, Onboard supply control unit, Glove compartment light

E26	Glove compartment light switch
F2	Driver door contact switch
F3	Front passenger door contact switch
J519	Onboard supply control unit
T10ad	10-pin connector, red, on left A-pillar
T10al	10-pin connector, red, on right A-pillar
T17l	17-pin connector, black, on left A-pillar
T17r	17-pin connector, black, on right A-pillar
T17s	17-pin connector, red, on left A-pillar
T17t	17-pin connector, red, on right A-pillar
T73a	73-pin connector, black
W6	Glove compartment light
267	Earth connection 2, in drive side door wiring harness
268	Earth connection 2, in front passenger side door wiring harness
366	Earth connection 1, in main wiring harness
387	Earth connection 22, in main wiring harness
636	Earth point, onboard supply control unit
638	Earth point, on right A-pillar
639	Earth point, left A-pillar
*	According to equipment
*2	For models with no central locking
*3	From January 2016
*4	Up to January 2016
*5	For left-hand drive models
*6	For right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Interior lighting, panel van or Kombi models with roof console in headlining , (A8E),(A8L),(A8M),(A8Q),(A8R),(A8Z),(A9K),(A9W)

From June 2015

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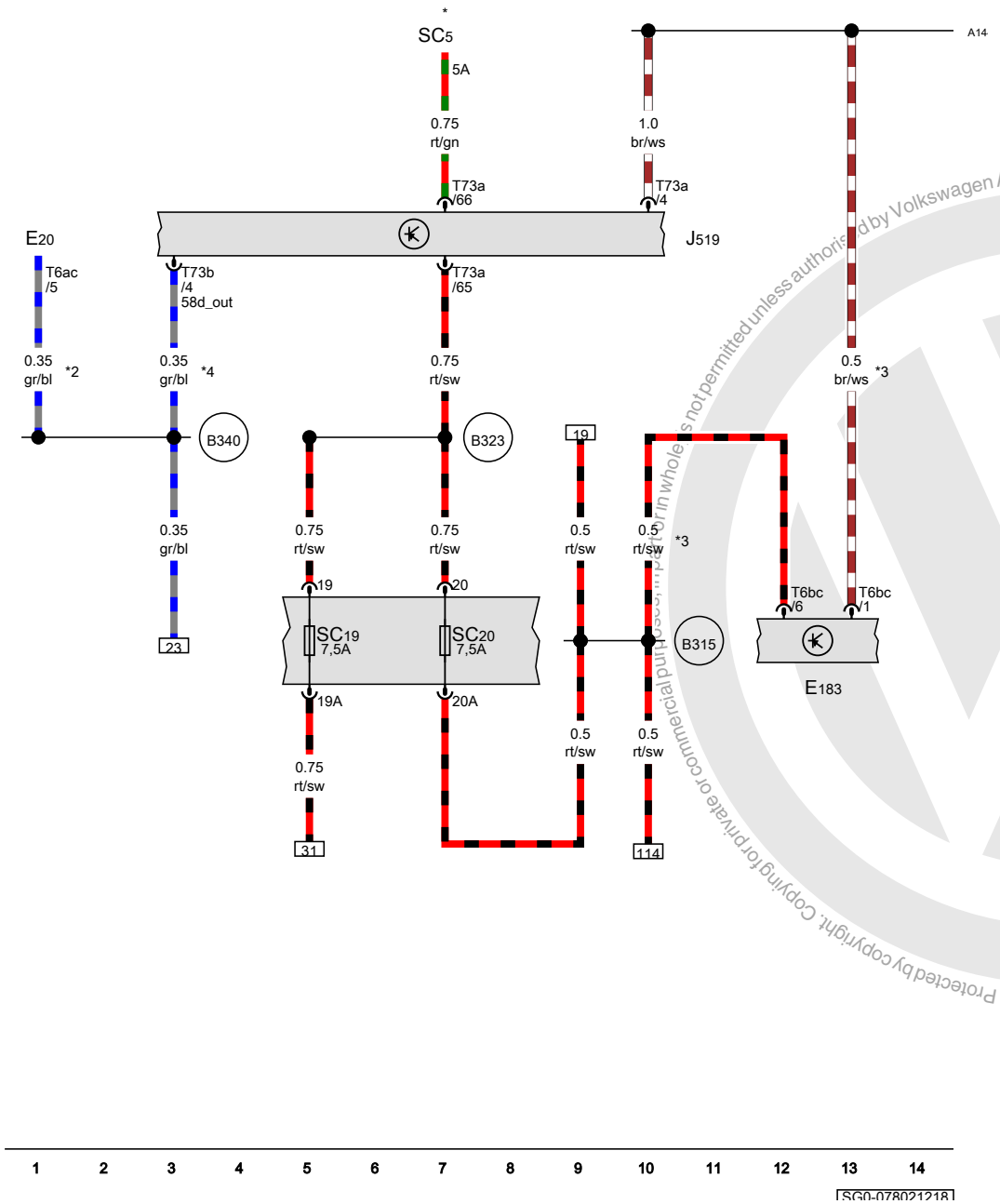
Switch and instrument illumination regulator, Onboard supply control unit, Fuse 5 on fuse holder C, Fuse 20 on fuse holder C



E20	Switch and instrument illumination regulator
E183	Interior monitoring switch
J519	Onboard supply control unit
SC5	Fuse 5 on fuse holder C
SC19	Fuse 19 on fuse holder C
SC20	Fuse 20 on fuse holder C
T6ac	6-pin connector, black
T6bc	6-pin connector, blue
T73a	73-pin connector, black
T73b	73-pin connector, white
A144	Connection (interior monitoring) in dash panel wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B323	Positive connection 9 (30a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with dimmable instrument illumination
*3	For models with interior monitoring deactivation switch
*4	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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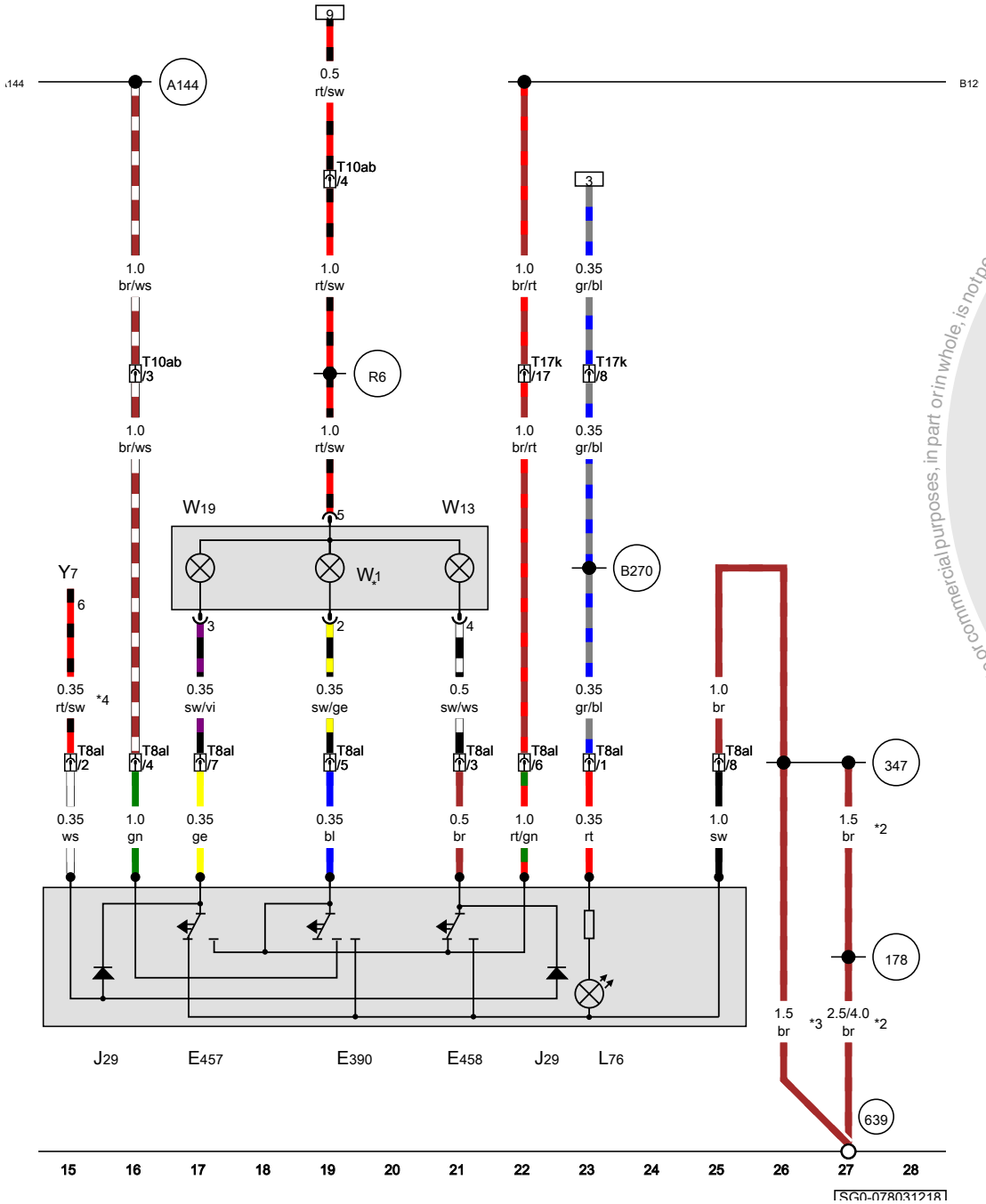

Interior lighting central switch button, Front interior light, Automatic anti-dazzle interior mirror

E390	Interior lighting central switch button
E457	Driver side reading light button
E458	Front passenger side reading light button
J29	Blocking diode
L76	Button illumination bulb
T8al	8-pin connector, black, near front interior light
T10ab	10-pin connector, white, in left A-pillar coupling station
T17k	17-pin connector, green, in left A-pillar coupling station
W1	Front interior light
W13	Front passenger reading light
W19	Driver side reading light
Y7	Automatic anti-dazzle interior mirror
178	Earth connection, in sliding sunroof wiring harness
347	Earth connection, in roof wiring harness
639	Earth point, left A-pillar
A144	Connection (interior monitoring) in dash panel wiring harness
B129	Connection (interior light, 31l), in interior wiring harness
B270	Connection (58s), in roof wiring harness
R6	Positive connection 1, in interior light wiring harness
*	According to equipment
*2	For models with sliding/tilting sunroof
*3	For models with no sliding/tilting sunroof
*4	For models with automatic anti-dazzle interior mirror

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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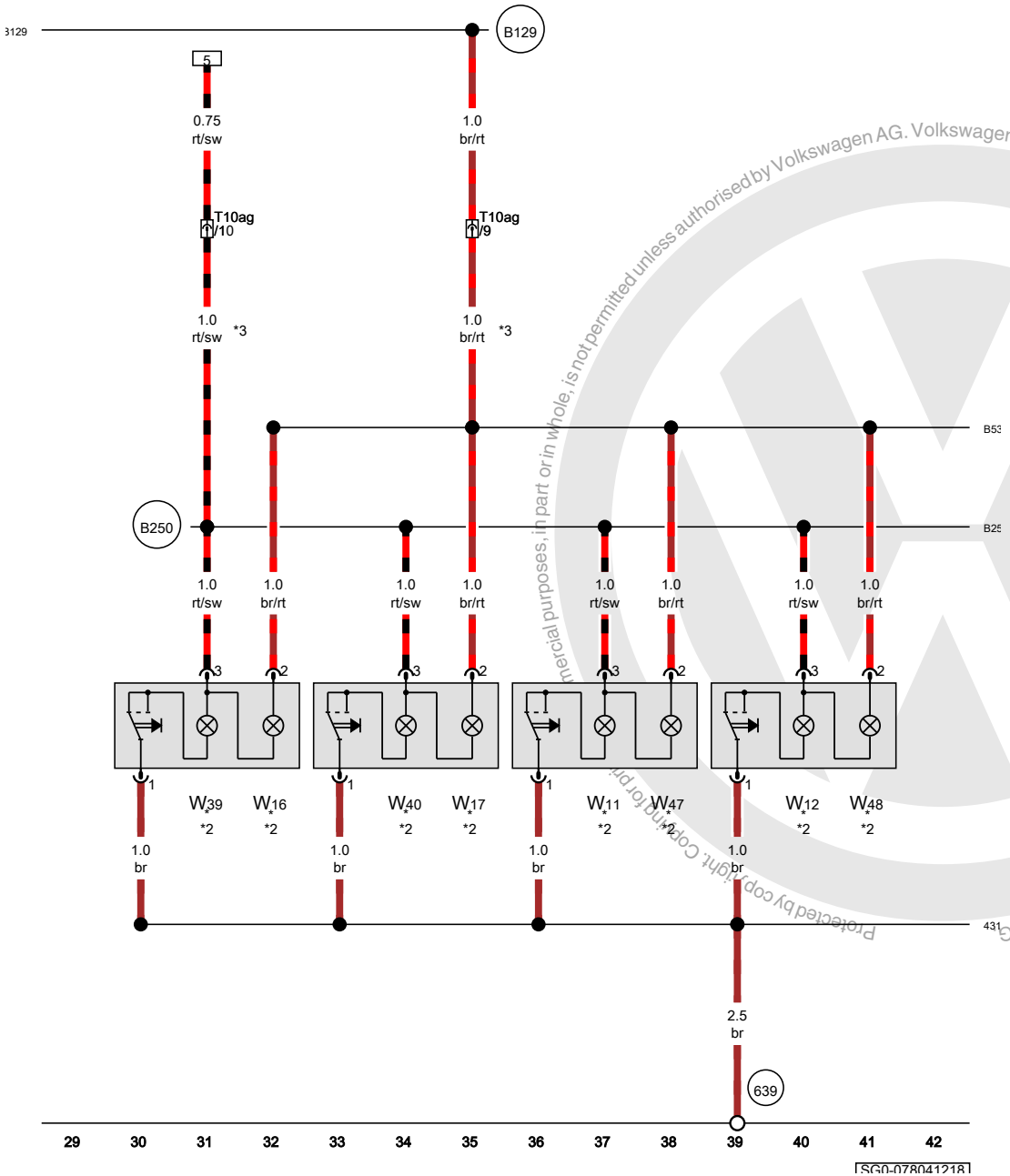
Left interior light, Right interior light, Rear left interior light, Rear right interior light



T10ag	10-pin connector, brown, in left A-pillar coupling station
W11	Rear left reading light
W12	Rear right reading light
W16	Left interior light
W17	Right interior light
W39	Left centre reading light
W40	Right centre reading light
W47	Rear left interior light
W48	Rear right interior light
431	Earth connection 2, in roof wiring harness
639	Earth point, left A-pillar
B129	Connection (interior light, 31l), in interior wiring harness
B250	Positive connection, in roof wiring harness
B533	Connection 1 (DCt), in roof wiring harness
*	According to equipment
*2	Also as LED version
*3	Not for Camper

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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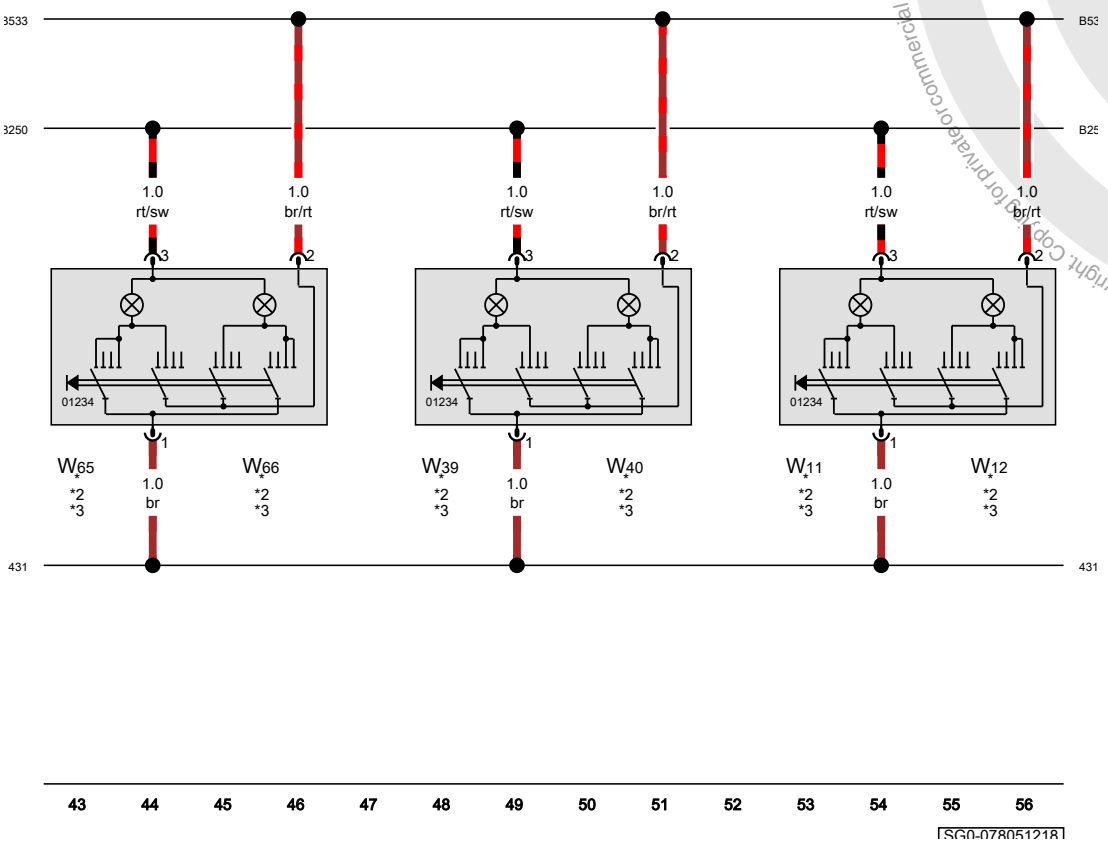
Rear left reading light, Rear right reading light, Left centre reading light, Right centre reading light, Front left reading light, Front right reading light

W11	Rear left reading light
W12	Rear right reading light
W39	Left centre reading light
W40	Right centre reading light
W65	Front left reading light
W66	Front right reading light
431	Earth connection 2, in roof wiring harness
B250	Positive connection, in roof wiring harness
B533	Connection 1 (DCt), in roof wiring harness
*	For Kombi models
*2	According to equipment
*3	Also as LED version



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ge	=	yellow
or	=	orange
rs	=	pink

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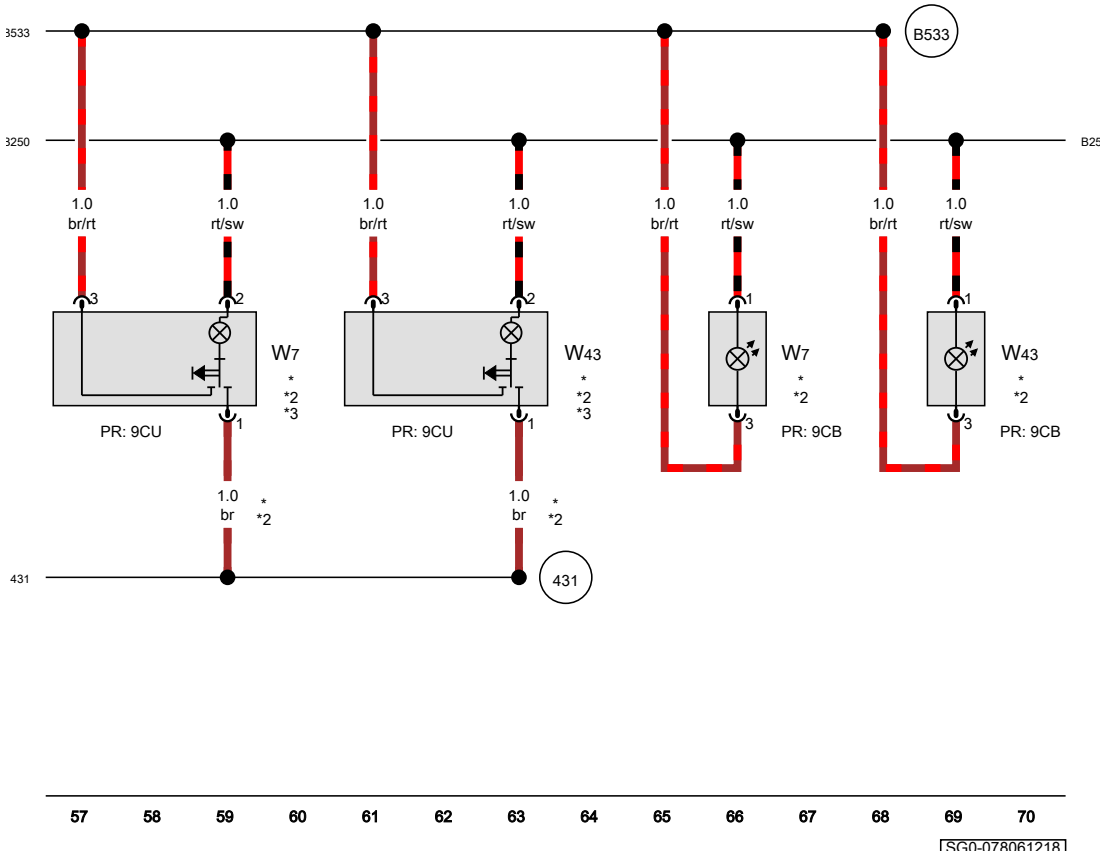
Centre interior light, Rear interior light

W7	Centre interior light
W43	Rear interior light
431	Earth connection 2, in roof wiring harness
B250	Positive connection, in roof wiring harness
B533	Connection 1 (DCt), in roof wiring harness
*	According to equipment
*2	For panel van and Kombi models
*3	Also as LED version



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sw	=	black
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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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ge	=	yellow
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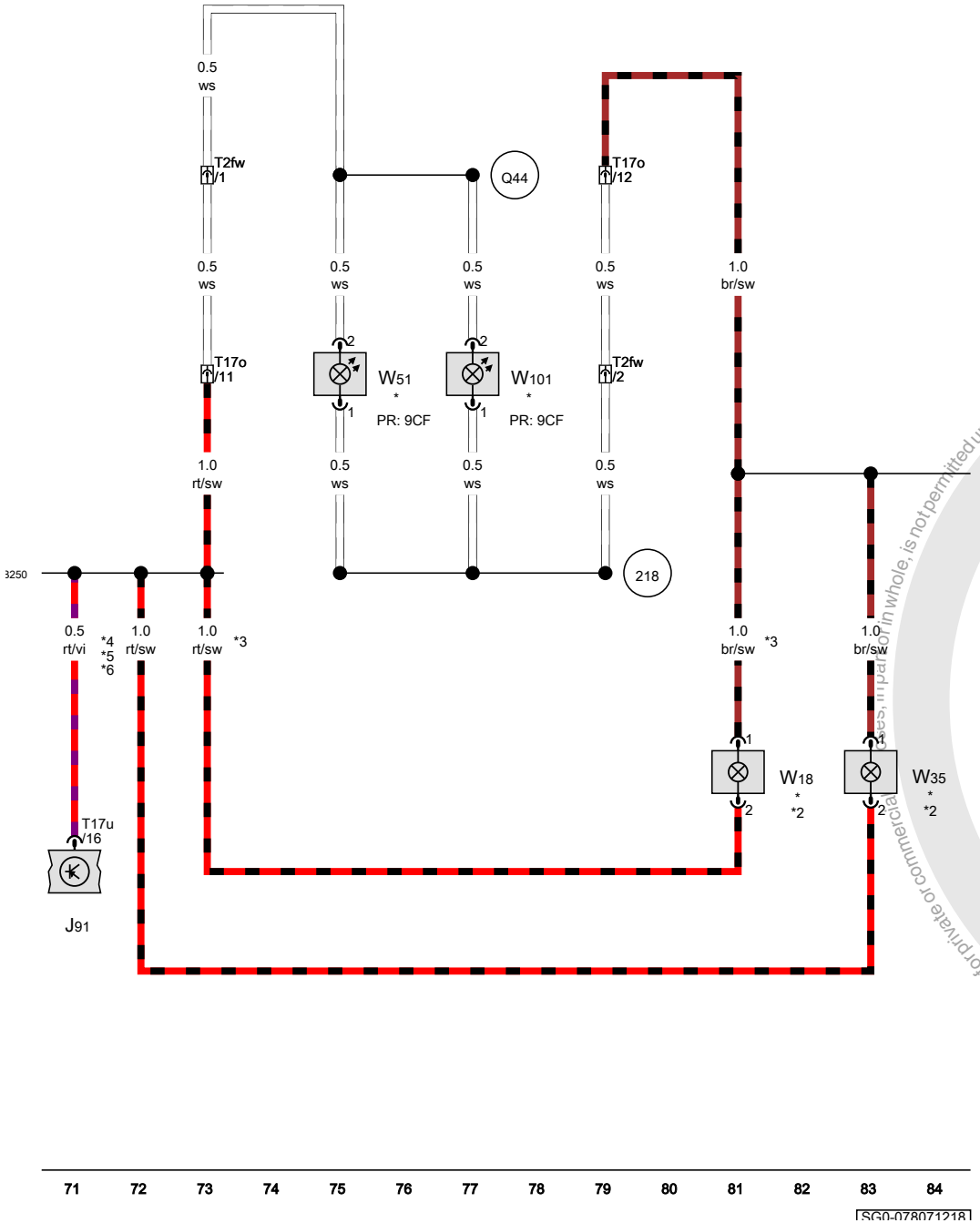
Reading light relay, Left luggage compartment light, Right luggage compartment light, Rear lid light, Rear lid light 2



J91	Reading light relay
T2fw	2-pin connector, black, in rear lid
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
T17u	17-pin connector, black
W18	Left luggage compartment light
W35	Right luggage compartment light
W51	Rear lid light
W101	Rear lid light 2
218	Earth connection 1, in rear lid wiring harness
B250	Positive connection, in roof wiring harness
B534	Connection 1 (luggage compartment switch), in roof wiring harness
Q44	Connection 2, in rear lid wiring harness
*	According to equipment
*2	Also as LED version
*3	Not for Camper
*4	For Camper, not for Camper Beach
*5	For models with background lighting
*6	From June 2017

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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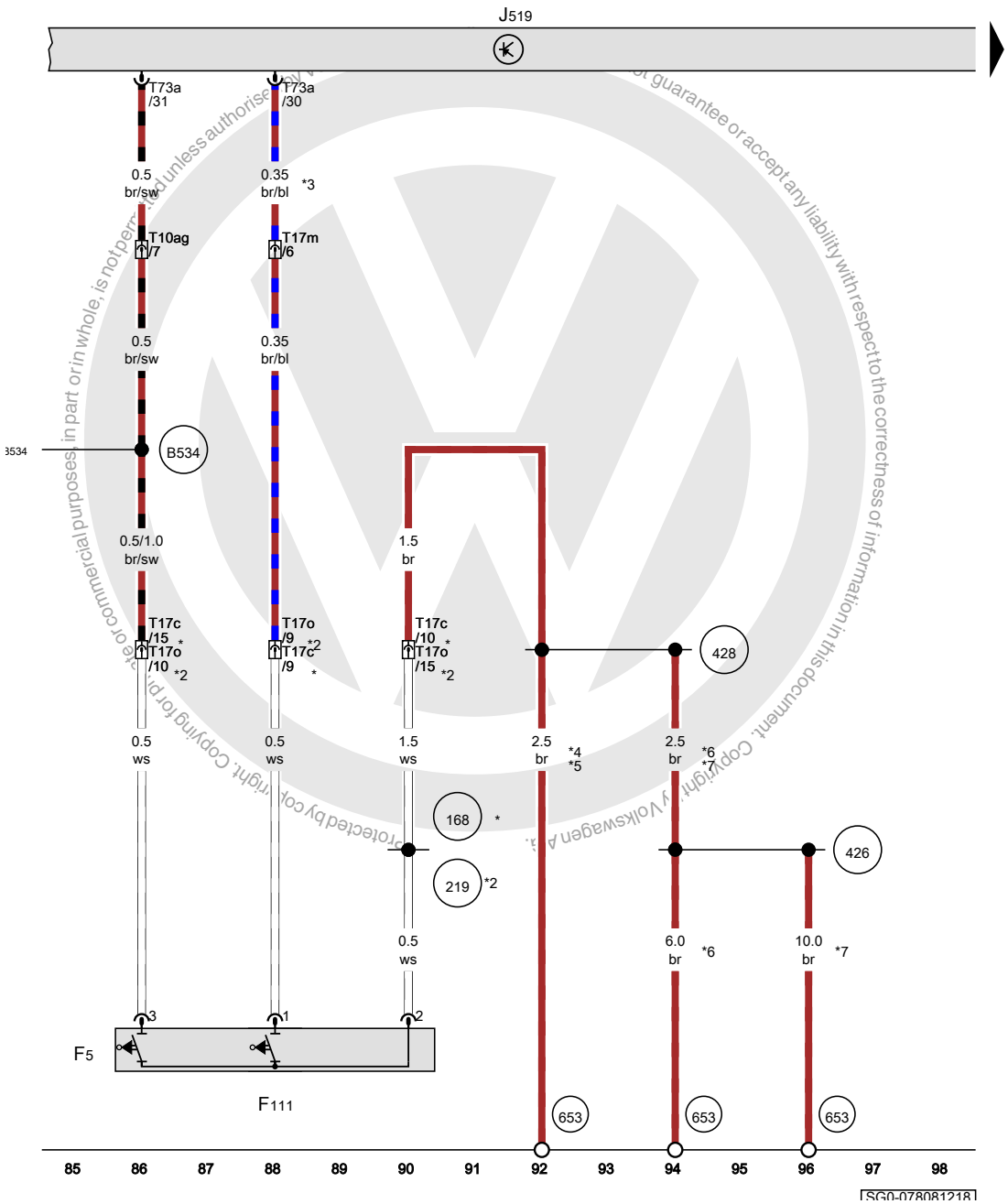

Luggage compartment light switch, Rear lid contact switch, Onboard supply control unit

F5	Luggage compartment light switch, in rear lid
F111	Rear lid contact switch
J519	Onboard supply control unit
T10ag	10-pin connector, brown, in left A-pillar coupling station
T17c	17-pin connector, black, behind left D-pillar trim
T17m	17-pin connector, red, in left A-pillar coupling station
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
T73a	73-pin connector, black
168	Earth connection, in rear left wing door wiring harness
219	Earth connection 2, in rear lid wiring harness
426	Earth connection 3, in left rear end wiring harness
428	Earth connection 4, in left rear end wiring harness
653	Earth point, on left D-pillar
B534	Connection 1 (luggage compartment switch), in roof wiring harness
*	For models with wing doors
*2	For models with rear lid
*3	For models with no electric sliding doors/power latching system
*4	For models with no towing bracket
*5	For models with no heated rear window
*6	For models with trailer socket or heated rear window
*7	For models with trailer socket and heated rear window

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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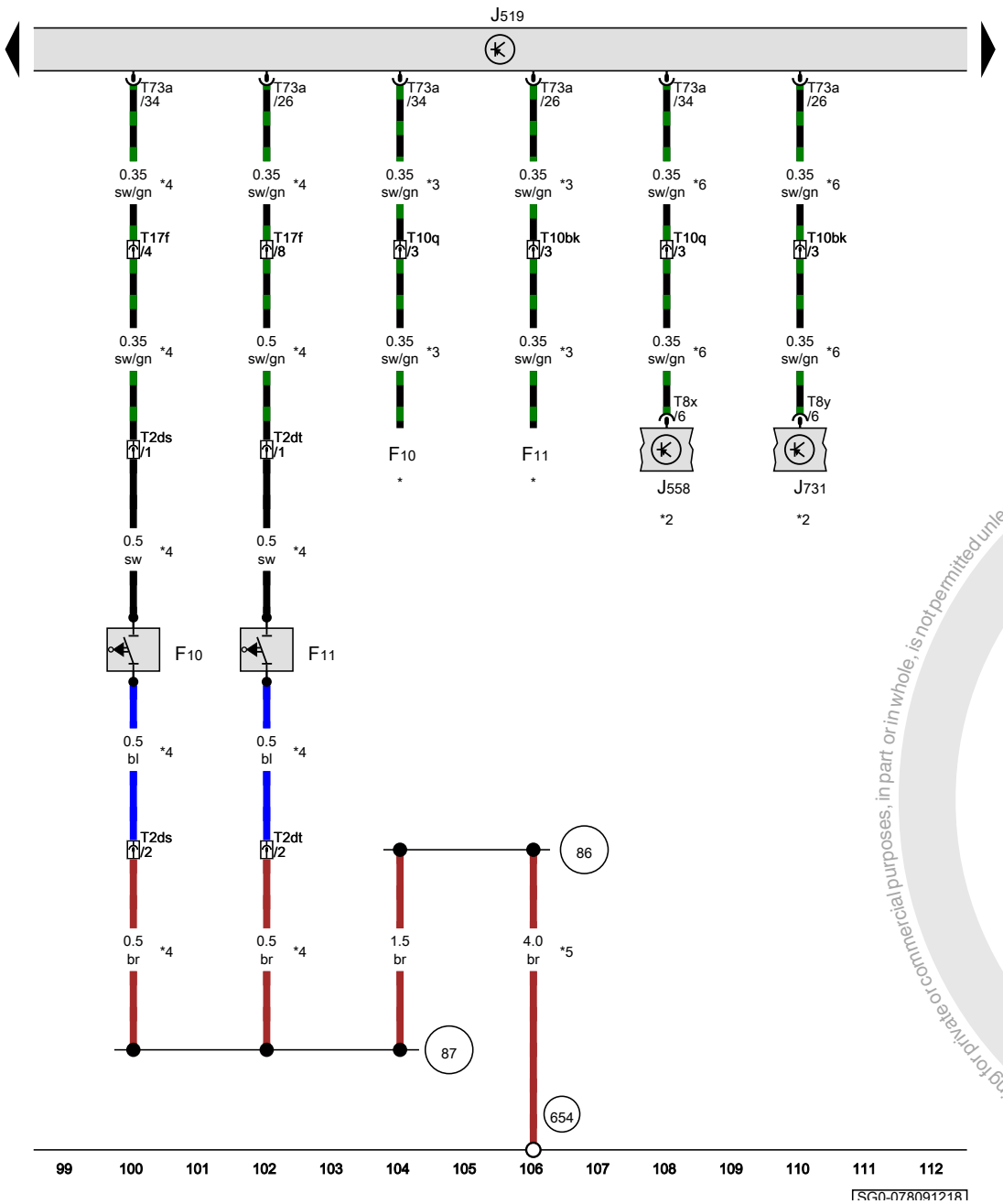

Onboard supply control unit, Left sliding door control unit, Right sliding door control unit

F10	Rear left door contact switch
F11	Rear right door contact switch
J519	Onboard supply control unit
J558	Left sliding door control unit
J731	Right sliding door control unit
T2ds	2-pin connector, black, on left C-pillar
T2dt	2-pin connector, black, on right C-pillar
T8x	8-pin connector, black
T8y	8-pin connector, black
T10bk	10-pin connector, grey, under seat on front right
T10q	10-pin connector, green, under seat on front left
T17f	17-pin connector, brown, under seat on front left
T73a	73-pin connector, black
86	Earth connection 1, in rear wiring harness
87	Earth connection 2, in rear wiring harness
654	Earth point, on right D-pillar
*	see applicable current flow diagram for convenience system
*2	For models with no electric sliding doors
*3	For models with manual sliding door and anti-theft alarm system
*4	For models with manual sliding door and with no anti-theft alarm system/electric sliding door/power latching system
*5	Cross-section 6.0 possible
*6	For models with power latching system and with no electric sliding door

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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rs	=	pink

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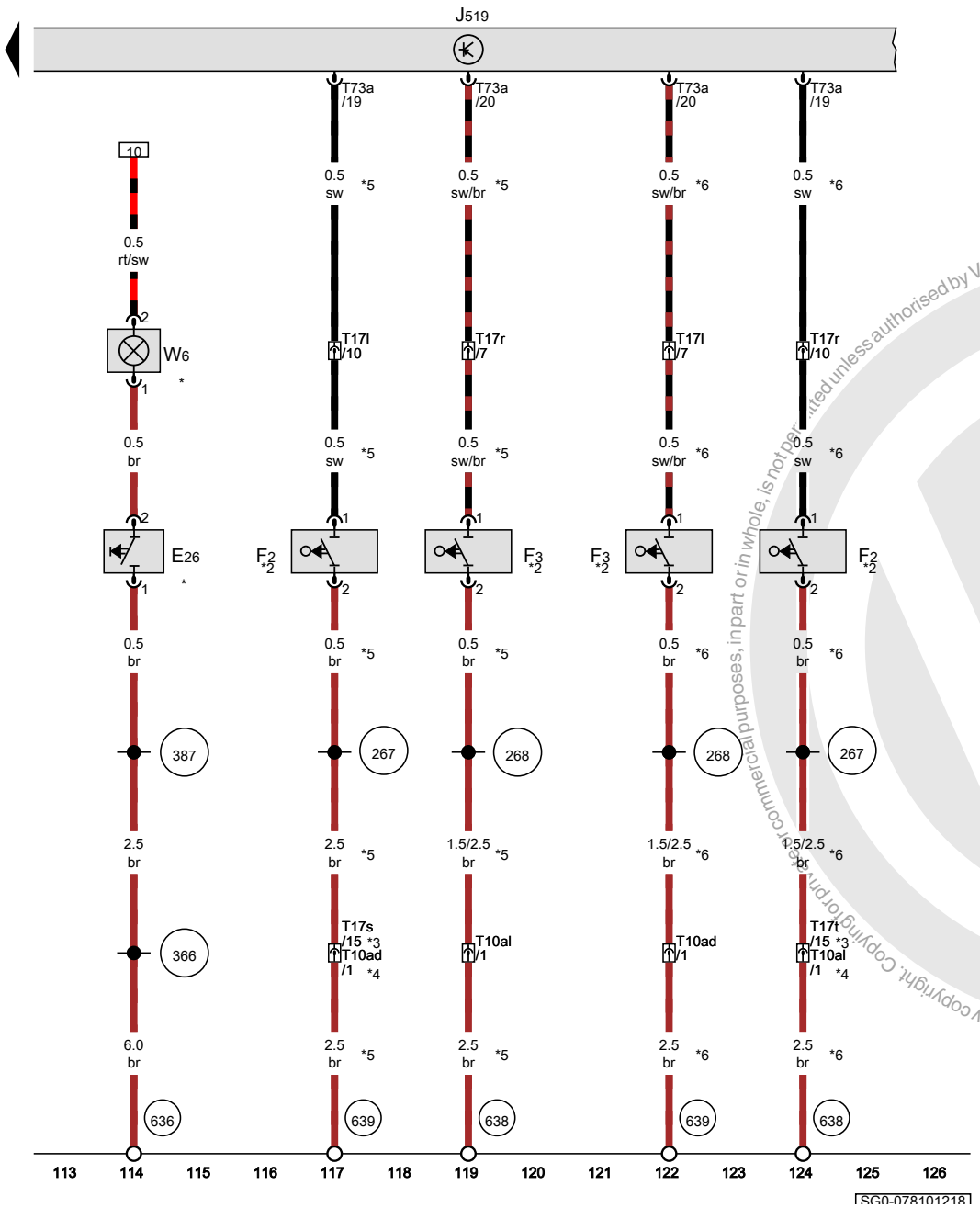

Glove compartment light switch, Driver door contact switch, Front passenger door contact switch, Onboard supply control unit, Glove compartment light

E26	Glove compartment light switch
F2	Driver door contact switch
F3	Front passenger door contact switch
J519	Onboard supply control unit
T10ad	10-pin connector, red, on left A-pillar
T10al	10-pin connector, red, on right A-pillar
T17l	17-pin connector, black, on left A-pillar
T17r	17-pin connector, black, on right A-pillar
T17s	17-pin connector, red, on left A-pillar
T17t	17-pin connector, red, on right A-pillar
T73a	73-pin connector, black
W6	Glove compartment light
267	Earth connection 2, in drive side door wiring harness
268	Earth connection 2, in front passenger side door wiring harness
366	Earth connection 1, in main wiring harness
387	Earth connection 22, in main wiring harness
636	Earth point, onboard supply control unit
638	Earth point, on right A-pillar
639	Earth point, left A-pillar
*	According to equipment
*2	For models with no central locking
*3	From January 2016
*4	Up to January 2016
*5	For left-hand drive models
*6	For right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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Interior lighting, panel van or Kombi models with no roof console in headliner , (A9K),(KH2),(KH3),(9AH)

From June 2015

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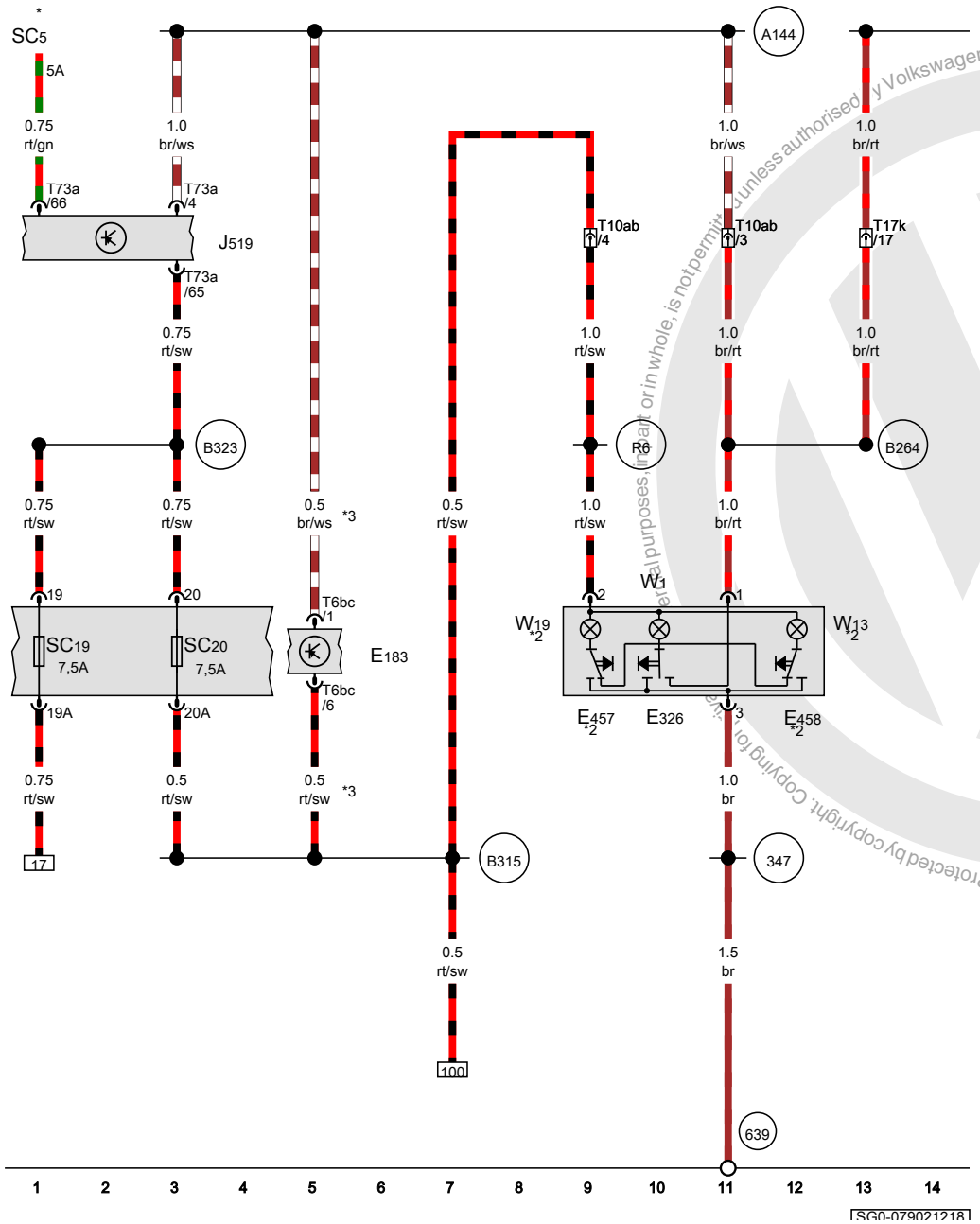
Interior monitoring switch, Onboard supply control unit, Fuse 5 on fuse holder C, Fuse 20 on fuse holder C, Front interior light



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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

E183	Interior monitoring switch
E326	Front interior light button
E457	Driver side reading light button
E458	Front passenger side reading light button
J519	Onboard supply control unit
SC5	Fuse 5 on fuse holder C
SC19	Fuse 19 on fuse holder C
SC20	Fuse 20 on fuse holder C
T6bc	6-pin connector, blue
T10ab	10-pin connector, white, in left A-pillar coupling station
T17k	17-pin connector, green, in left A-pillar coupling station
T73a	73-pin connector, black
W1	Front interior light
W13	Front passenger reading light
W19	Driver side reading light
347	Earth connection, in roof wiring harness
639	Earth point, left A-pillar
A144	Connection (interior monitoring) in dash panel wiring harness
B129	Connection (interior light, 31l), in interior wiring harness
B264	Connection 1, in roof wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B323	Positive connection 9 (30a) in main wiring harness
R6	Positive connection 1, in interior light wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment
*3	For models with interior monitoring deactivation switch

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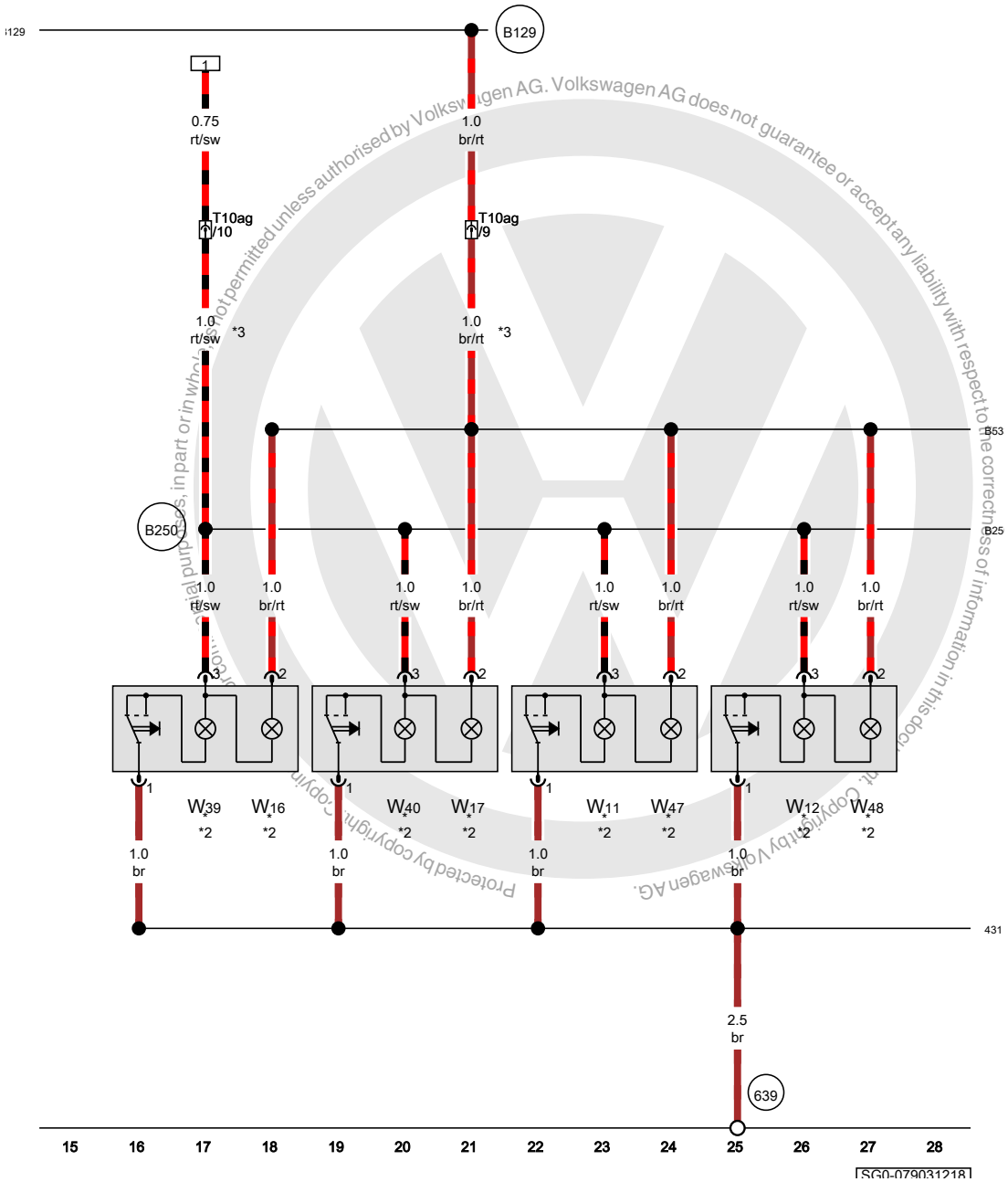

Left interior light, Right interior light, Rear left interior light, Rear right interior light

T10ag	10-pin connector, brown, in left A-pillar coupling station
W11	Rear left reading light
W12	Rear right reading light
W16	Left interior light
W17	Right interior light
W39	Left centre reading light
W40	Right centre reading light
W47	Rear left interior light
W48	Rear right interior light
431	Earth connection 2, in roof wiring harness
639	Earth point, left A-pillar
B129	Connection (interior light, 31l), in interior wiring harness
B250	Positive connection, in roof wiring harness
B533	Connection 1 (DCt), in roof wiring harness
*	According to equipment
*2	Also as LED version
*3	Not for Camper

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
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ge	=	yellow
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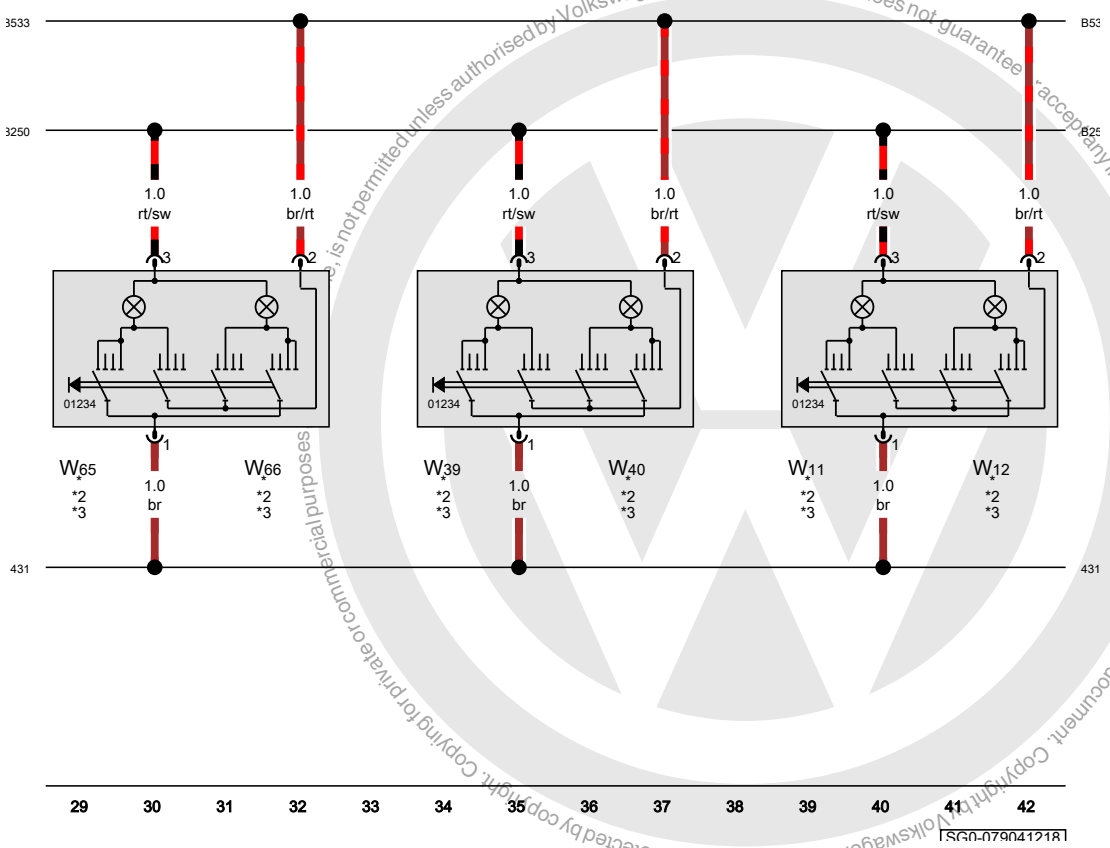
Rear left reading light, Rear right reading light, Left centre reading light, Right centre reading light, Front left reading light, Front right reading light

W11	Rear left reading light
W12	Rear right reading light
W39	Left centre reading light
W40	Right centre reading light
W65	Front left reading light
W66	Front right reading light
431	Earth connection 2, in roof wiring harness
B250	Positive connection, in roof wiring harness
B533	Connection 1 (DCt), in roof wiring harness
*	For Kombi models
*2	According to equipment
*3	Also as LED version



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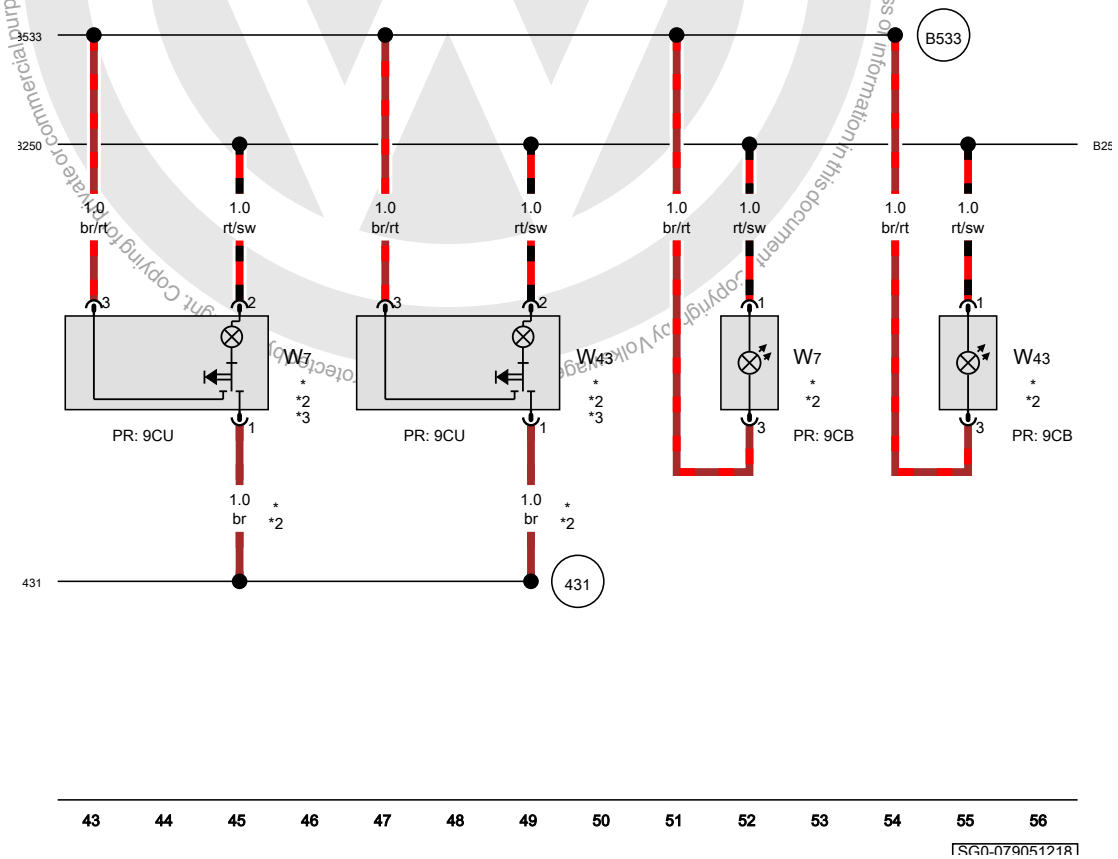
Centre interior light, Rear interior light

W7	Centre interior light
W43	Rear interior light
431	Earth connection 2, in roof wiring harness
B250	Positive connection, in roof wiring harness
B533	Connection 1 (DCt), in roof wiring harness
*	According to equipment
*2	For panel van and Kombi models
*3	Also as LED version



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sw	=	black
ro	=	red
rt	=	red
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gr	=	grey
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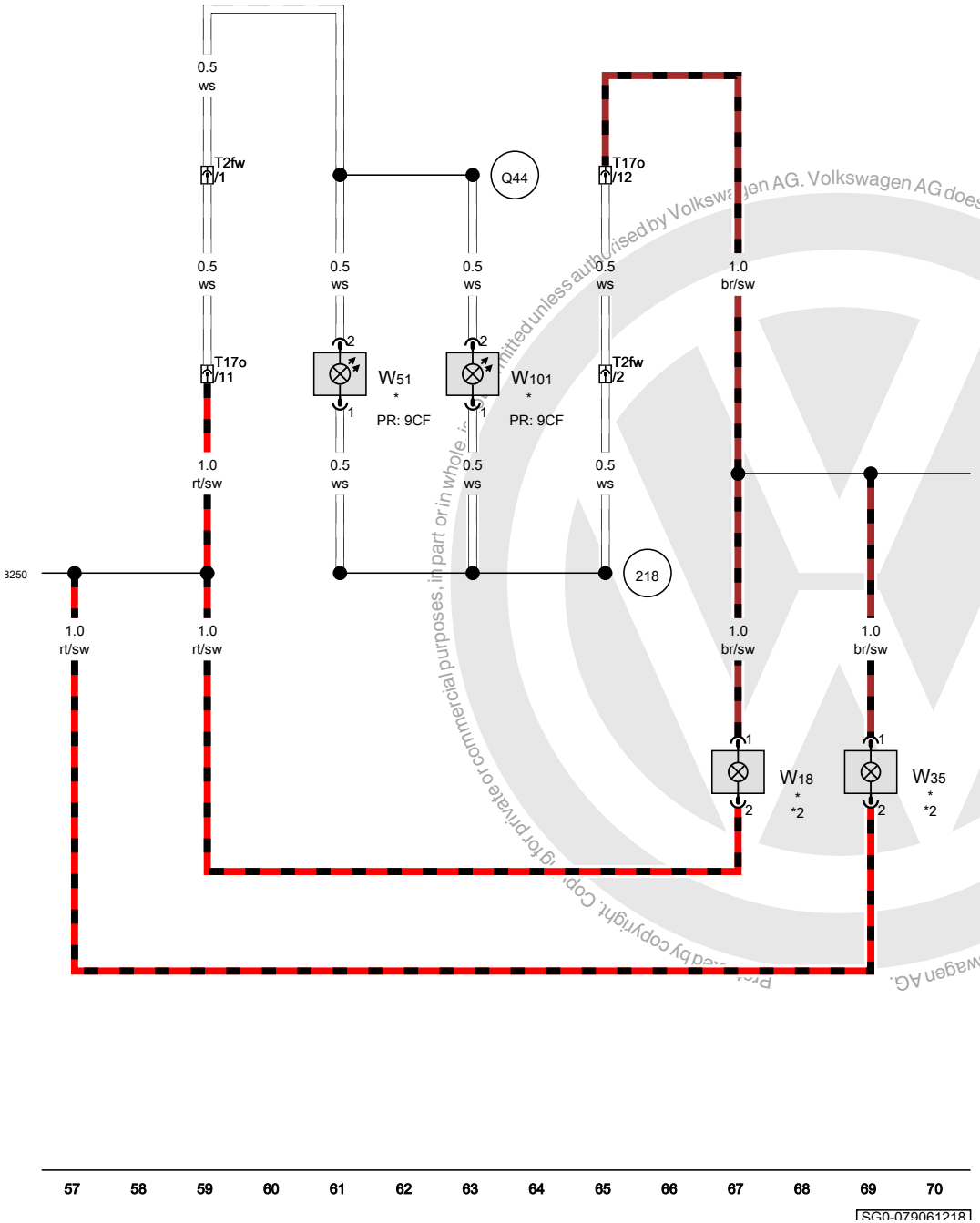
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Left luggage compartment light, Right luggage compartment light, Rear lid light, Rear lid light 2

T2fw	2-pin connector, black, in rear lid
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
W18	Left luggage compartment light
W35	Right luggage compartment light
W51	Rear lid light
W101	Rear lid light 2
218	Earth connection 1, in rear lid wiring harness
B250	Positive connection, in roof wiring harness
B534	Connection 1 (luggage compartment switch), in roof wiring harness
Q44	Connection 2, in rear lid wiring harness
*	According to equipment
*2	Also as LED version

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
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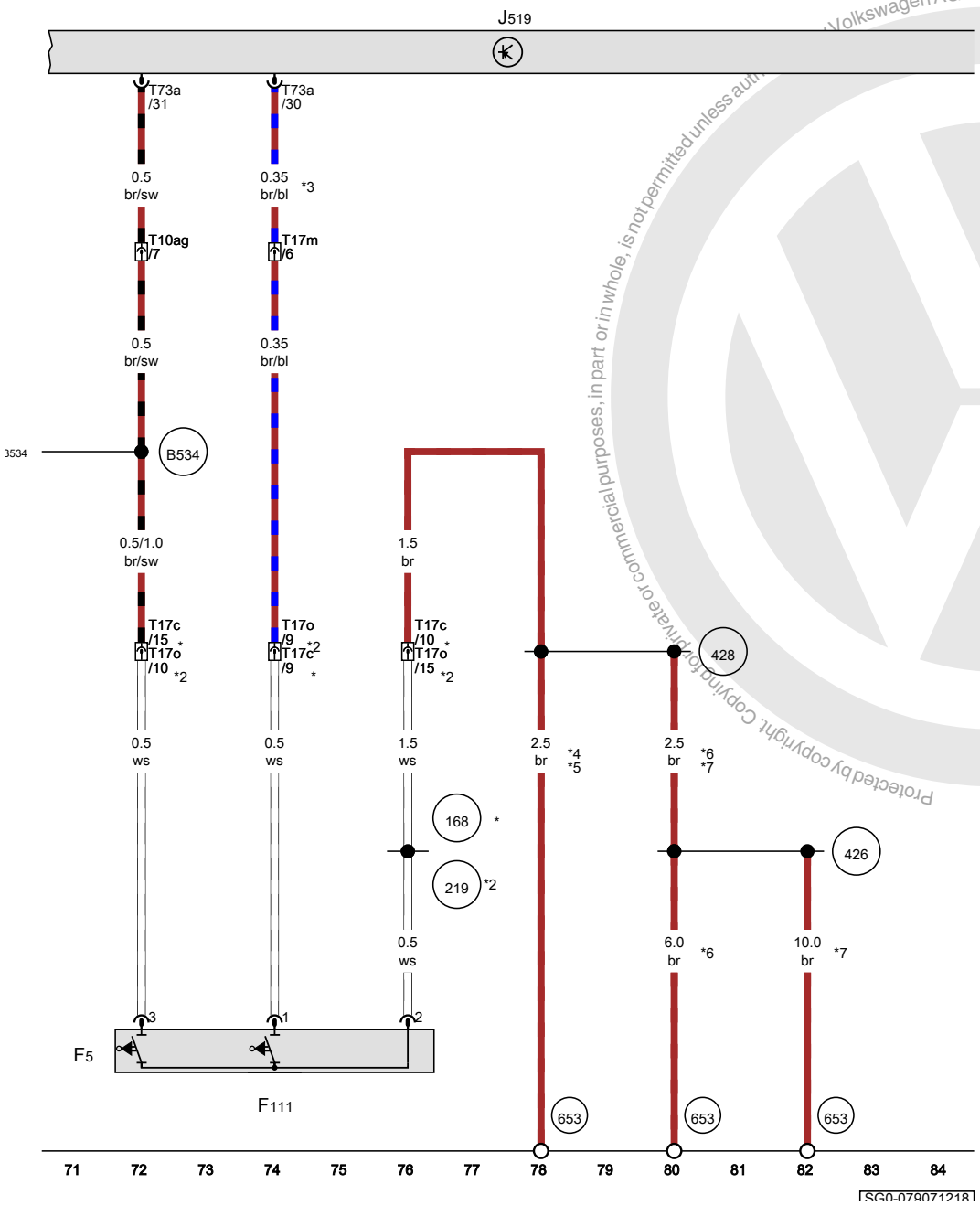

Luggage compartment light switch, Rear lid contact switch, Onboard supply control unit

F5	Luggage compartment light switch, in rear lid
F111	Rear lid contact switch
J519	Onboard supply control unit
T10ag	10-pin connector, brown, in left A-pillar coupling station
T17c	17-pin connector, black, behind left D-pillar trim
T17m	17-pin connector, red, in left A-pillar coupling station
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
T73a	73-pin connector, black
168	Earth connection, in rear left wing door wiring harness
219	Earth connection 2, in rear lid wiring harness
426	Earth connection 3, in left rear end wiring harness
428	Earth connection 4, in left rear end wiring harness
653	Earth point, on left D-pillar
B534	Connection 1 (luggage compartment switch), in roof wiring harness
*	For models with wing doors
*2	For models with rear lid
*3	For models with no electric sliding doors/power latching system
*4	For models with no towing bracket
*5	For models with no heated rear window
*6	For models with trailer socket or heated rear window
*7	For models with trailer socket and heated rear window

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
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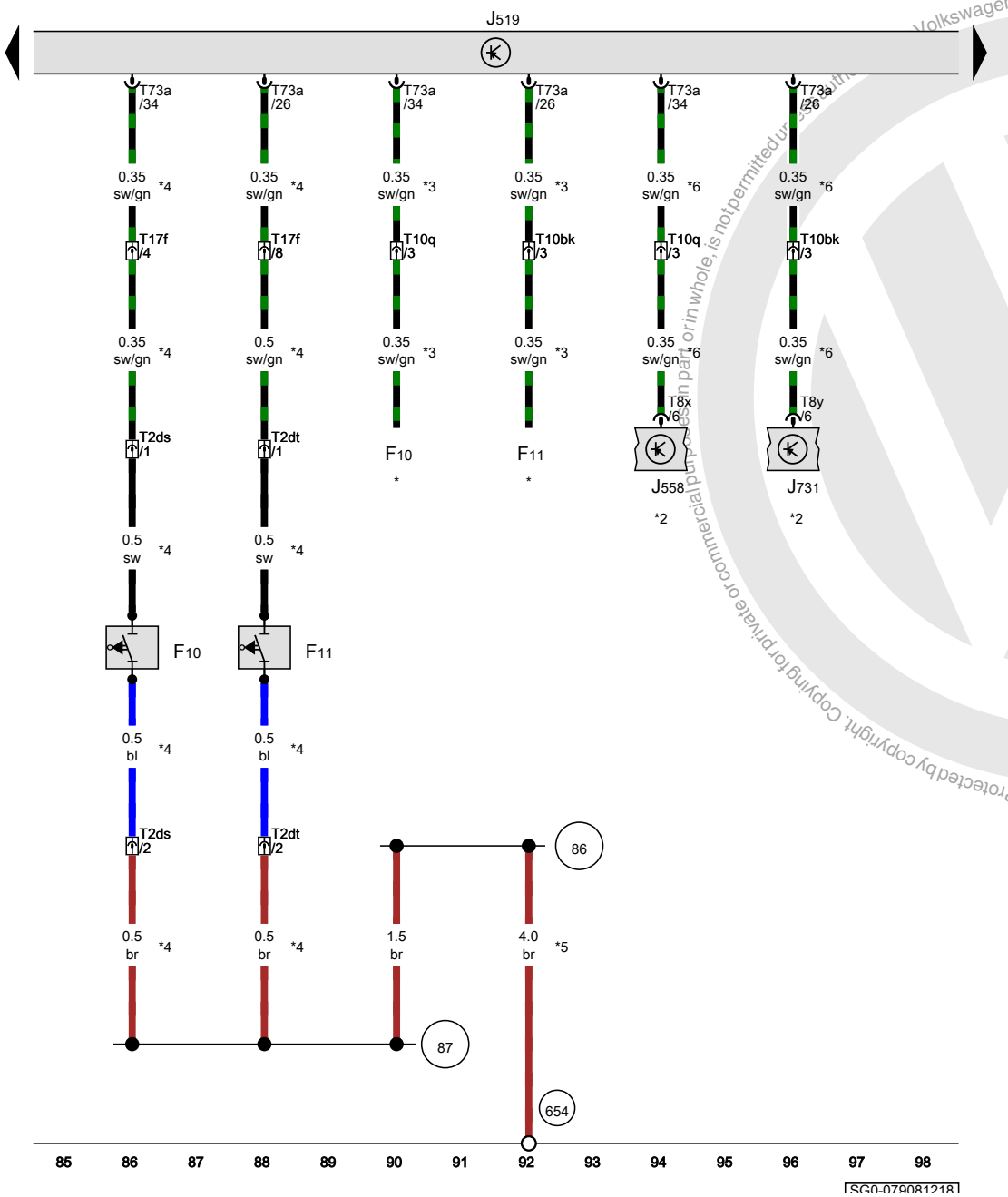

Onboard supply control unit, Left sliding door control unit, Right sliding door control unit

F10	Rear left door contact switch
F11	Rear right door contact switch
J519	Onboard supply control unit
J558	Left sliding door control unit
J731	Right sliding door control unit
T2ds	2-pin connector, black, on left C-pillar
T2dt	2-pin connector, black, on right C-pillar
T8x	8-pin connector, black
T8y	8-pin connector, black
T10bk	10-pin connector, grey, under seat on front right
T10q	10-pin connector, green, under seat on front left
T17f	17-pin connector, brown, under seat on front left
T73a	73-pin connector, black
86	Earth connection 1, in rear wiring harness
87	Earth connection 2, in rear wiring harness
654	Earth point, on right D-pillar
*	see applicable current flow diagram for convenience system
*2	For models with no electric sliding doors
*3	For models with manual sliding door and anti-theft alarm system
*4	For models with manual sliding door and with no anti-theft alarm system/electric sliding door/power latching system
*5	Cross-section 6.0 possible
*6	For models with power latching system and with no electric sliding door

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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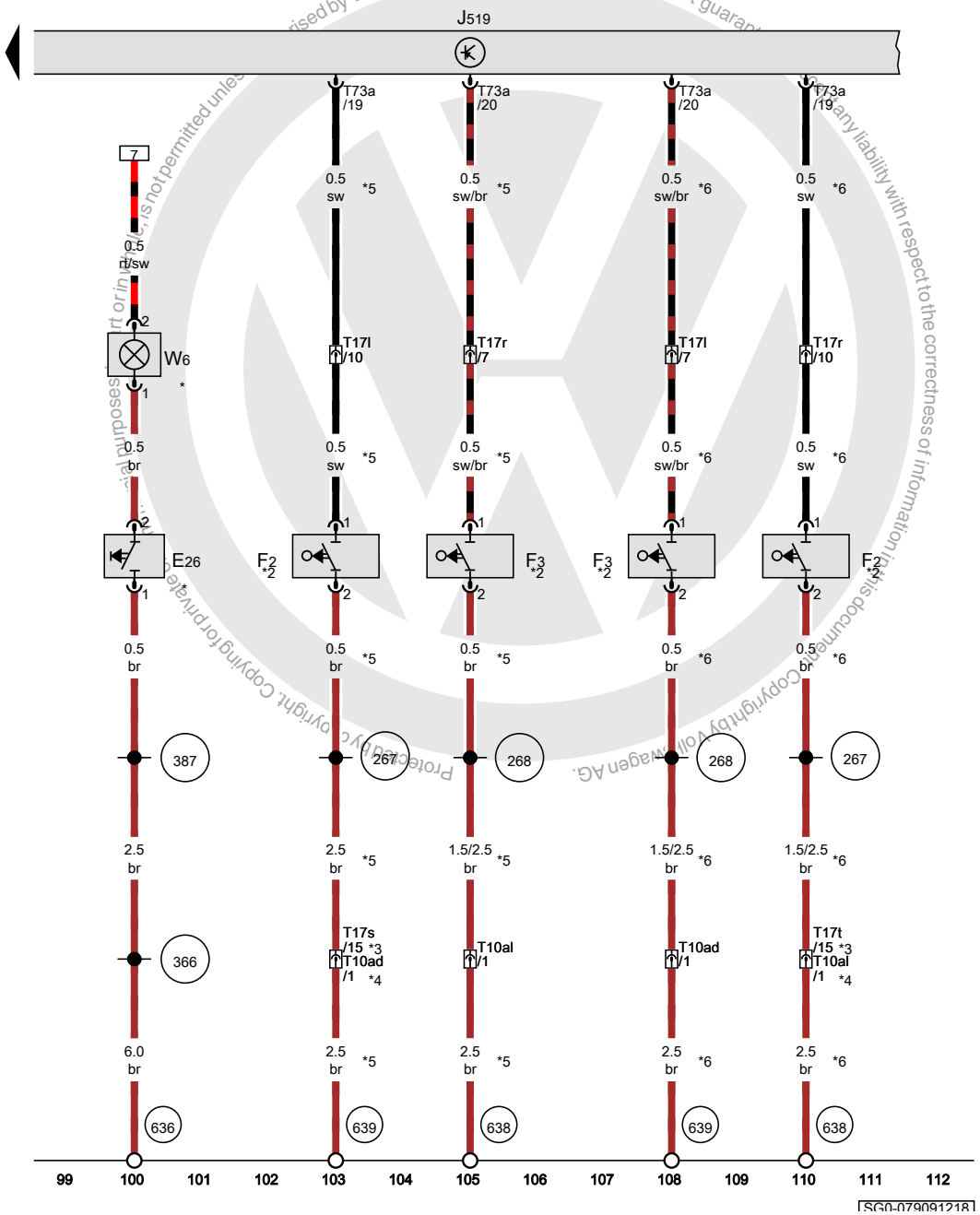

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gn	=	green
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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Glove compartment light switch, Driver door contact switch, Front passenger door contact switch, Onboard supply control unit, Glove compartment light

E26	Glove compartment light switch
F2	Driver door contact switch
F3	Front passenger door contact switch
J519	Onboard supply control unit
T10ad	10-pin connector, red, on left A-pillar
T10al	10-pin connector, red, on right A-pillar
T17l	17-pin connector, black, on left A-pillar
T17r	17-pin connector, black, on right A-pillar
T17s	17-pin connector, red, on left A-pillar
T17t	17-pin connector, red, on right A-pillar
T73a	73-pin connector, black
W6	Glove compartment light
267	Earth connection 2, in drive side door wiring harness
268	Earth connection 2, in front passenger side door wiring harness
366	Earth connection 1, in main wiring harness
387	Earth connection 22, in main wiring harness
636	Earth point, onboard supply control unit
638	Earth point, on right A-pillar
639	Earth point, left A-pillar
*	According to equipment
*2	For models with no central locking
*3	From January 2016
*4	Up to January 2016
*5	For left-hand drive models
*6	For right-hand drive models

Internet access , (IS7),(IS8)

From June 2015

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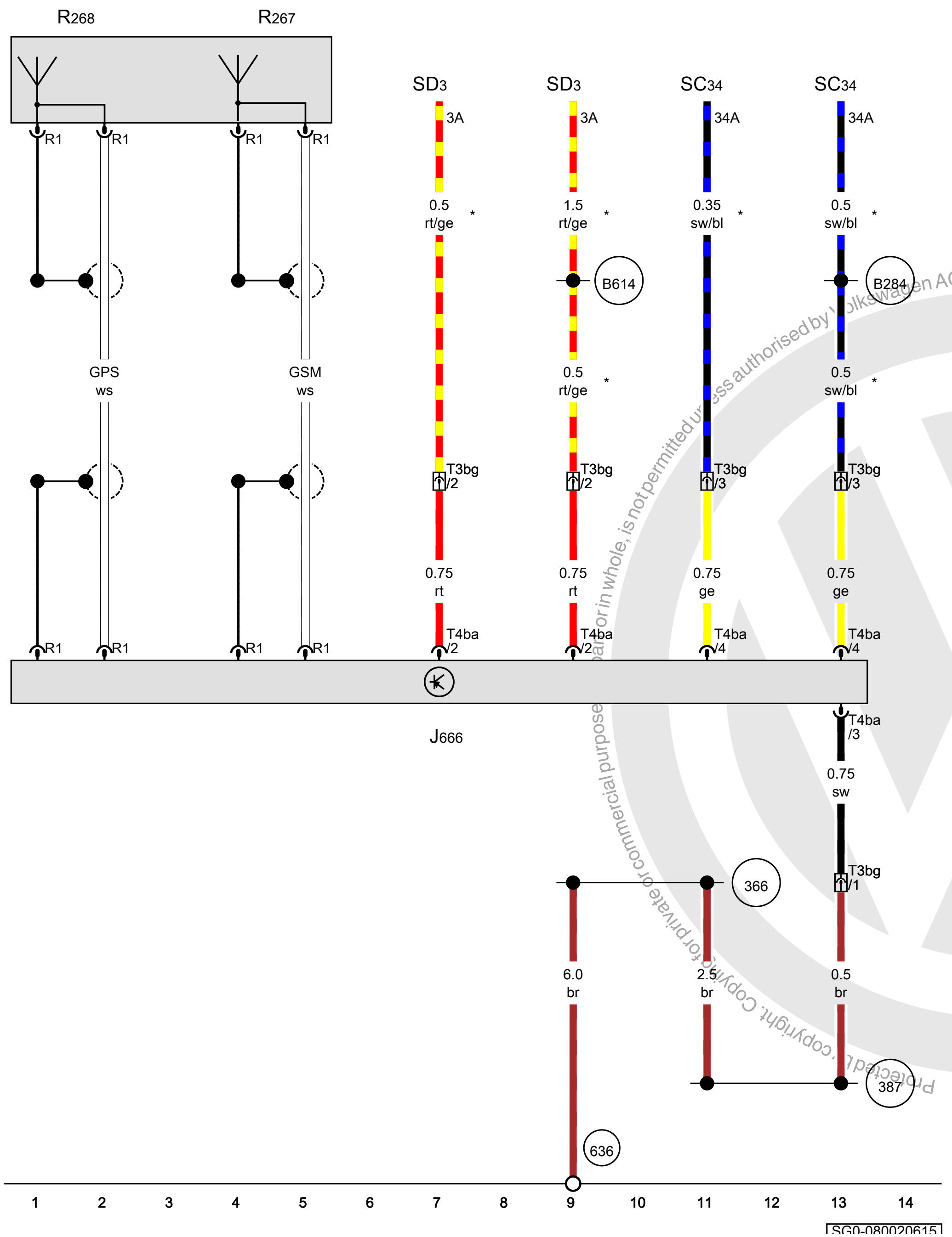

Internet access control unit, GSM aerial 2, GPS aerial 2, Fuse 3 on fuse holder D, Fuse 34 on fuse holder C

J666	Internet access control unit
R267	GSM aerial 2, in roof
R268	GPS aerial 2, in roof
SD3	Fuse 3 on fuse holder D
SC34	Fuse 34 on fuse holder C
T3bg	3-pin connector, black, behind glove compartment
T4ba	4-pin connector, black, in glove compartment
366	Earth connection 1, in main wiring harness
387	Earth connection 22, in main wiring harness
636	Earth point, onboard supply control unit
B284	Positive connection 8 (15a) in main wiring harness
B614	Positive connection 23 (30a) in main wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Camping equipment , (A8L),(A8R)

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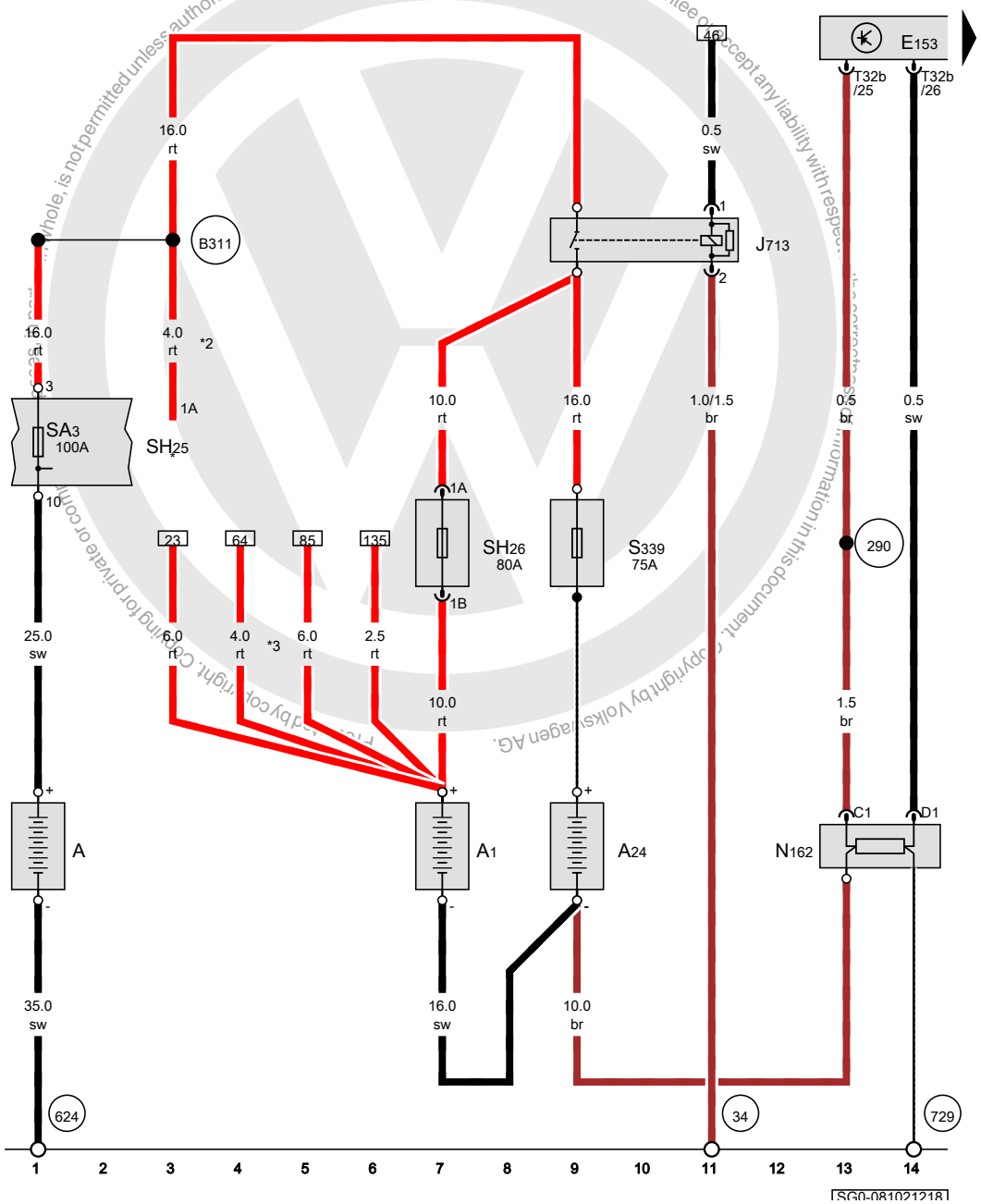

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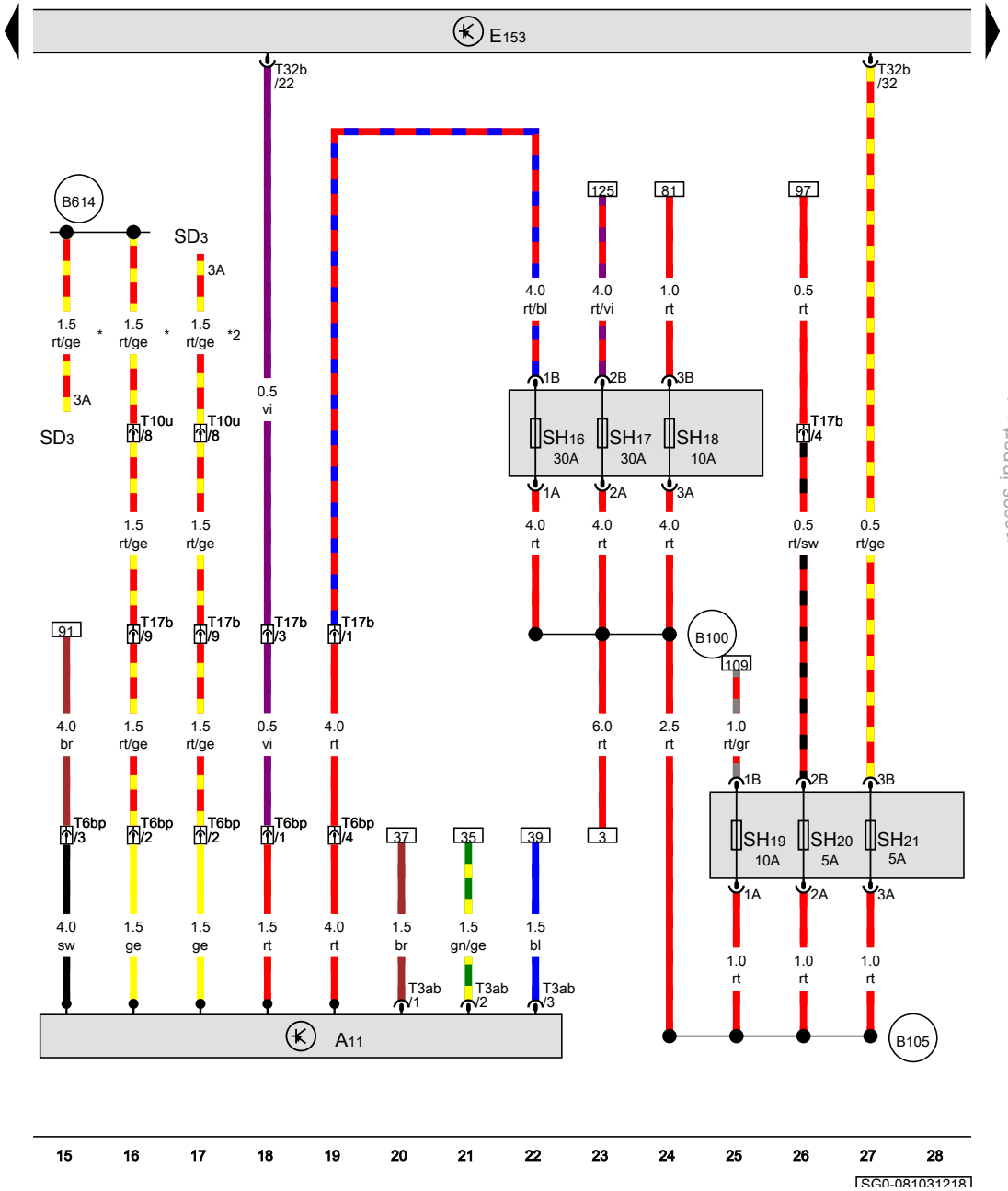
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Second battery, Battery for special vehicle, Operating and display unit for camping equipment, Second battery charging circuit relay, Battery charge control measuring resistor, Fuse 3 on fuse holder A

A	Battery
A1	Second battery, under seat on front left
A24	Battery for special vehicle, in cupboard, bottom, rear
E153	Operating and display unit for camping equipment
J713	Second battery charging circuit relay
N162	Battery charge control measuring resistor, near wheel housing, rear, left
SA3	Fuse 3 on fuse holder A
SH25	Fuse 25 in fuse holder H
SH26	Fuse 26 in fuse holder H
S339	Battery fuse in special vehicle, near battery
T32b	32-pin connector, black
34	Earth point, under driver seat
290	Earth connection 1, in second battery wiring harness
624	Earth point, starter battery
729	Earth point, on left rear wheel housing
B311	Positive connection 15 (30), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with electric sliding door
*3	According to equipment

Onboard charging unit, Operating and display unit for camping equipment, Fuse 3 on fuse holder D



A11	Onboard charging unit, in cupboard, in battery box
E153	Operating and display unit for camping equipment
SD3	Fuse 3 on fuse holder D
SH16	Fuse 16 in fuse holder H
SH17	Fuse 17 in fuse holder H
SH18	Fuse 18 in fuse holder H
SH19	Fuse 19 in fuse holder H
SH20	Fuse 20 in fuse holder H
SH21	Fuse 21 in fuse holder H
T3ab	3-pin connector, black
T6bp	6-pin connector, grey, in cupboard, in battery box
T10u	10-pin connector, blue, under seat on front left
T17b	17-pin connector, black, in cupboard, bottom
T32b	32-pin connector, black
B100	Positive connection 4, in Camper wiring harness
B105	Positive connection 5, in Camper wiring harness
B614	Positive connection 23 (30a) in main wiring harness
*	For models with Internet access
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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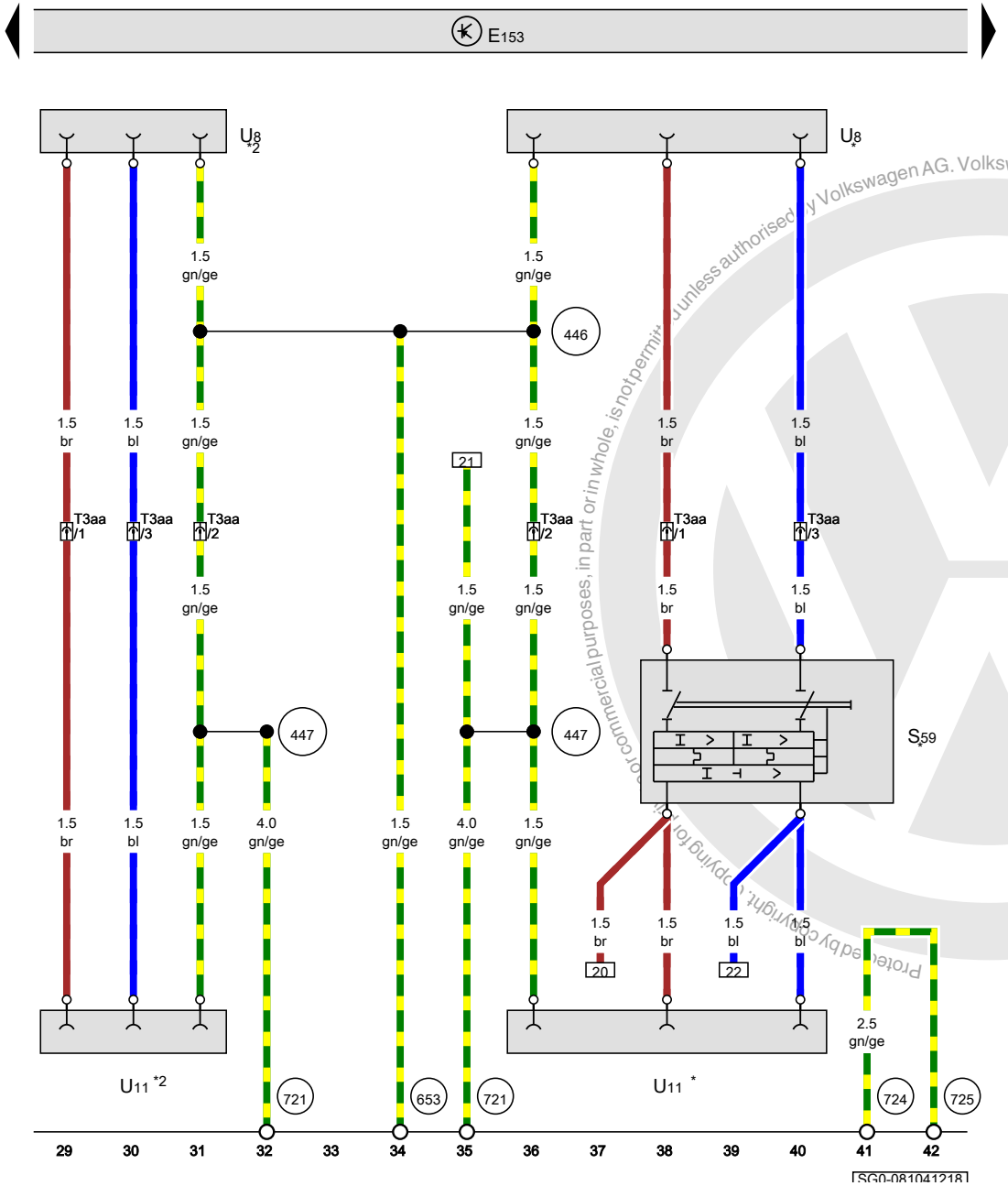
Operating and display unit for camping equipment, 220 V automatic personnel protection circuit breaker, Exterior socket, 230 V, 110 V, Interior socket, 230 V, 110 V



E153	Operating and display unit for camping equipment
S59	220 V automatic personnel protection circuit breaker, in cupboard, rear, left
T3aa	3-pin connector, white, near left D-pillar
U8	Exterior socket, 230 V, 110 V, in rear left side panel
U11	Interior socket, 230 V, 110 V, near sink
446	Earth conductor connection 1
447	Earth conductor connection 2
653	Earth point, on left D-pillar
721	Earth point 1, for special installations
724	Earth point 4, for special installations
725	Earth point 5, for special installations
*	For models with DC/AC converter
*2	For models with no DC/AC converter

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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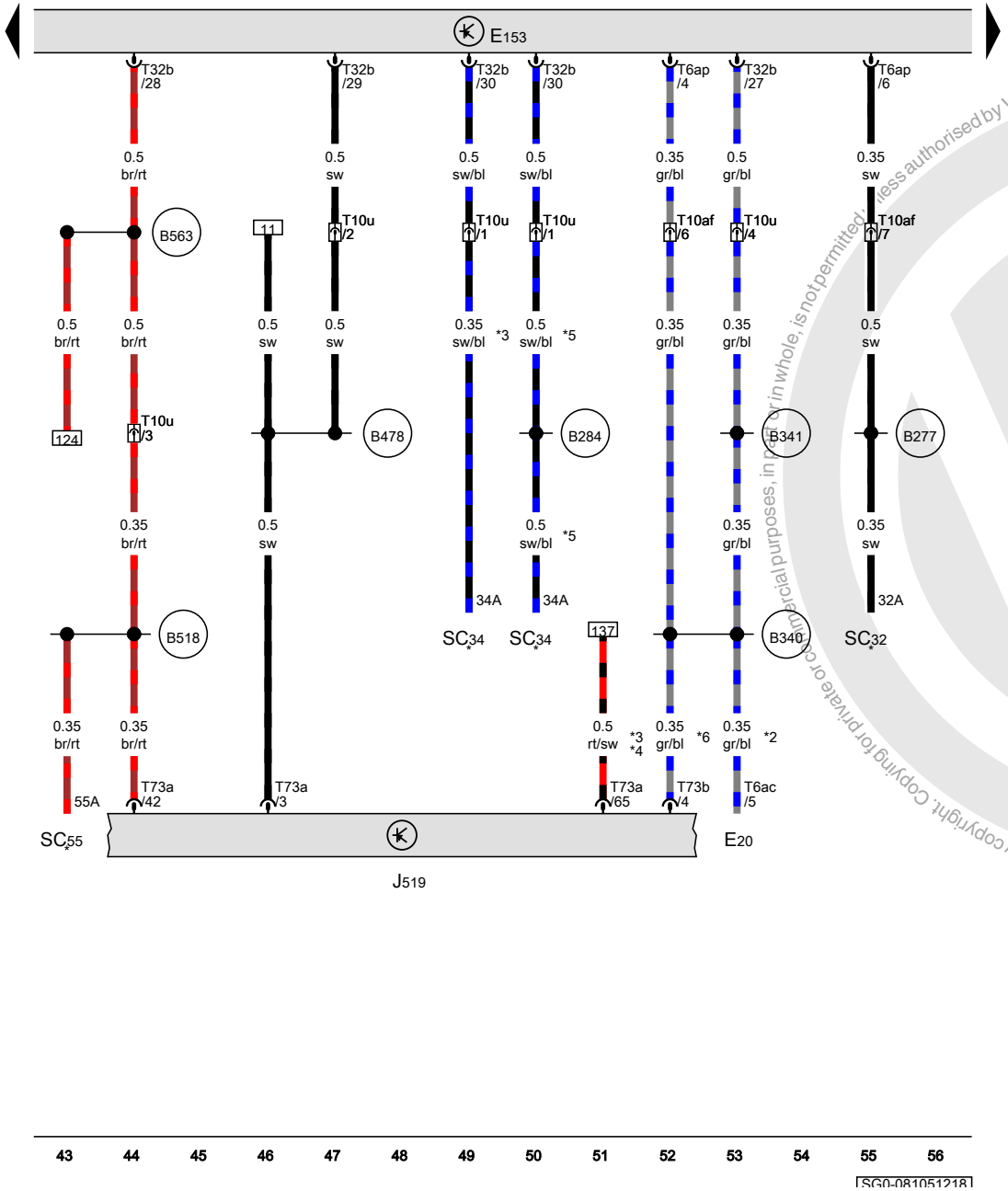
Switch and instrument illumination regulator, Operating and display unit for camping equipment, Onboard supply control unit, Fuse 32 on fuse holder C, Fuse 34 on fuse holder C, Fuse 55 on fuse holder C



E20	Switch and instrument illumination regulator	
E153	Operating and display unit for camping equipment	
J519	Onboard supply control unit	
SC32	Fuse 32 on fuse holder C	
SC34	Fuse 34 on fuse holder C	
SC55	Fuse 55 on fuse holder C	
T6ac	6-pin connector, black	
T6ap	6-pin connector, black	
T10af	10-pin connector, blue, in left A-pillar coupling station	
T10u	10-pin connector, blue, under seat on front left	
T32b	32-pin connector, black	
T73a	73-pin connector, black	
T73b	73-pin connector, white	
B277	Positive connection 1 (15a) in main wiring harness	
B284	Positive connection 8 (15a) in main wiring harness	
B340	Connection 1 (58d), in main wiring harness	
B341	Connection 2 (58d), in main wiring harness	
B478	Connection 14, in main wiring harness	
B518	Connection (86s), in main wiring harness	
B563	Positive connection 3, in Camper wiring harness	
*	see applicable current flow diagram for fuse assignment	
*2	For models with dimmable instrument illumination	
*3	According to equipment	
*4	see applicable current flow diagram for interior lights	
*5	For models with Internet access	
*6	For models with no dimmable instrument illumination	

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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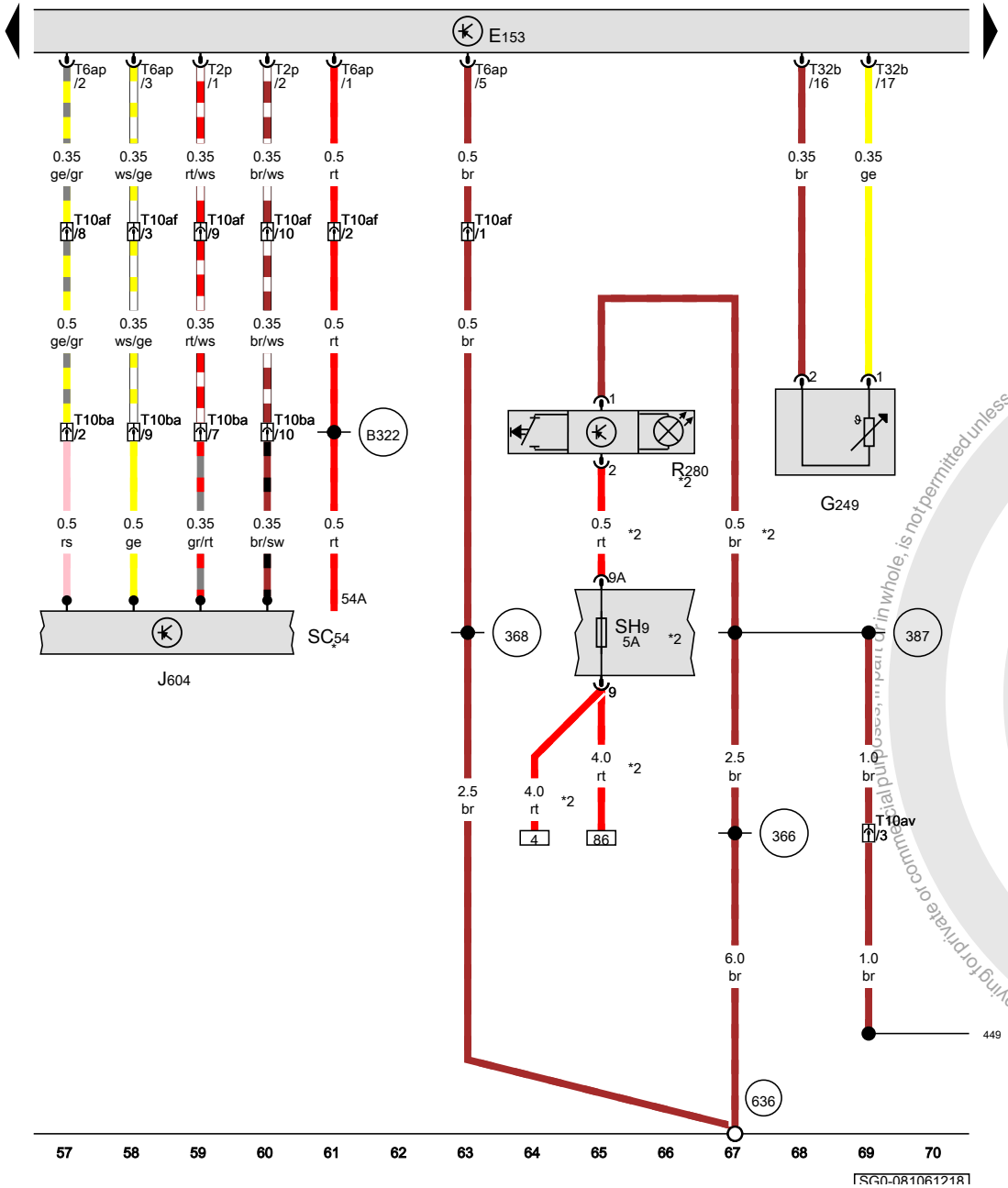
Operating and display unit for camping equipment, Ambient temperature sender 2, Auxiliary air heater control unit, Fuse 9 in fuse holder H, Fuse 54 on fuse holder C



E153	Operating and display unit for camping equipment
G249	Ambient temperature sender 2, on rear left on vehicle floor
J604	Auxiliary air heater control unit
R280	Electric torch, on front passenger seat
SH9	Fuse 9 in fuse holder H
SC54	Fuse 54 on fuse holder C
T2p	2-pin connector, black
T6ap	6-pin connector, black
T10af	10-pin connector, blue, in left A-pillar coupling station
T10av	10-pin connector, brown, under seat on front right
T10ba	10-pin connector, blue, under seat on front right
T32b	32-pin connector, black
366	Earth connection 1, in main wiring harness
368	Earth connection 3, in main wiring harness
387	Earth connection 22, in main wiring harness
449	Earth connection 2, in Camper wiring harness
636	Earth point, onboard supply control unit
B322	Positive connection 8 (30a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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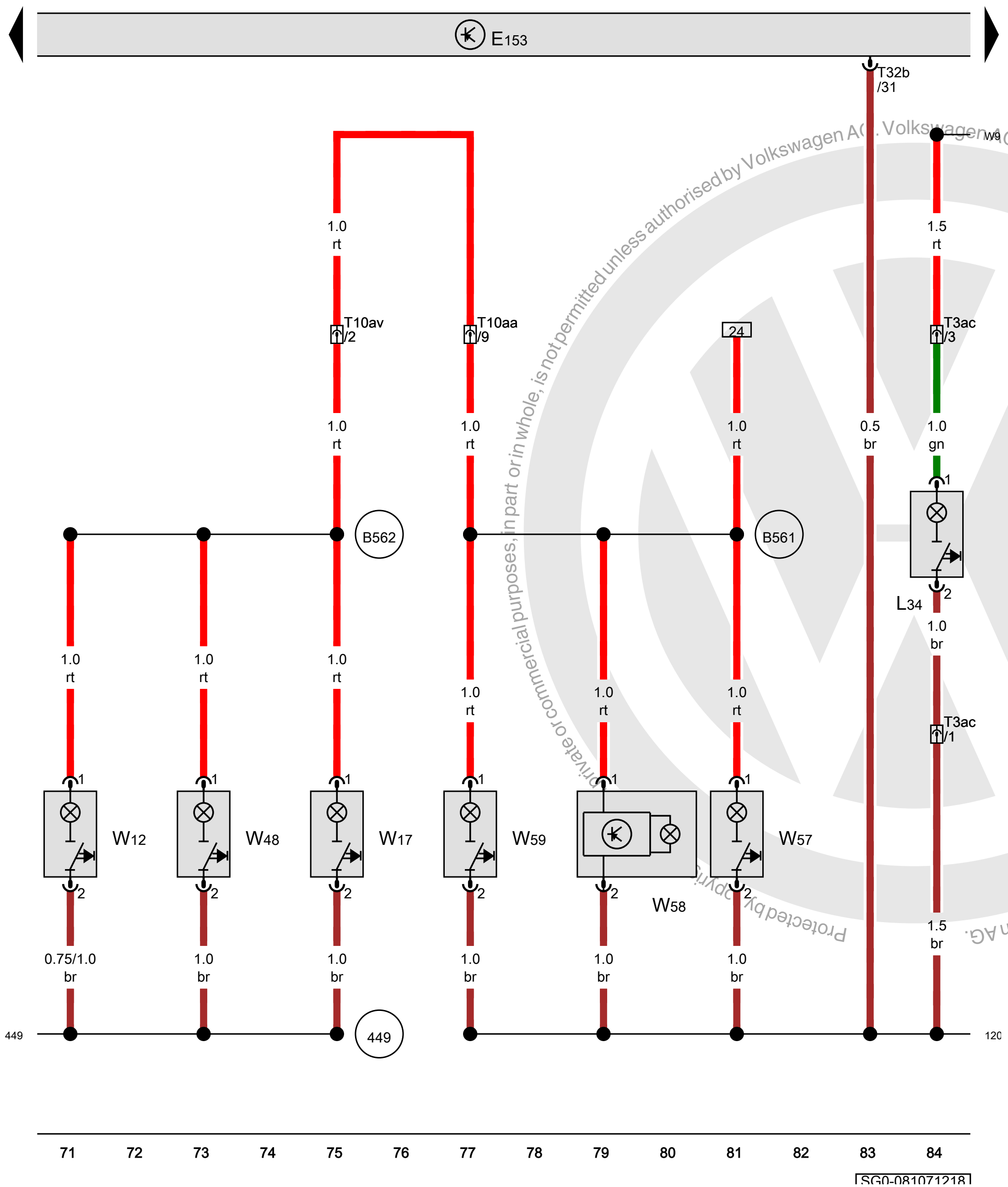
Operating and display unit for camping equipment, Map reading light bulb, Rear right reading light, Right interior light, Rear right interior light, Kitchenette light 1, Kitchenette light 2, Kitchenette light 3



E153	Operating and display unit for camping equipment
L34	Map reading light bulb
T3ac	3-pin connector, colourless, near map reading lamp
T10aa	10-pin connector, dark brown, under seat on front left
T10av	10-pin connector, brown, under seat on front right
T32b	32-pin connector, black
W12	Rear right reading light, in right D-pillar
W17	Right interior light, on upper section of right B-pillar
W48	Rear right interior light, on right C-pillar
W57	Kitchenette light 1, on upper section of left B-pillar
W58	Kitchenette light 2
W59	Kitchenette light 3, on left C-pillar
449	Earth connection 2, in Camper wiring harness
1200	Earth connection 4, in Camper wiring harness
B561	Positive connection 1, in Camper wiring harness
B562	Positive connection 2, in Camper wiring harness
W9	Positive connection 1 (30), in rear wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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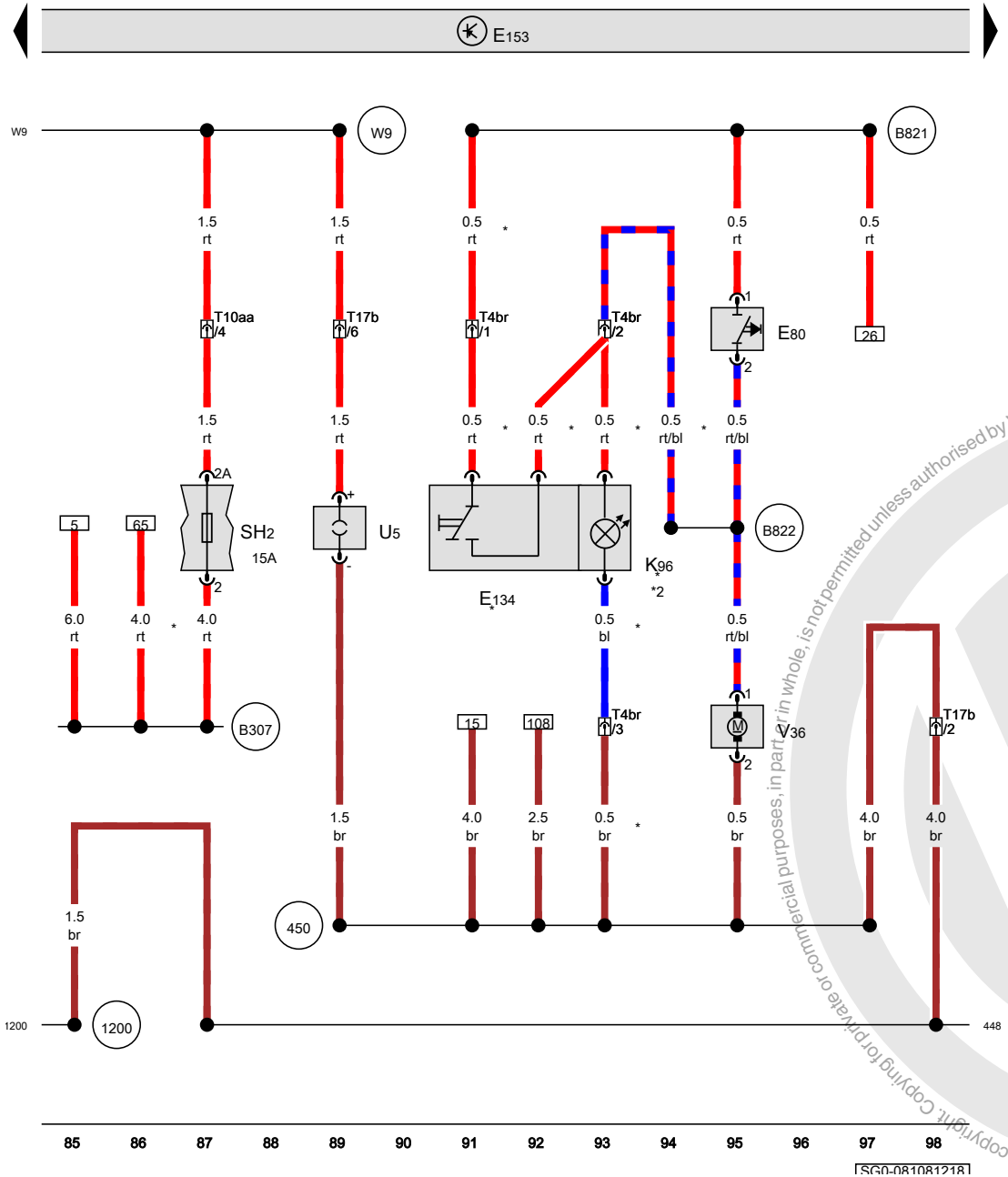
Water pump switch, Water pump switch for shower, Operating and display unit for camping equipment, Warning lamp, Fuse 2 in fuse holder H, 12 V socket, Coolant pump



E80	Water pump switch
E134	Water pump switch for shower, rear, in cupboard
E153	Operating and display unit for camping equipment
K96	Warning lamp, rear, in cupboard
SH2	Fuse 2 in fuse holder H
T4br	4-pin connector, black, in cupboard, rear, left
T10aa	10-pin connector, dark brown, under seat on front left
T17b	17-pin connector, black, in cupboard, bottom
U5	12 V socket, near sink
V36	Coolant pump
448	Earth connection 1, in Camper wiring harness
450	Earth connection 3, in Camper wiring harness
1200	Earth connection 4, in Camper wiring harness
B307	Positive connection 11 (30), in main wiring harness
B821	Positive connection 6, in Camper wiring harness
B822	Positive connection 7, in Camper wiring harness
W9	Positive connection 1 (30), in rear wiring harness
*	According to equipment
*2	Up to January 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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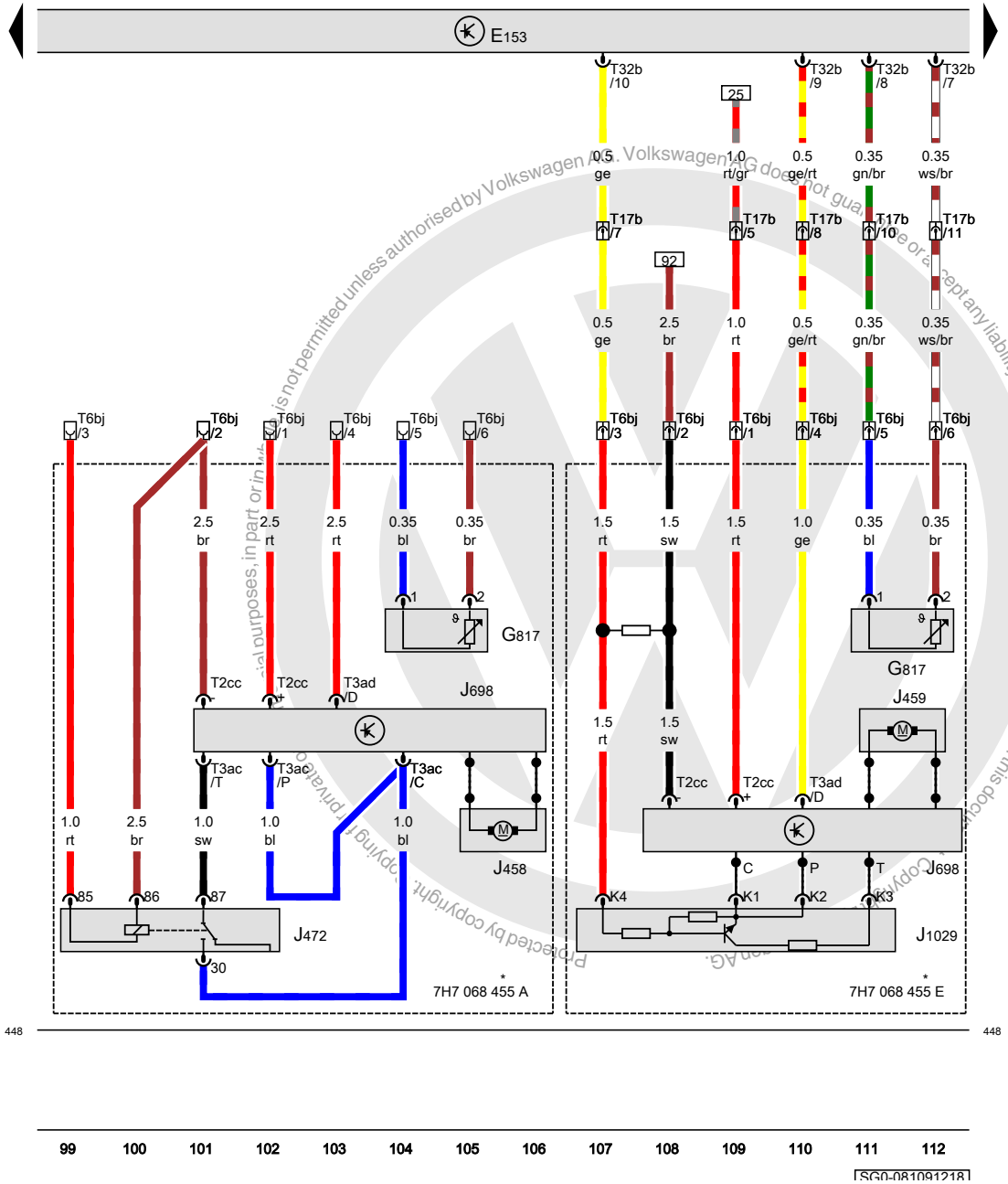
Operating and display unit for camping equipment, Refrigerator temperature sensor, Refrigerator compressor, Refrigerator cooling element, Refrigerator compressor relay, Refrigerator box, Refrigerator control unit



E153	Operating and display unit for camping equipment	
G817	Refrigerator temperature sensor	
J458	Refrigerator compressor	
J459	Refrigerator cooling element	
J472	Refrigerator compressor relay, near refrigerator box	
J698	Refrigerator box	
J1029	Refrigerator control unit, near refrigerator box	
T2cc	2-pin connector, black	
T3ac	3-pin connector, black	
T3ad	3-pin connector, black	
T6bj	6-pin connector, black, near refrigerator box	
T17b	17-pin connector, black, in cupboard, bottom	
T32b	32-pin connector, black	
448	Earth connection 1, in Camper wiring harness	
*	According to equipment	

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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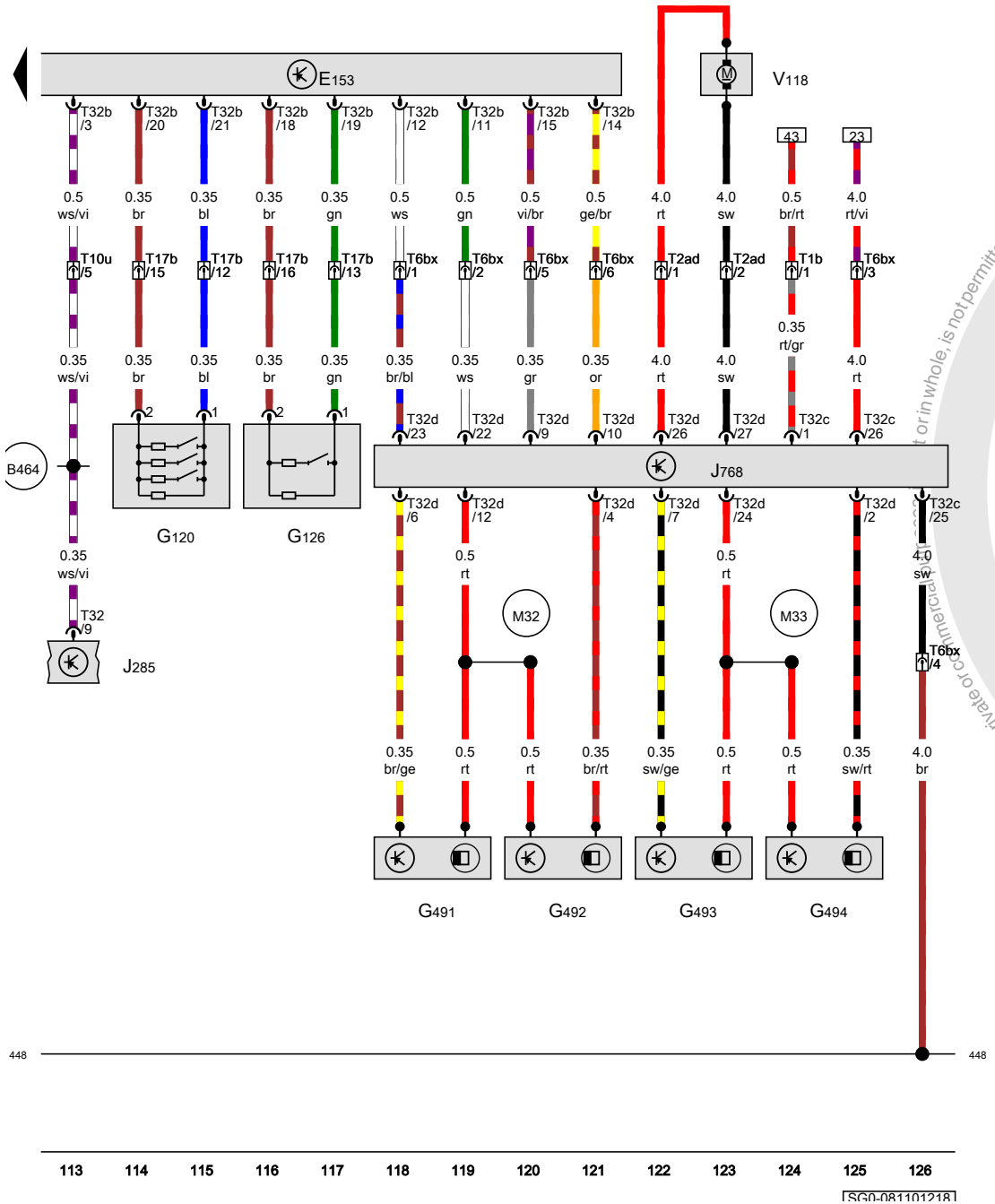

Operating and display unit for camping equipment, Water level sender, Waste water level sender, Control unit in dash panel insert, Roof hydraulics control unit, Convertible roof actuation hydraulic pump

E153	Operating and display unit for camping equipment
G120	Water level sender
G126	Waste water level sender
G491	Roof hydraulics sender 1
G492	Roof hydraulics sender 2
G493	Roof hydraulics sender 3
G494	Roof hydraulics sender 4
J285	Control unit in dash panel insert
J768	Roof hydraulics control unit
T1b	1-pin connector, grey, near roof hydraulics control unit
T2ad	2-pin connector, black, near convertible roof operation hydraulic pump
T6bx	6-pin connector, black, near roof hydraulics control unit
T10u	10-pin connector, blue, under seat on front left
T17b	17-pin connector, black, in cupboard, bottom
T32	32-pin connector, blue
T32b	32-pin connector, black
T32c	32-pin connector, black
T32d	32-pin connector, blue
V118	Convertible roof actuation hydraulic pump
448	Earth connection 1, in Camper wiring harness
B464	Connection (speed signal), in main wiring harness
M32	Connection 1, in wiring harness for roof operation
M33	Connection 2, in wiring harness for roof operation

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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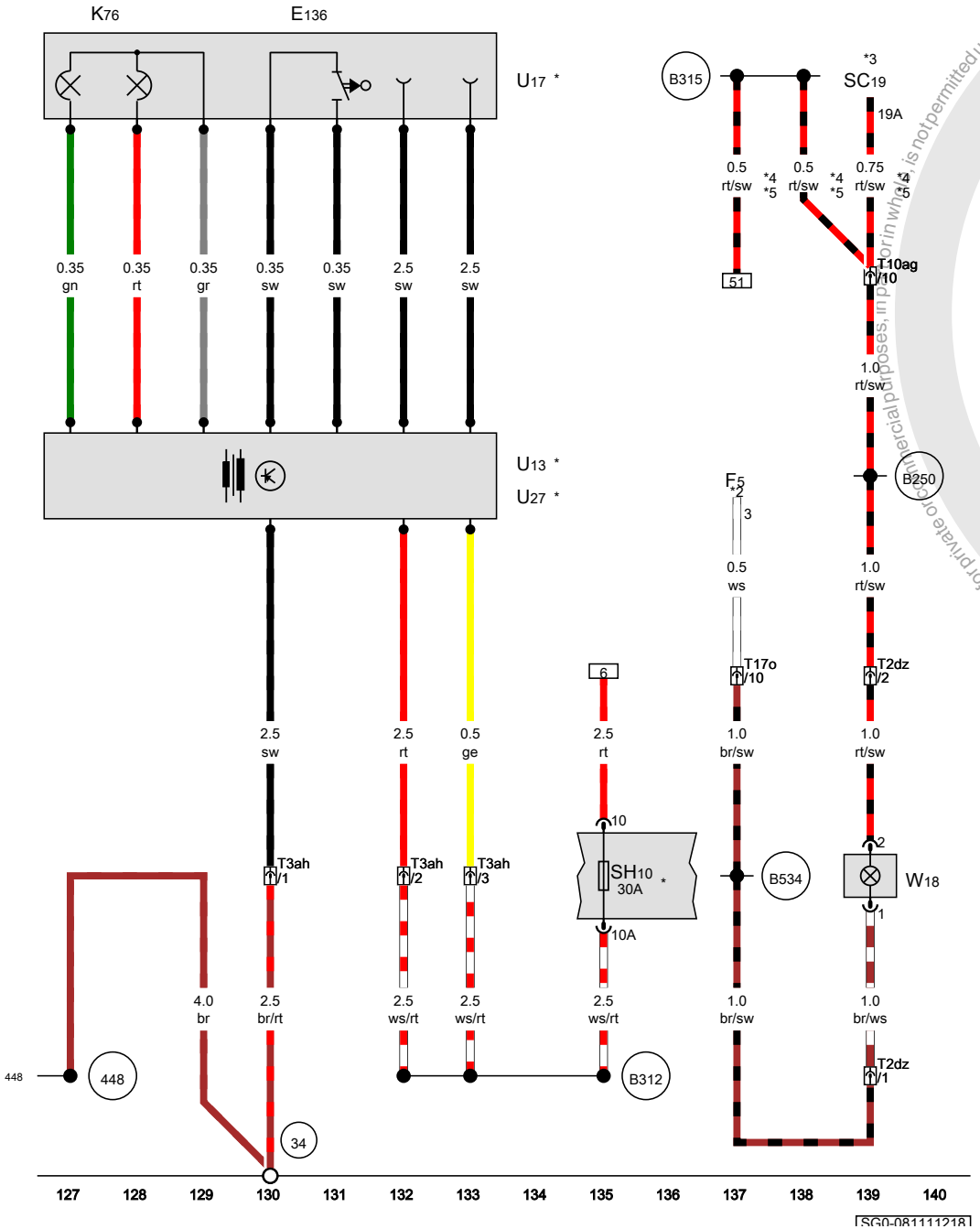

DC/AC converter with socket, 12 V - 230 V, Interior socket 2, 230V, 110V, Left luggage compartment light

E136	DC/AC converter switch, in electric socket
F5	Luggage compartment light switch
K76	Electric socket warning lamp, in electric socket
SH10	Fuse 10 in fuse holder H
SC19	Fuse 19 on fuse holder C
T2dz	2-pin connector, black, behind left D-pillar trim
T3ah	3-pin connector, black, on DC/AC converter
T10ag	10-pin connector, brown, in left A-pillar coupling station
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
U13	DC/AC converter with socket, 12 V - 230 V, on left B-pillar
U17	Interior socket 2, 230V, 110V, on left B-pillar
U27	DC/AC converter with socket, 12 V - 115 V, on left B-pillar
W18	Left luggage compartment light
34	Earth point, under driver seat
448	Earth connection 1, in Camper wiring harness
B250	Positive connection, in roof wiring harness
B312	Positive connection 16 (30), in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B534	Connection 1 (luggage compartment switch), in roof wiring harness
*	For models with DC/AC converter
*2	see applicable current flow diagram for convenience system
*3	see applicable current flow diagram for fuse assignment
*4	According to equipment
*5	see applicable current flow diagram for interior lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Camping equipment , (A9A)

From June 2015

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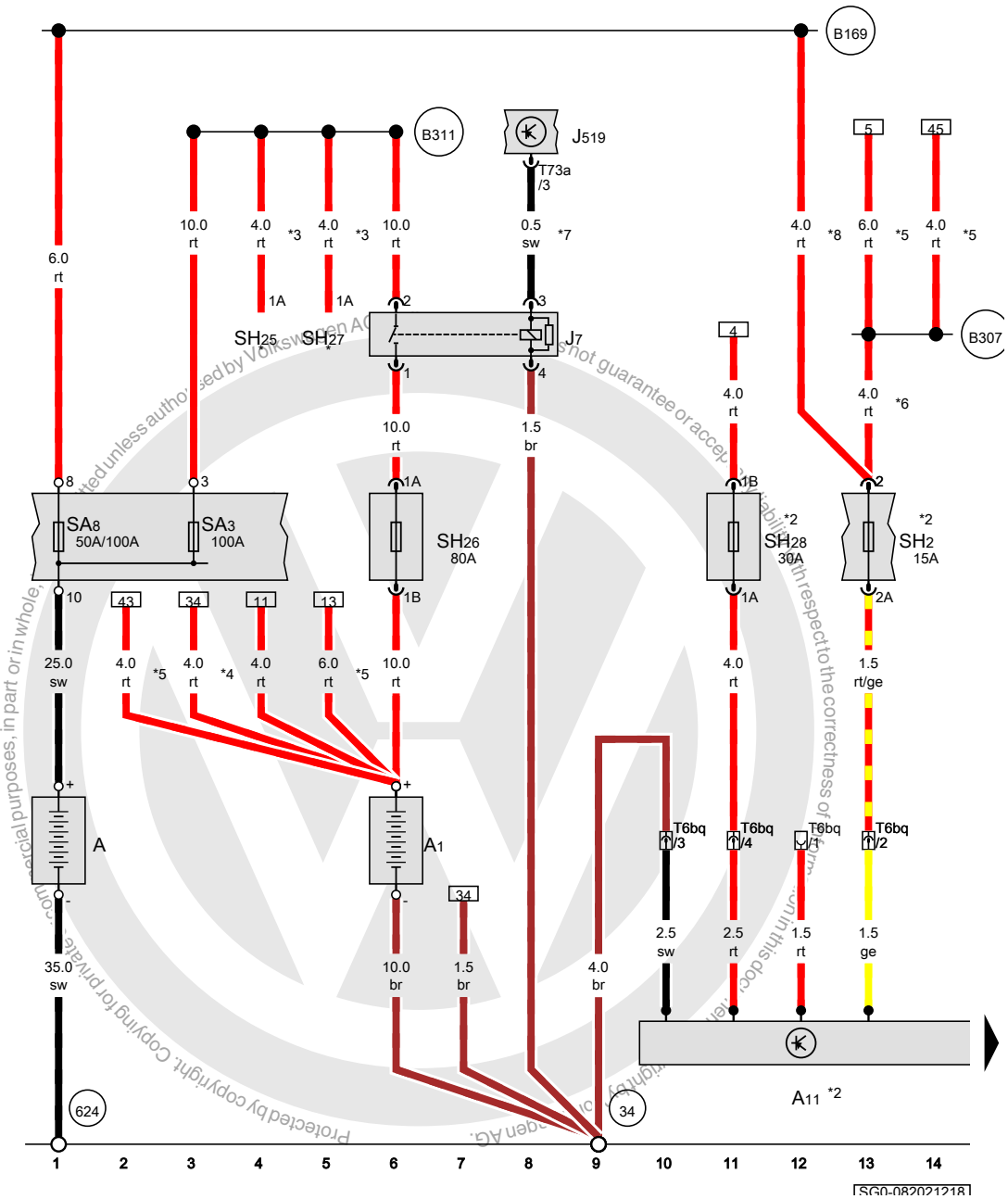
Second battery, Onboard charging unit, Battery isolation relay, Onboard supply control unit, Fuse 3 on fuse holder A, Fuse 8 on fuse holder A



A	Battery
A1	Second battery, under seat on front left
A11	Onboard charging unit, in rear left side panel
J7	Battery isolation relay
J519	Onboard supply control unit
SH2	Fuse 2 in fuse holder H
SA3	Fuse 3 on fuse holder A
SA8	Fuse 8 on fuse holder A
SH25	Fuse 25 in fuse holder H
SH26	Fuse 26 in fuse holder H
SH27	Fuse 27 in fuse holder H
SH28	Fuse 28 in fuse holder H
T6bq	6-pin connector, grey, in rear left side panel
T73a	73-pin connector, black
34	Earth point, under driver seat
624	Earth point, starter battery
B169	Positive connection 1 (30), in interior wiring harness
B307	Positive connection 11 (30), in main wiring harness
B311	Positive connection 15 (30), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with DC/AC converter
*3	For models with electric sliding door
*4	Cross-section 1.5 possible
*5	According to equipment
*6	Up to August 2018
*7	For models with no background lighting
*8	From August 2018

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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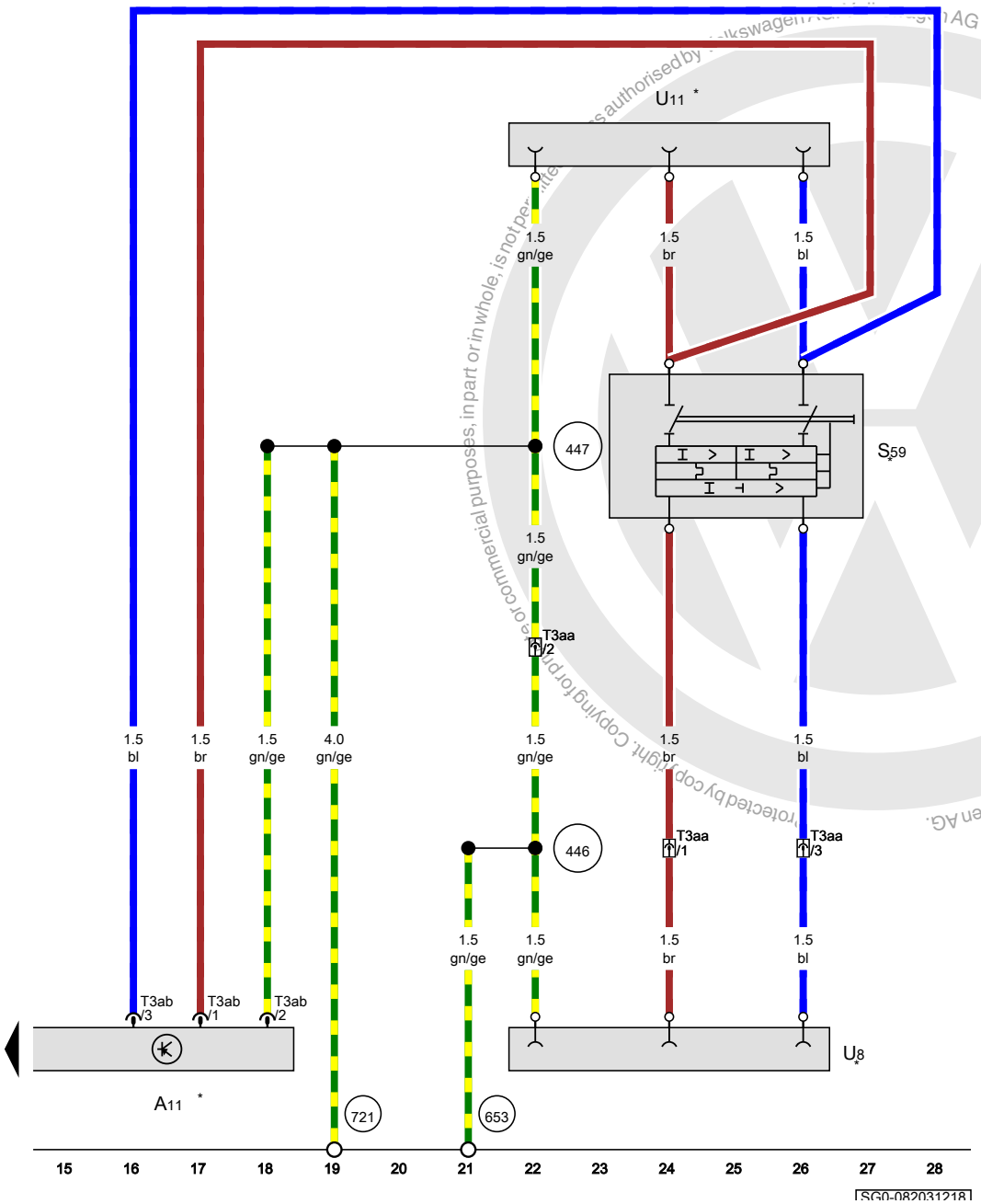
Onboard charging unit, 220 V automatic personnel protection circuit breaker, Exterior socket, 230 V, 110 V, Interior socket, 230 V, 110 V

A11	Onboard charging unit, in rear left side panel
S59	220 V automatic personnel protection circuit breaker, behind left D-pillar trim
T3aa	3-pin connector, white, near left D-pillar
T3ab	3-pin connector, black
U8	Exterior socket, 230 V, 110 V, in rear left side panel
U11	Interior socket, 230 V, 110 V, on right B-pillar
446	Earth conductor connection 1
447	Earth conductor connection 2
653	Earth point, on left D-pillar
721	Earth point 1, for special installations
*	For models with DC/AC converter



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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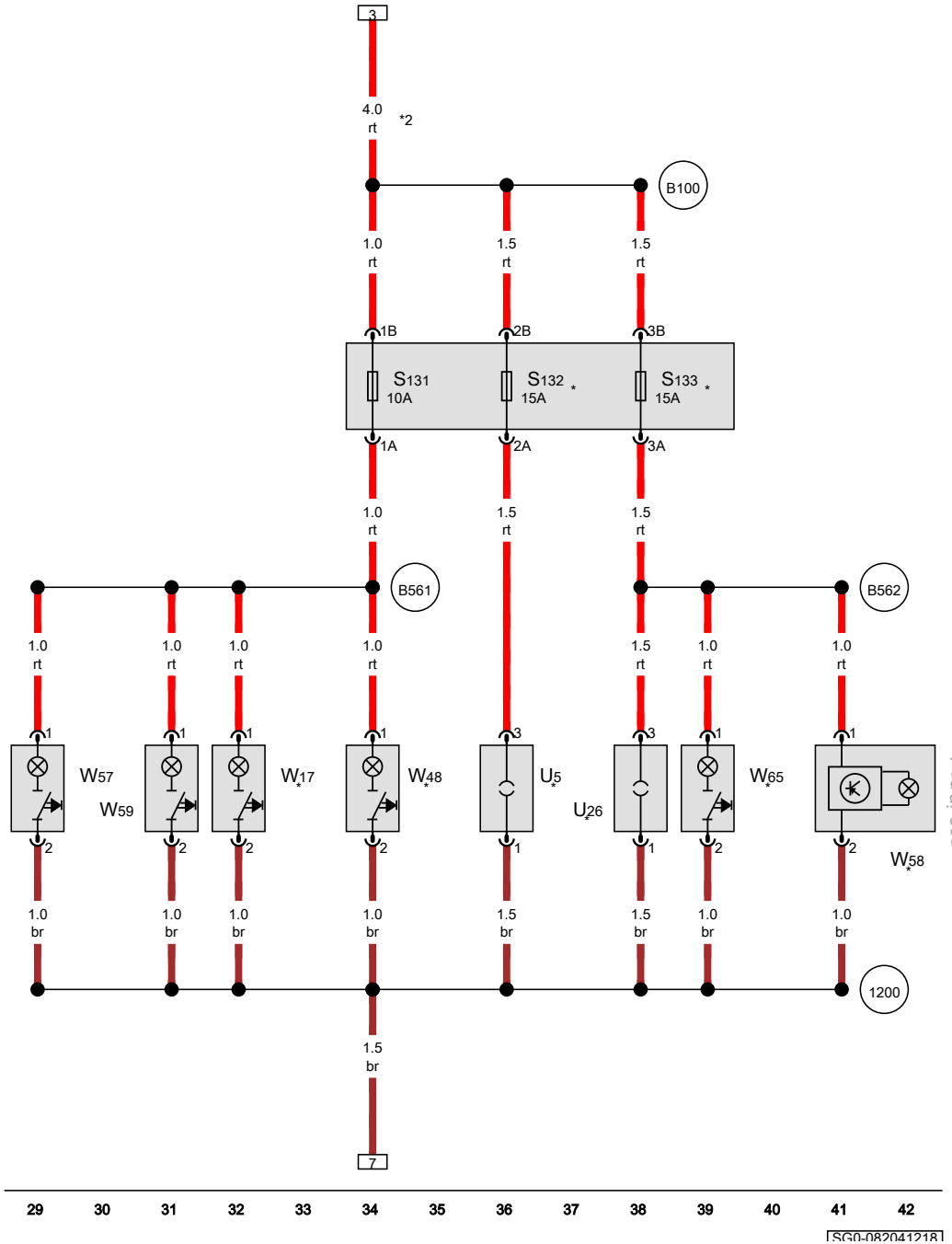

Fuse 1, Fuse 2, Fuse 3, 12 V socket, 12 V socket 5, Right interior light, Rear right interior light, Kitchenette light 1, Kitchenette light 2, Kitchenette light 3, Front left reading light

S131	Fuse 1
S132	Fuse 2
S133	Fuse 3
U5	12 V socket, on upper section of left B-pillar
U26	12 V socket 5, on left B-pillar
W17	Right interior light, on upper section of right B-pillar
W48	Rear right interior light, on right C-pillar
W57	Kitchenette light 1, on upper section of left B-pillar
W58	Kitchenette light 2
W59	Kitchenette light 3, on left C-pillar
W65	Front left reading light, on upper section of left B-pillar
1200	Earth connection 4, in Camper wiring harness
B100	Positive connection 4, in Camper wiring harness
B561	Positive connection 1, in Camper wiring harness
B562	Positive connection 2, in Camper wiring harness
*	For models with 12 V socket
*2	Cross-section 1.5 possible

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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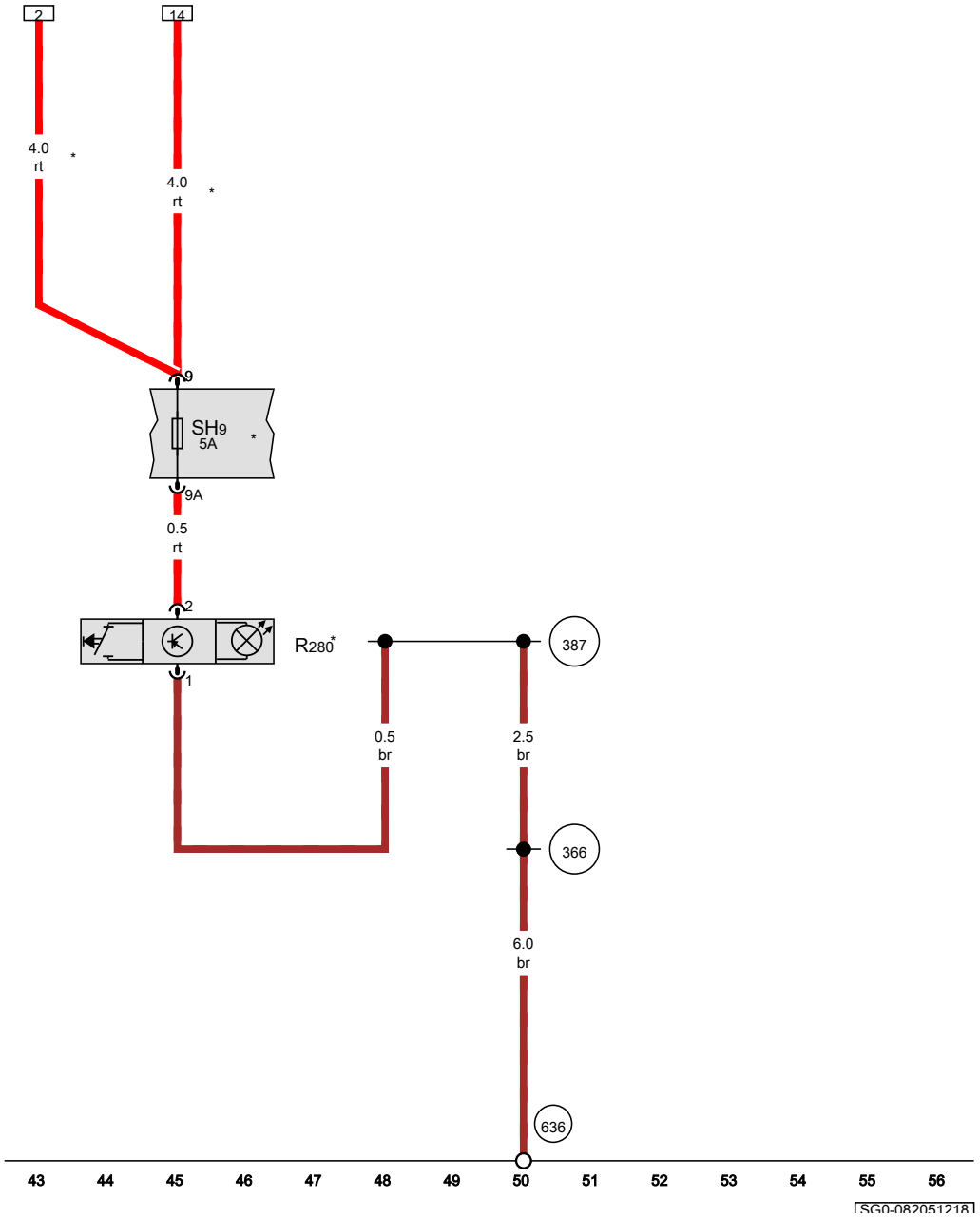
Fuse 9 in fuse holder H

R280	Electric torch, on front passenger seat
SH9	Fuse 9 in fuse holder H
366	Earth connection 1, in main wiring harness
387	Earth connection 22, in main wiring harness
636	Earth point, onboard supply control unit
*	According to equipment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Second battery, not for Camper , (8FB)

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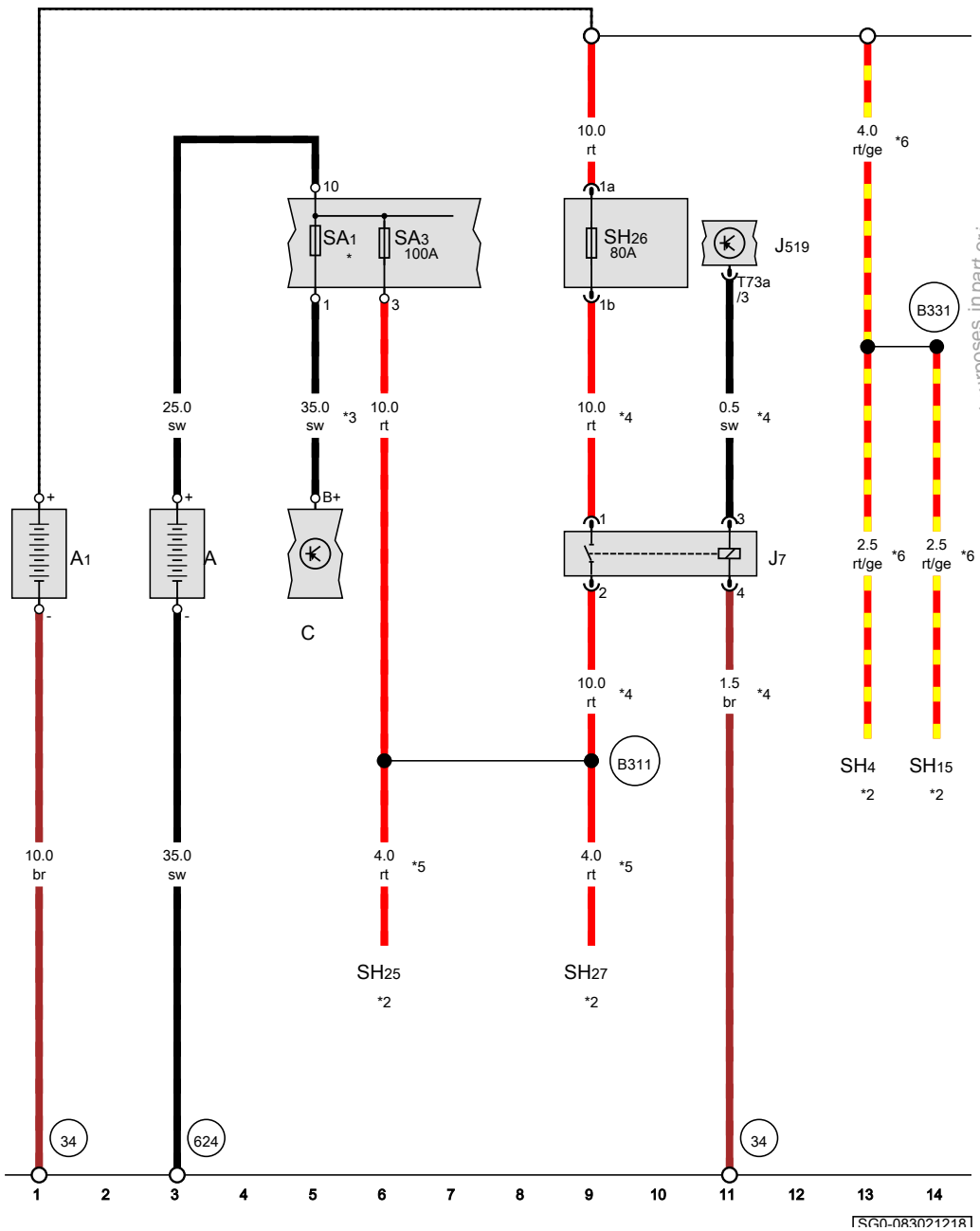
Battery, Second battery, Battery isolation relay, Fuse 4 in fuse holder H, Fuse 15 in fuse holder H, Fuse 26 in fuse holder H



A	Battery
A1	Second battery
C	Alternator
J7	Battery isolation relay, in driver seat storage compartment
J519	Onboard supply control unit
SA1	Fuse 1 on fuse holder A
SA3	Fuse 3 on fuse holder A
SH4	Fuse 4 in fuse holder H
SH15	Fuse 15 in fuse holder H
SH25	Fuse 25 in fuse holder H
SH26	Fuse 26 in fuse holder H
SH27	Fuse 27 in fuse holder H
T73a	73-pin connector, black
34	Earth point, under driver seat
624	Earth point, starter battery
B311	Positive connection 15 (30), in main wiring harness
B331	Positive connection 17 (30a) in main wiring harness
*	see fitting locations
*2	see applicable current flow diagram for fuse assignment
*3	Cross section depends on equipment
*4	For models with no camping equipment
*5	For models with electric sliding door
*6	For models with towing bracket

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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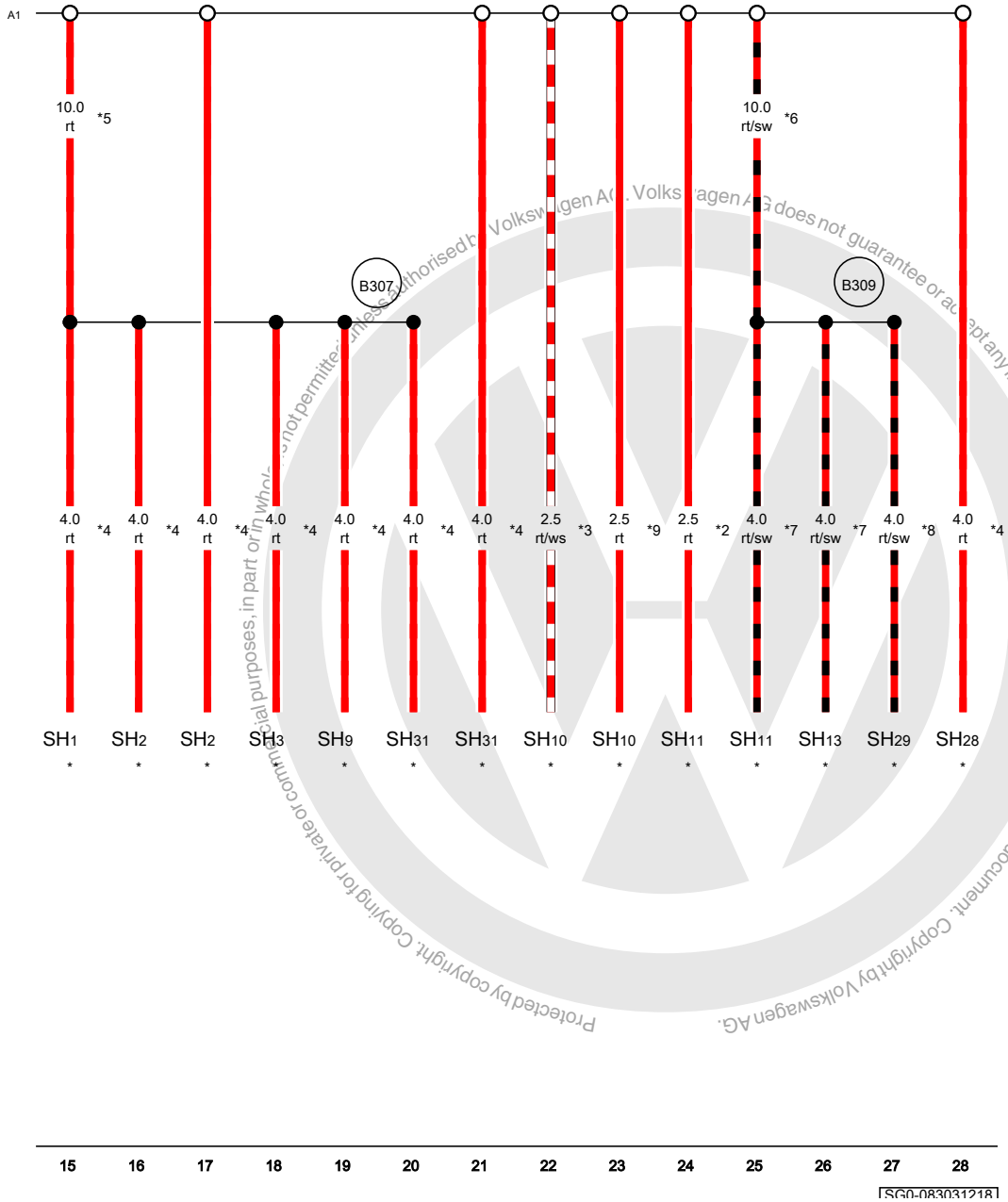

Fuse 1 in fuse holder H, Fuse 2 in fuse holder H, Fuse 3 in fuse holder H, Fuse 9 in fuse holder H, Fuse 11 in fuse holder H, Fuse 13 in fuse holder H, Fuse 28 in fuse holder H, Fuse 29 in fuse holder H, Fuse 31 in fuse holder H

SH1	Fuse 1 in fuse holder H
SH2	Fuse 2 in fuse holder H
SH3	Fuse 3 in fuse holder H
SH9	Fuse 9 in fuse holder H
SH10	Fuse 10 in fuse holder H
SH11	Fuse 11 in fuse holder H
SH13	Fuse 13 in fuse holder H
SH28	Fuse 28 in fuse holder H
SH29	Fuse 29 in fuse holder H
SH31	Fuse 31 in fuse holder H
B307	Positive connection 11 (30), in main wiring harness
B309	Positive connection 13 (30), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with auxiliary air heater
*3	For models with refrigerator box, not for Camper
*4	According to equipment
*5	Cross-section 6.0 possible
*6	Cross-section 4.0 possible
*7	For models with auxiliary coolant heater
*8	For models with Climatronic
*9	For models with DC/AC converter

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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12 V sockets, with no second battery , (8FA)

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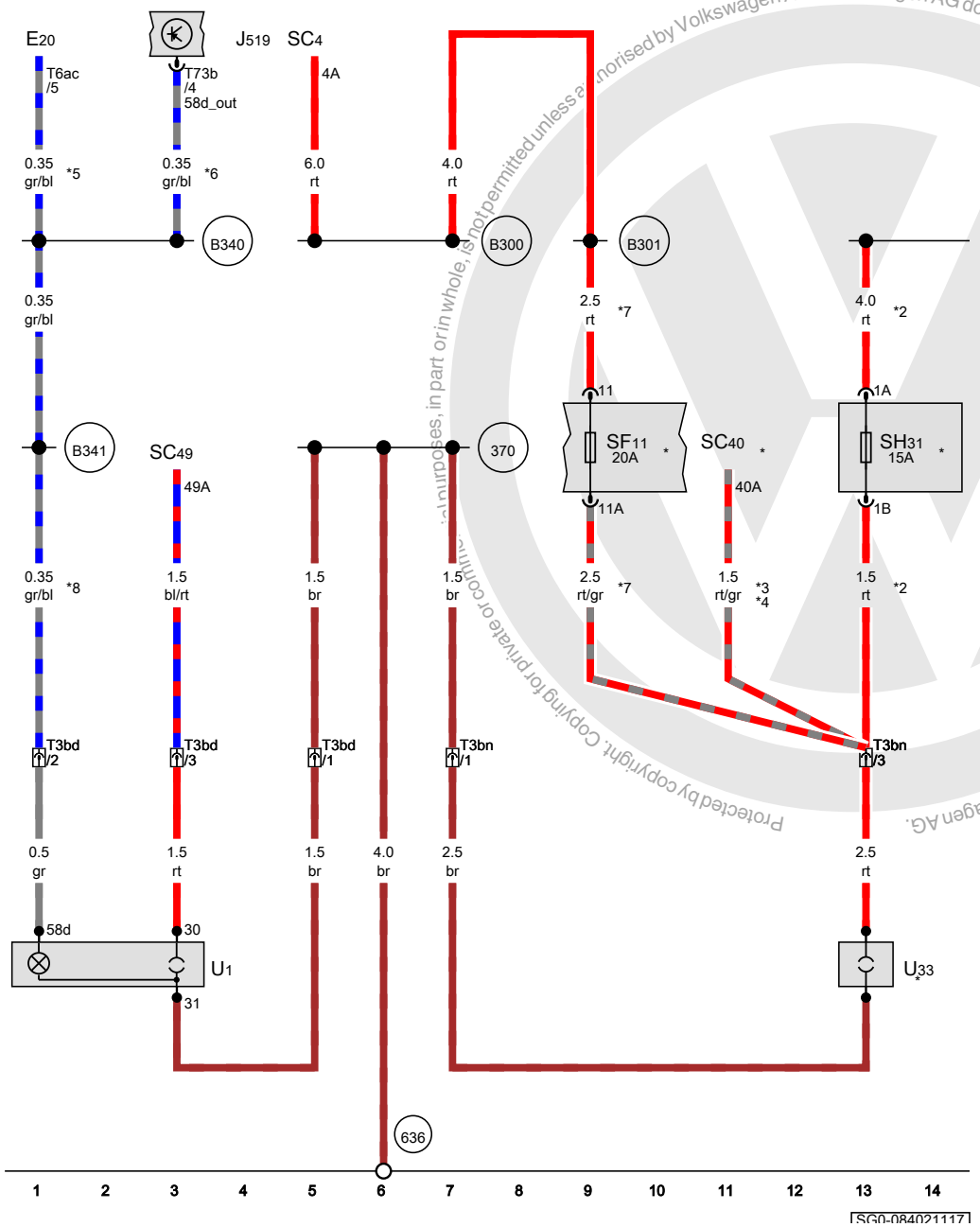

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Switch and instrument illumination regulator, Onboard supply control unit, Fuse 11 in fuse holder F, Fuse 31 in fuse holder H, Fuse 40 on fuse holder C, Fuse 49 on fuse holder C, Cigarette lighter, 12 V socket 6

E20	Switch and instrument illumination regulator
J519	Onboard supply control unit
SC4	Fuse 4 on fuse holder C
SF11	Fuse 11 in fuse holder F
SH31	Fuse 31 in fuse holder H
SC40	Fuse 40 on fuse holder C
SC49	Fuse 49 on fuse holder C
T3bd	3-pin connector, colourless, in centre of dash panel, near ashtray
T3bn	3-pin connector, colourless, near dash panel insert
T6ac	6-pin connector, black
T73b	73-pin connector, white
U1	Cigarette lighter, in centre of dash panel, near ashtray
U33	12 V socket 6, in centre of dash panel, in storage compartment, top
370	Earth connection 5, in main wiring harness
636	Earth point, onboard supply control unit
B170	Positive connection 2 (30), in interior wiring harness
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
*	For models with front 12 V socket
*2	Up to November 2015
*3	From November 2015
*4	Up to November 2017
*5	For models with dimmable instrument illumination
*6	For models with no dimmable instrument illumination
*7	From November 2017
*8	According to equipment

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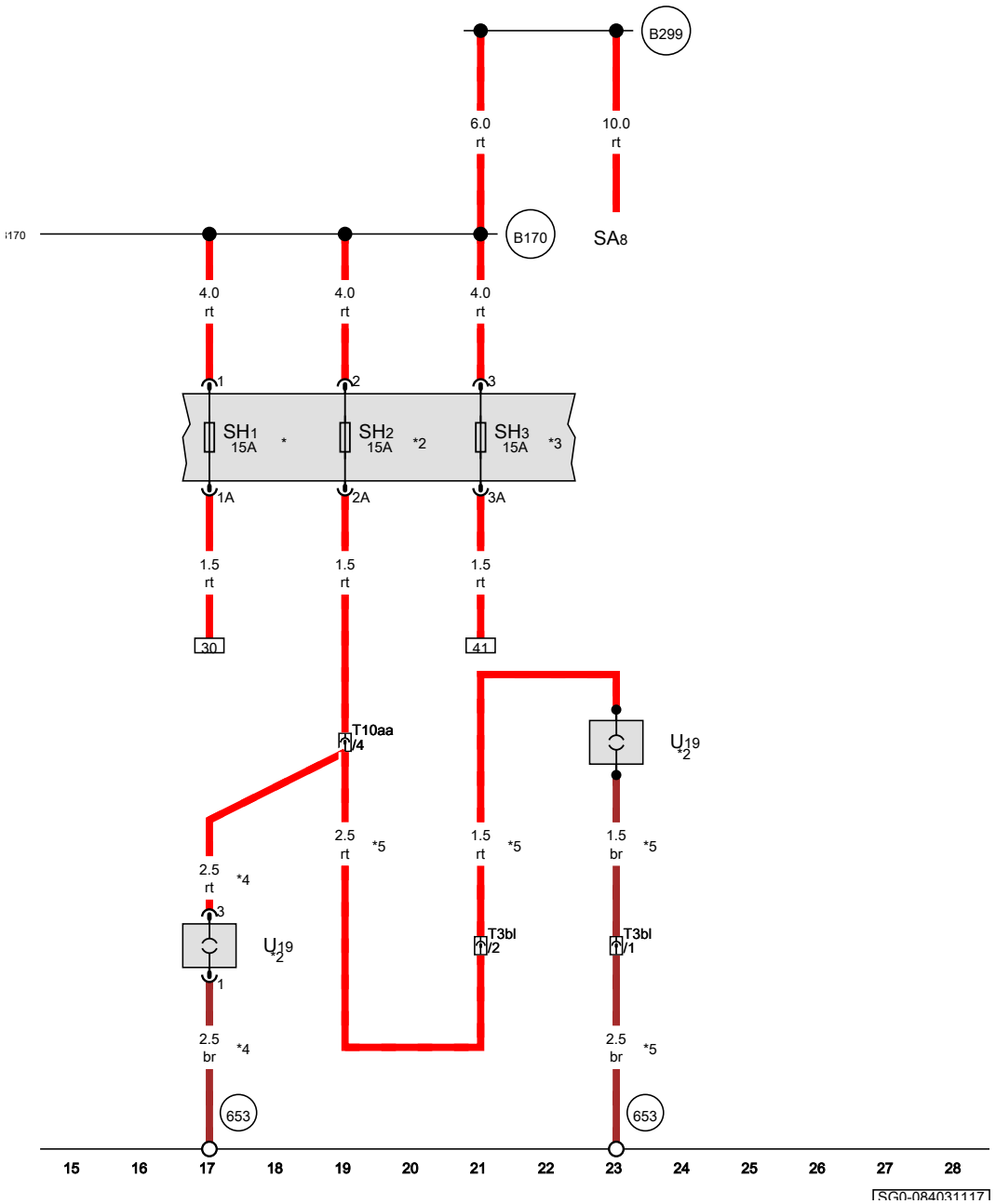
Fuse 1 in fuse holder H, Fuse 2 in fuse holder H, Fuse 3 in fuse holder H, Fuse 8 on fuse holder A, 12 V socket 3



SH1	Fuse 1 in fuse holder H
SH2	Fuse 2 in fuse holder H
SH3	Fuse 3 in fuse holder H
SA8	Fuse 8 on fuse holder A
T3bl	3-pin connector, colourless, on left C-pillar
T10aa	10-pin connector, dark brown, under seat on front left
U19	12 V socket 3, on left C-pillar
653	Earth point, on left D-pillar
B170	Positive connection 2 (30), in interior wiring harness
B299	Positive connection 3 (30), in main wiring harness
*	For models with 12 V socket on right C-pillar
*2	For models with 12 V socket on left C-pillar
*3	For models with 12 V socket on right D-pillar
*4	For models with long wheelbase
*5	For models with short wheelbase

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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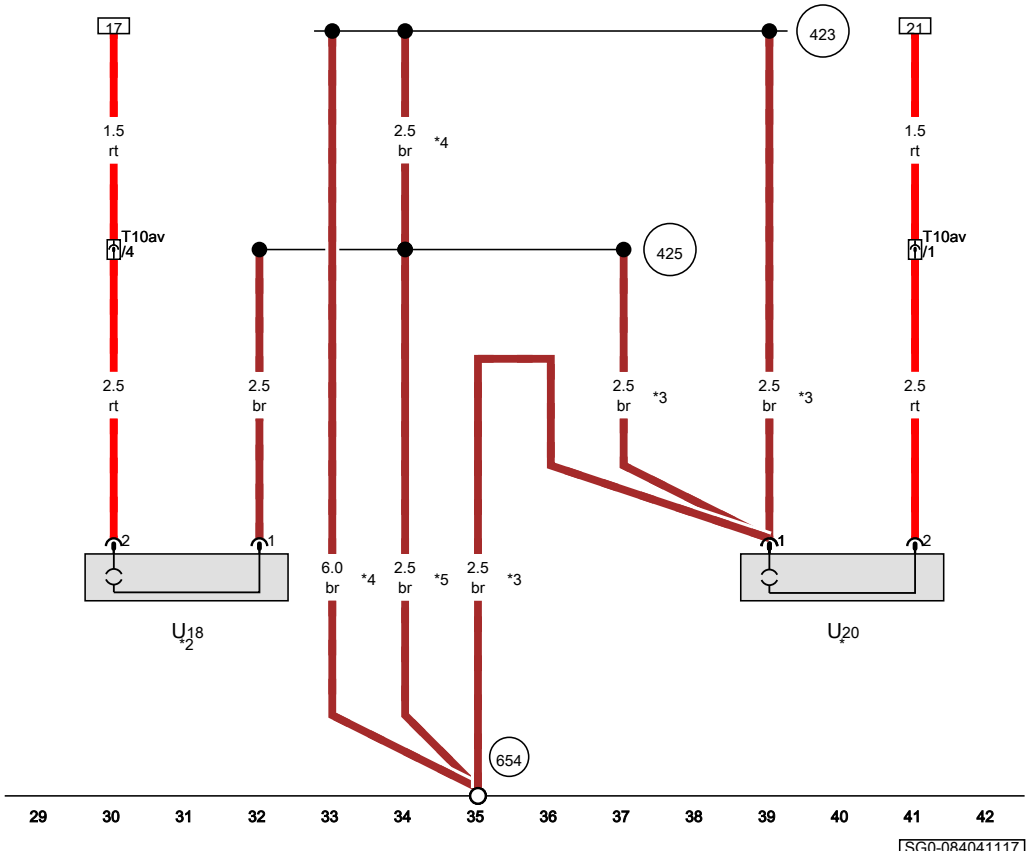
12 V socket 2, 12 V socket 4

T10av	10-pin connector, brown, under seat on front right
U18	12 V socket 2, on right C-pillar
U20	12 V socket 4, in right D-pillar
423	Earth connection 1, in right rear end wiring harness
425	Earth connection 2, in right rear end wiring harness
654	Earth point, on right D-pillar
*	For models with 12 V socket on right D-pillar
*2	For models with 12 V socket on right C-pillar
*3	According to equipment
*4	For models with electric sliding door/power latching system
*5	Cross-section 4.0 possible



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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12 V sockets, with second battery , (8FB)

From June 2015

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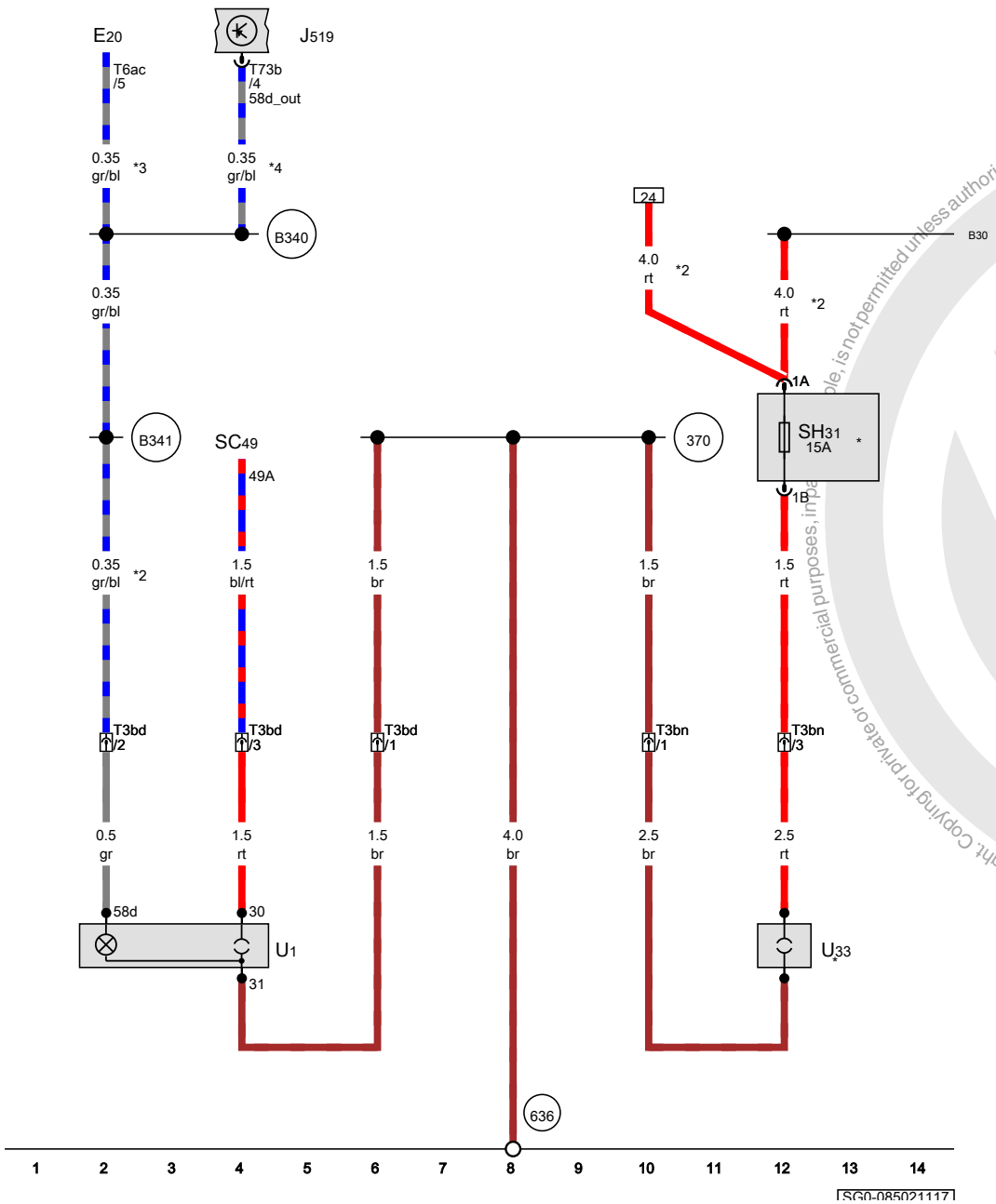
Switch and instrument illumination regulator, Onboard supply control unit, Fuse 31 in fuse holder H, Fuse 49 on fuse holder C, Cigarette lighter, 12 V socket 6



E20	Switch and instrument illumination regulator
J519	Onboard supply control unit
SH31	Fuse 31 in fuse holder H
SC49	Fuse 49 on fuse holder C
T3bd	3-pin connector, colourless, in centre of dash panel, near ashtray
T3bn	3-pin connector, colourless, near dash panel insert
T6ac	6-pin connector, black
T73b	73-pin connector, white
U1	Cigarette lighter, in centre of dash panel, near ashtray
U33	12 V socket 6, in centre of dash panel, in storage compartment, top
370	Earth connection 5, in main wiring harness
636	Earth point, onboard supply control unit
B307	Positive connection 11 (30), in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
*	For models with front 12 V socket
*2	According to equipment
*3	For models with dimmable instrument illumination
*4	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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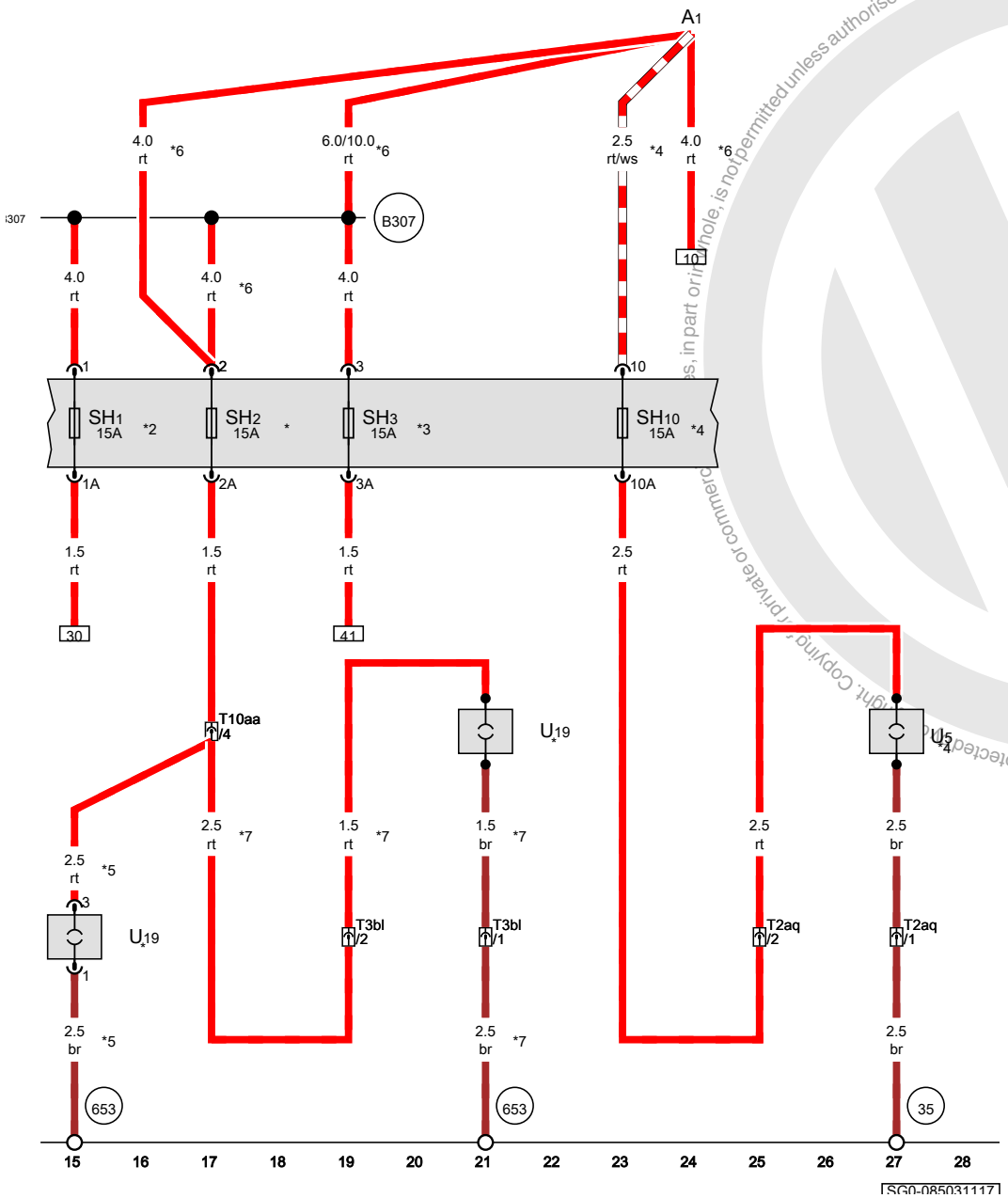
Second battery, Fuse 1 in fuse holder H, Fuse 2 in fuse holder H, Fuse 3 in fuse holder H, Fuse 10 in fuse holder H, 2-pin connector, 12 V socket, 12 V socket 3



A1	Second battery
SH1	Fuse 1 in fuse holder H
SH2	Fuse 2 in fuse holder H
SH3	Fuse 3 in fuse holder H
SH10	Fuse 10 in fuse holder H
T2aq	2-pin connector, black, Coupling point under front passenger seat
T3bl	3-pin connector, colourless, on left C-pillar
T10aa	10-pin connector, dark brown, under seat on front left
U5	12 V socket, near front passenger seat
U19	12 V socket 3, on left C-pillar
35	Earth point, under front passenger seat
653	Earth point, on left D-pillar
B307	Positive connection 11 (30), in main wiring harness
*	For models with 12 V socket on left C-pillar
*2	For models with 12 V socket on right C-pillar
*3	For models with 12 V socket on right D-pillar
*4	For models with refrigerator box
*5	For models with long wheelbase
*6	According to equipment
*7	For models with short wheelbase

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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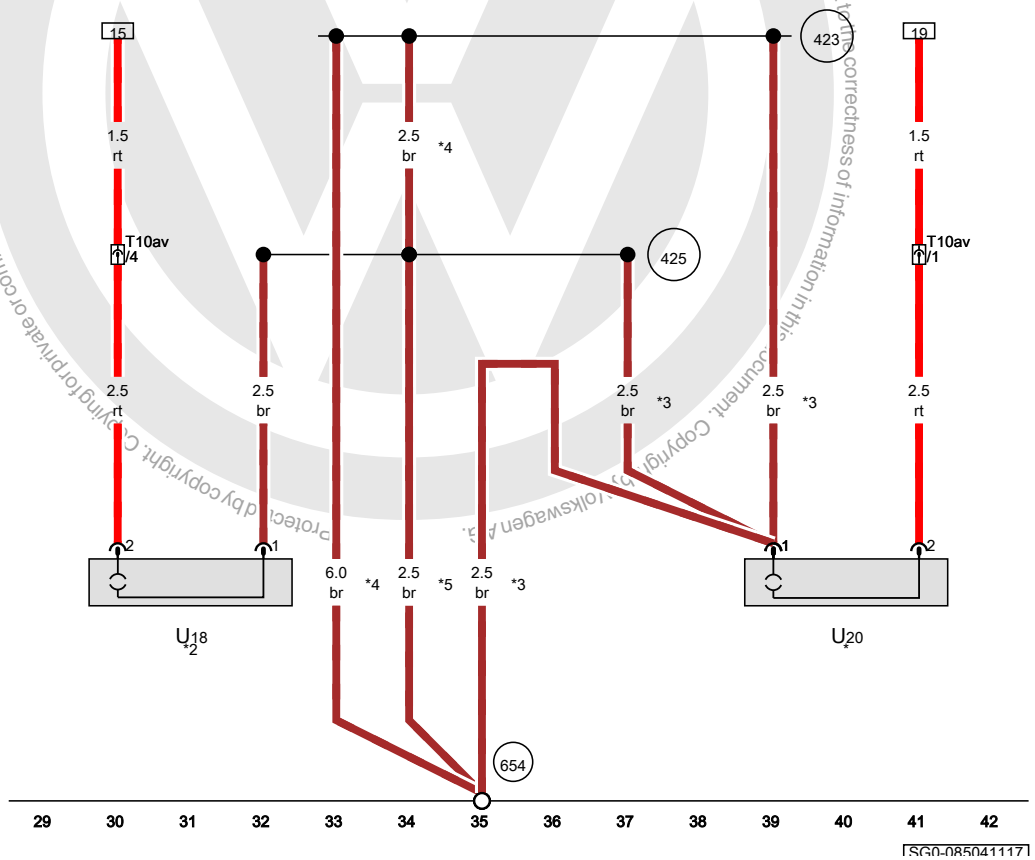
12 V socket 2, 12 V socket 4

T10av	10-pin connector, brown, under seat on front right
U18	12 V socket 2, on right C-pillar
U20	12 V socket 4, in right D-pillar
423	Earth connection 1, in right rear end wiring harness
425	Earth connection 2, in right rear end wiring harness
654	Earth point, on right D-pillar
*	For models with 12 V socket on right D-pillar
*2	For models with 12 V socket on right C-pillar
*3	According to equipment
*4	For models with electric sliding door/power latching system
*5	Cross-section 4.0 possible



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Taxi equipment , (F4E)

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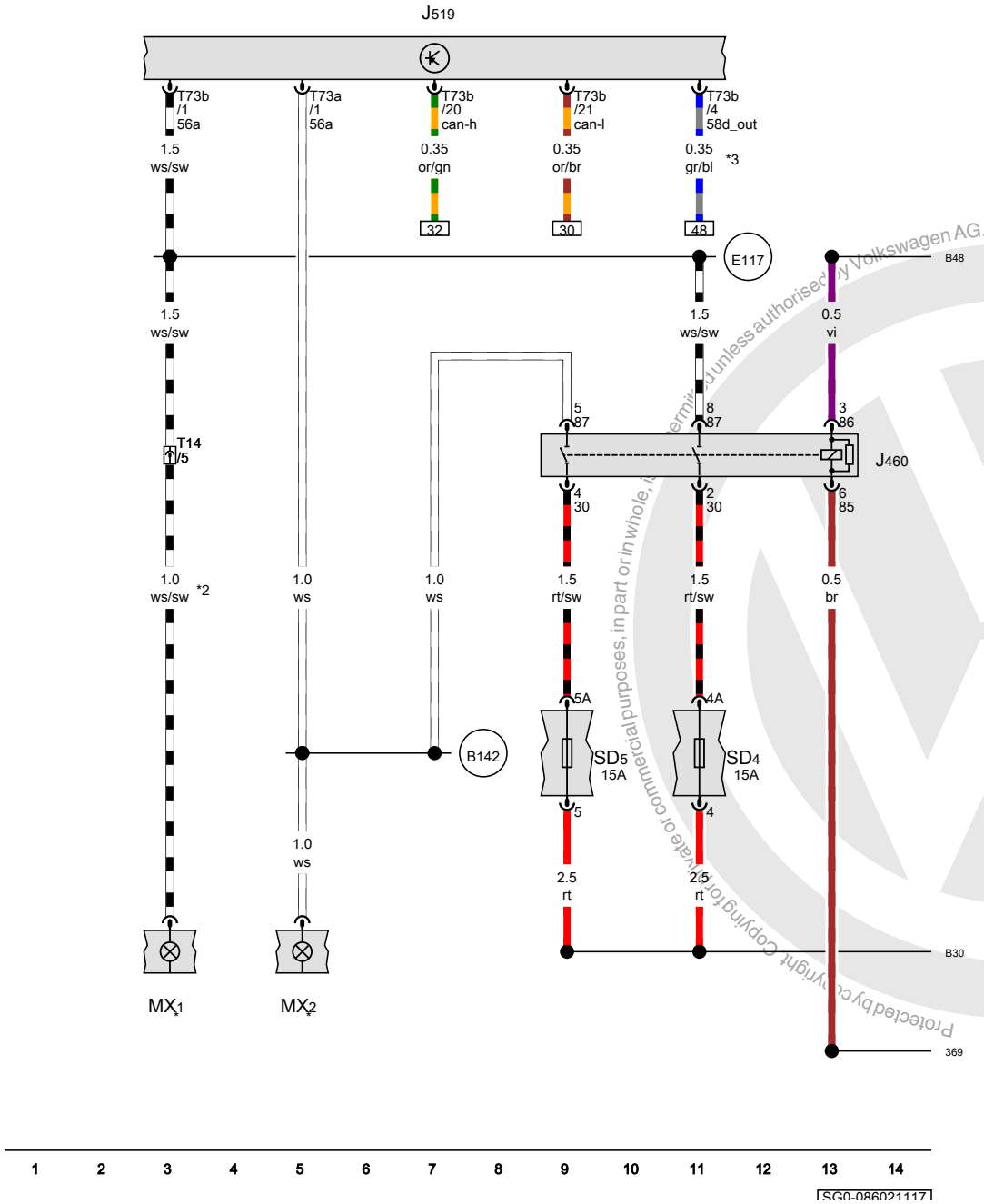
Alarm system relay 1, Onboard supply control unit, Fuse 4 on fuse holder D, Fuse 5 on fuse holder D



J460	Alarm system relay 1
J519	Onboard supply control unit
MX1	Front left headlight
MX2	Front right headlight
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T14	14-pin connector, black, near horn, dual tone horn
T73a	73-pin connector, black
T73b	73-pin connector, white
369	Earth connection 4, in main wiring harness
B142	Positive connection 2 (56a), in interior wiring harness
B302	Positive connection 6 (30), in main wiring harness
B481	Connection 17, in main wiring harness
E117	Connection (56a, left), in dash panel wiring harness
*	see applicable current flow diagram for headlights
*2	Cross-section 1.5 possible
*3	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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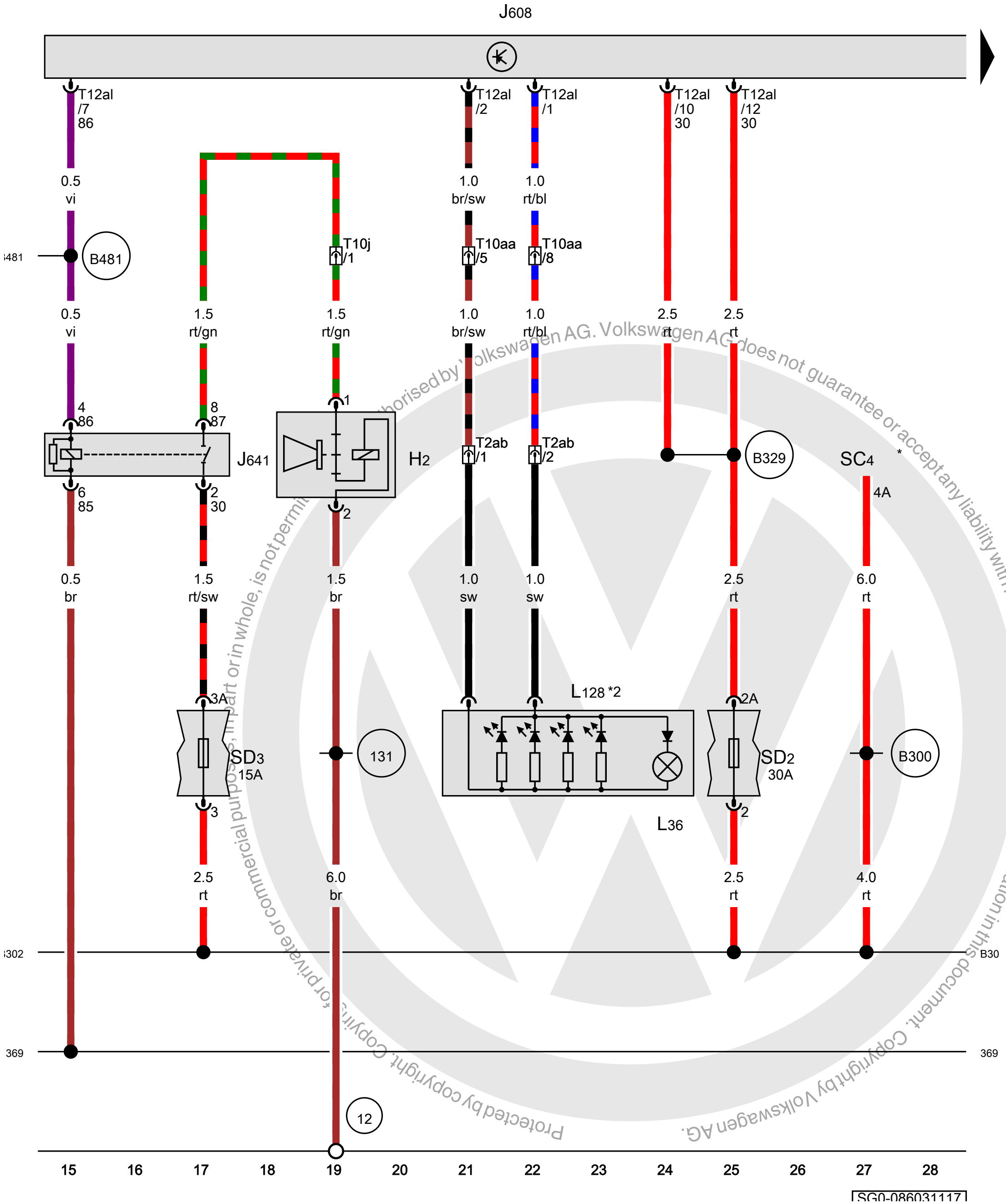

Special vehicle control unit, Alarm horn relay, Taxi roof sign light bulb, Taxi silent alarm bulb, Fuse 2 on fuse holder D, Fuse 3 on fuse holder D

H2	Treble horn
J608	Special vehicle control unit
J641	Alarm horn relay
L36	Taxi roof sign light bulb
L128	Taxi silent alarm bulb
SD2	Fuse 2 on fuse holder D
SD3	Fuse 3 on fuse holder D
SC4	Fuse 4 on fuse holder C
T2ab	2-pin connector, black, on upper section of left B-pillar
T10aa	10-pin connector, dark brown, under seat on front left
T10j	10-pin connector, dark brown, in E-box in engine compartment
T12al	12-pin connector, black, under front passenger seat
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
369	Earth connection 4, in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
B329	Positive connection 15 (30a) in main wiring harness
B481	Connection 17, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Special equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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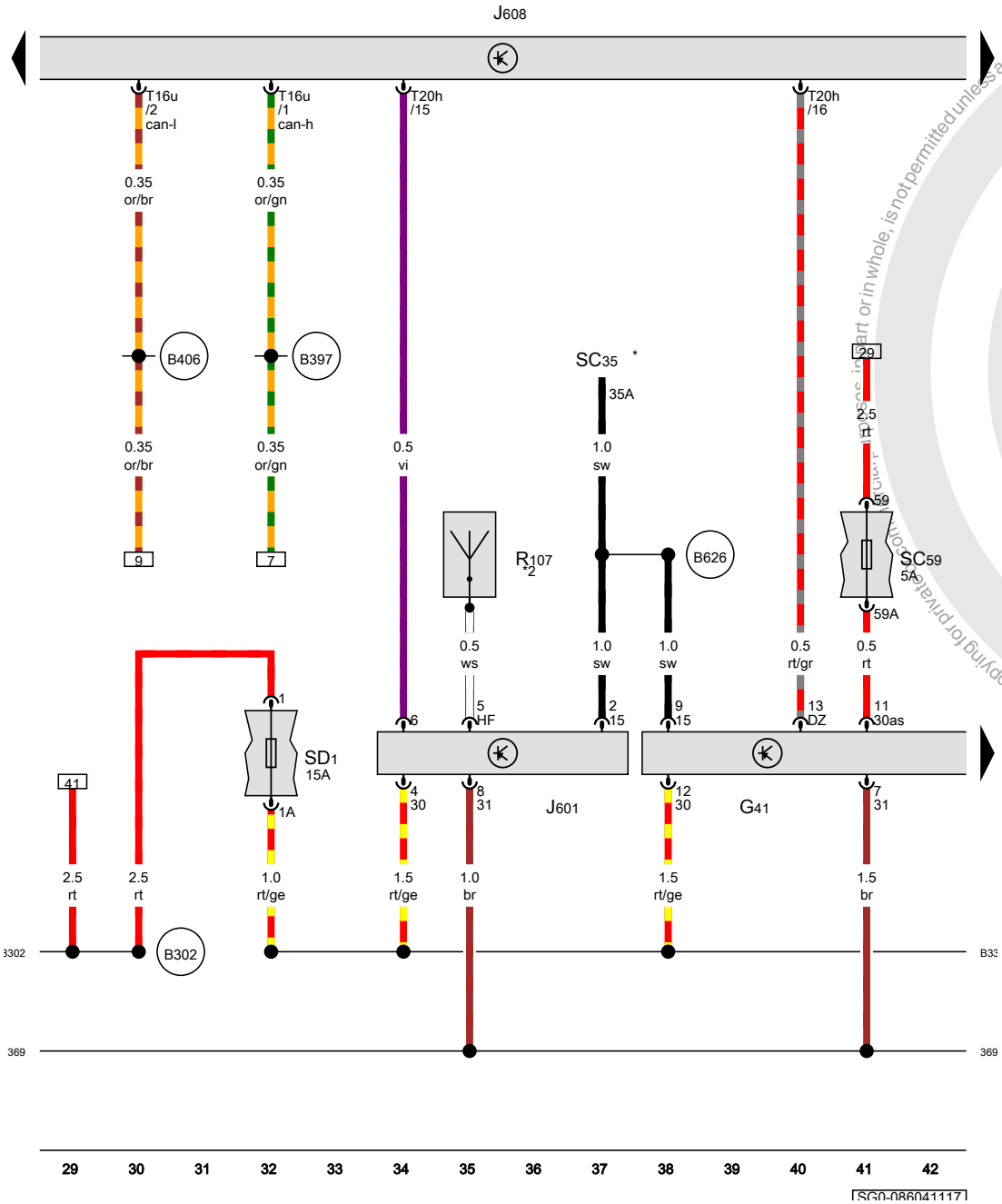

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Taximeter, Taxi alarm remote control, control unit, Special vehicle control unit, Remote controlled taxi alarm aerial, Fuse 1 on fuse holder D, Fuse 35 on fuse holder C, Fuse 59 on fuse holder C

G41	Taximeter
J601	Taxi alarm remote control, control unit
J608	Special vehicle control unit
R107	Remote controlled taxi alarm aerial
SD1	Fuse 1 on fuse holder D
SC35	Fuse 35 on fuse holder C
SC59	Fuse 59 on fuse holder C
T16u	16-pin connector, brown, under front passenger seat
T20h	20-pin connector, red, under front passenger seat
369	Earth connection 4, in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
B330	Positive connection 16 (30a) in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B626	Positive connection 2 (15), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Wiring open end

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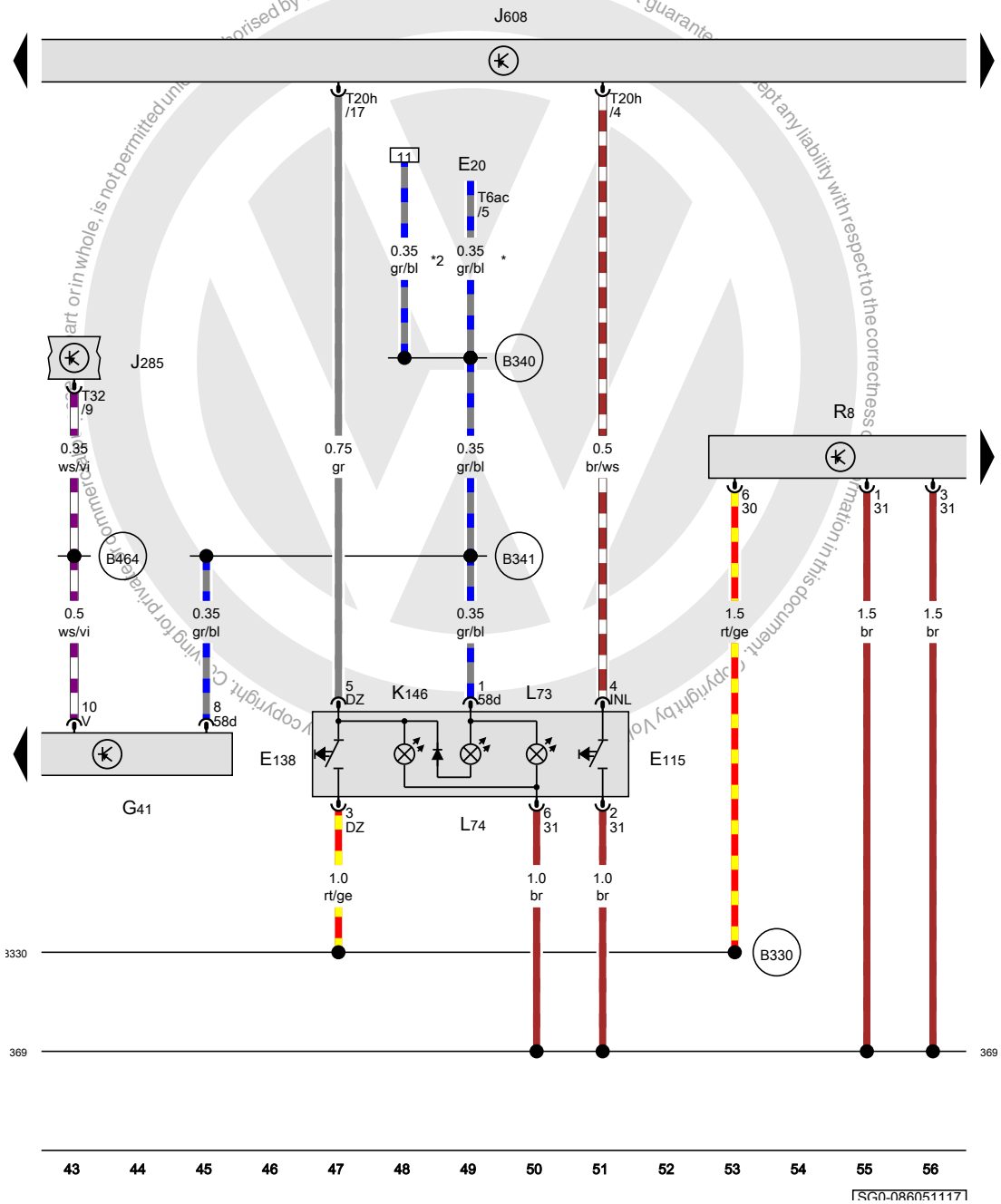
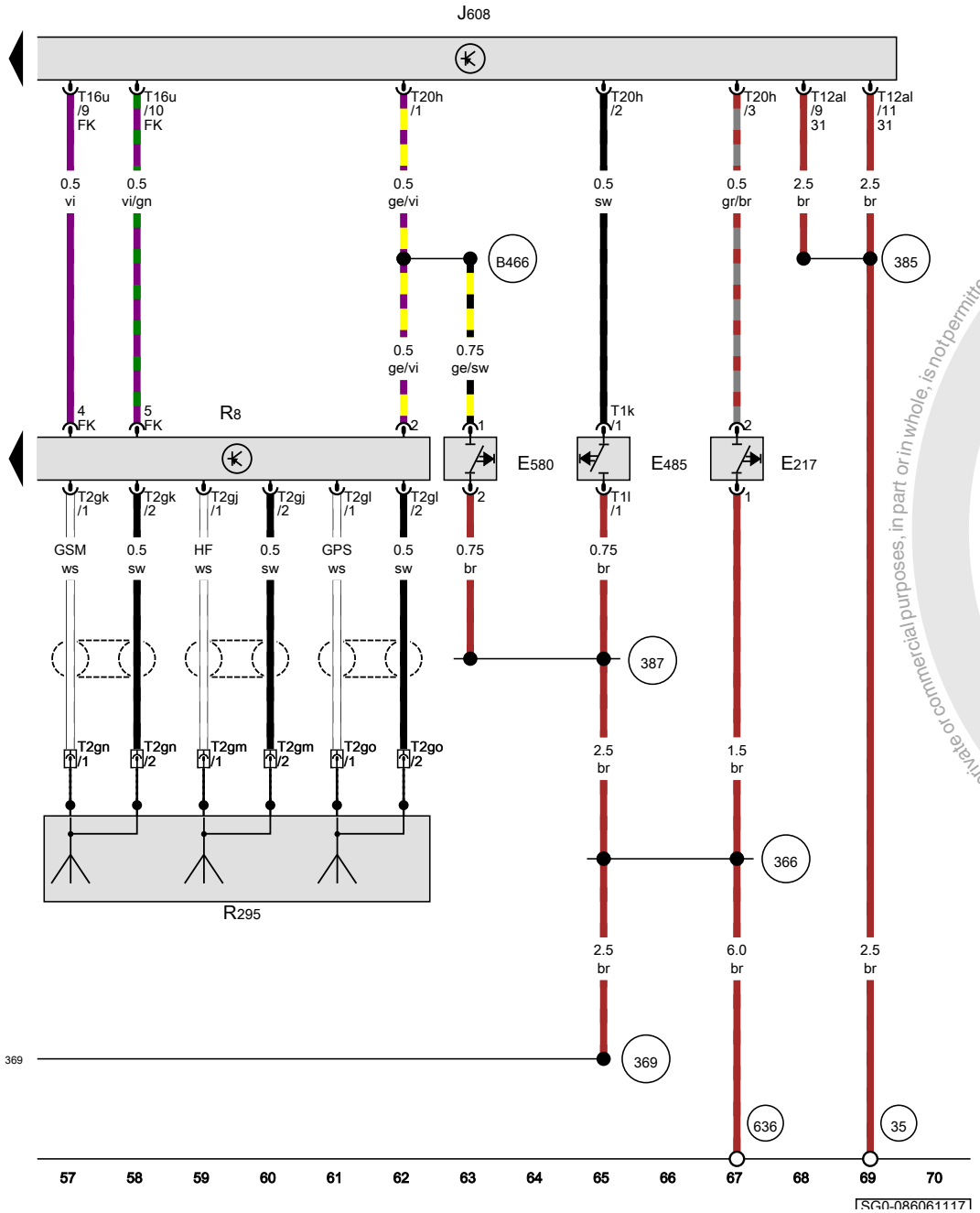


ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Switch and instrument illumination regulator, Interior light switch (taxi), Taxi sign switch, Taximeter, Control unit in dash panel insert, Special vehicle control unit, Two-way radio

E20	Switch and instrument illumination regulator
E115	Interior light switch (taxi)
E138	Taxi sign switch
G41	Taximeter
J285	Control unit in dash panel insert
J608	Special vehicle control unit
K146	Roof sign warning lamp
L73	Interior light switch illumination bulb (taxi)
L74	Taxi sign switch illumination bulb
R8	Two-way radio, in glove compartment
T6ac	6-pin connector, black
T20h	20-pin connector, red, under front passenger seat
T32	32-pin connector, blue
369	Earth connection 4, in main wiring harness
B330	Positive connection 16 (30a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B464	Connection (speed signal), in main wiring harness
*	For models with dimmable instrument illumination
*2	For models with no dimmable instrument illumination

Alarm system off switch, Taxi alarm active button, Passive Taxi alarm button, Special vehicle control unit, Two-way radio, Two-way radio aerial



E217	Alarm system off switch	
E485	Taxi alarm active button	
E580	Passive Taxi alarm button	
J608	Special vehicle control unit	
R8	Two-way radio, in glove compartment	
R295	Two-way radio aerial, in rear part of roof	
T1k	1-pin connector, colourless	
T1l	1-pin connector, colourless	
T2gj	2-pin connector	
T2gk	2-pin connector, purple	
T2gl	2-pin connector, blue	
T2gm	2-pin connector, yellow, in rear part of roof	
T2gn	2-pin connector, purple, in rear part of roof	
T2go	2-pin connector, blue, in rear part of roof	
T12al	12-pin connector, black, under front passenger seat	
T16u	16-pin connector, brown, under front passenger seat	
T20h	20-pin connector, red, under front passenger seat	
35	Earth point, under front passenger seat	
366	Earth connection 1, in main wiring harness	
369	Earth connection 4, in main wiring harness	
385	Earth connection 20, in main wiring harness	
387	Earth connection 22, in main wiring harness	
636	Earth point, onboard supply control unit	
B466	Connection 2, in main wiring harness	

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Interface for external use , CFCA,CJKA,CJKB,CXEB,CXFA,CXGA,CXGB,CXHA,(IS1),(IS2),(IS7)

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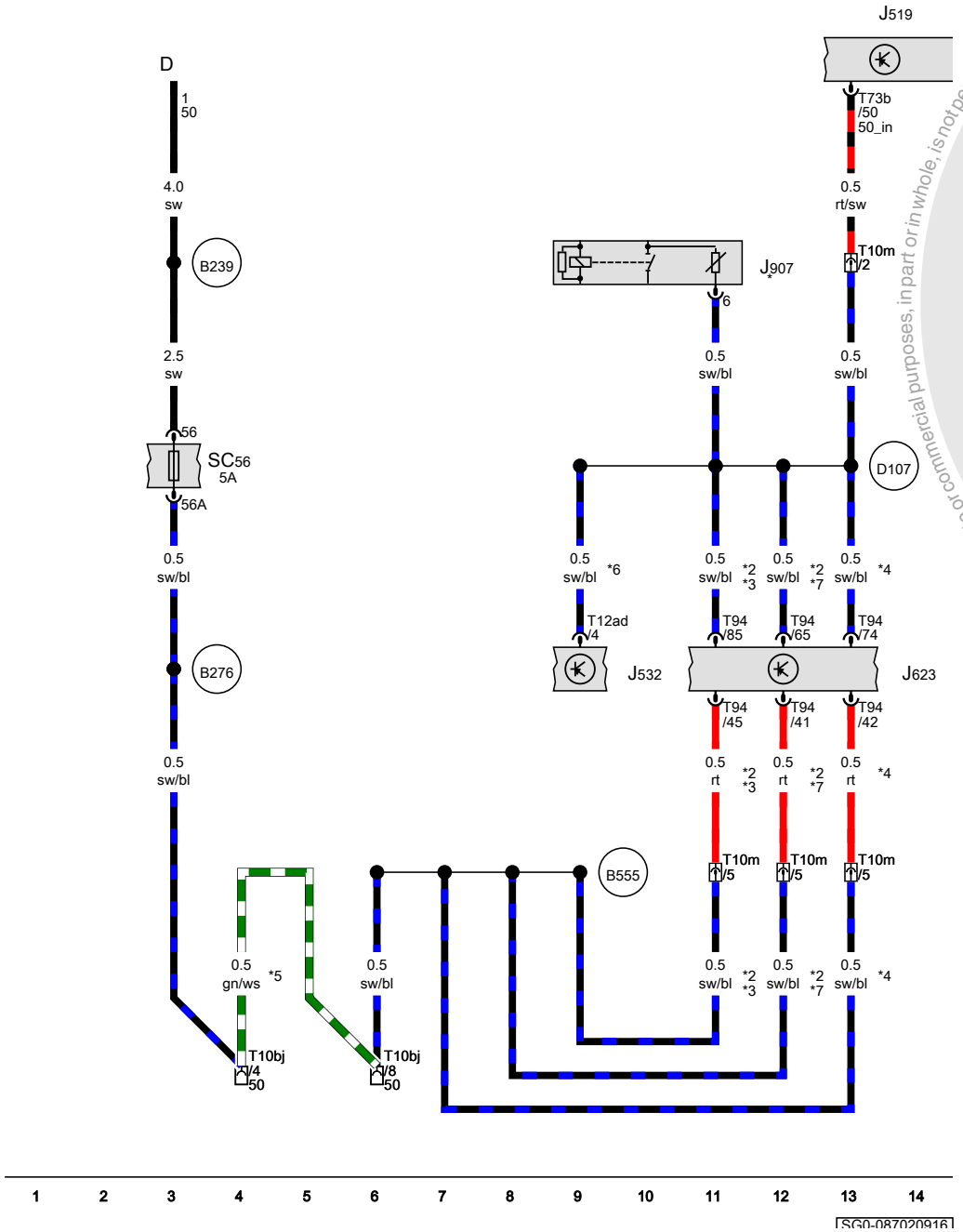

Ignition/starter switch, Onboard supply control unit, Voltage stabiliser, Fuse 56 on fuse holder C

D	Ignition/starter switch
J519	Onboard supply control unit
J532	Voltage stabiliser
J623	Engine control unit
J907	Starter relay 2
SC56	Fuse 56 on fuse holder C
T10bj	10-pin connector, yellow, under seat on front left
T10m	10-pin connector, light pink, in E-box
T12ad	12-pin connector, black
T73b	73-pin connector, white
T94	94-pin connector, black
B239	Positive connection 1 (50), in interior wiring harness
B276	Positive connection (50), in main wiring harness
B555	Positive connection 2 (50), in main wiring harness
D107	Connection 5 in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	Only models with diesel engine
*3	Only models with Euro 5 emission standard
*4	Only models with petrol engine
*5	Wire could be cut by special vehicle manufacturer
*6	Only models with start/stop system
*7	Only models with Euro 6 emission standard

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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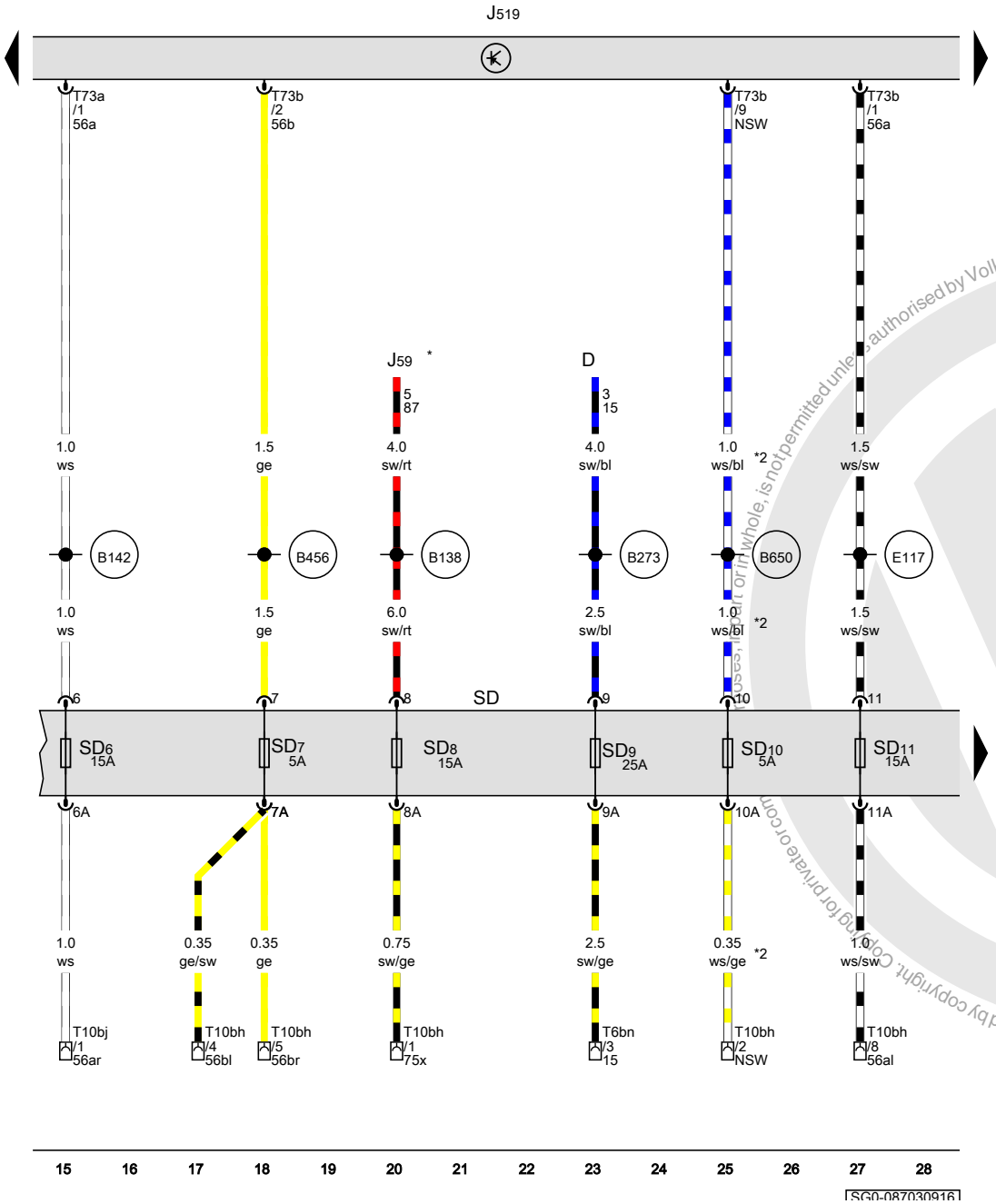

Ignition/starter switch, X-contact relief relay, Onboard supply control unit, Fuse holder D

D	Ignition/starter switch
J59	X-contact relief relay
J519	Onboard supply control unit
SD	Fuse holder D
SD6	Fuse 6 on fuse holder D
SD7	Fuse 7 on fuse holder D
SD8	Fuse 8 on fuse holder D
SD9	Fuse 9 on fuse holder D
SD10	Fuse 10 on fuse holder D
SD11	Fuse 11 on fuse holder D
T6bn	6-pin connector, grey, under seat on front left
T10bh	10-pin connector, purple, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
B138	Positive connection (X), in interior wiring harness
B142	Positive connection 2 (56a), in interior wiring harness
B273	Positive connection (15), in main wiring harness
B456	Connection (56b), in main wiring harness
B650	Connection 8, in interior wiring harness
E117	Connection (56a, left), in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with fog lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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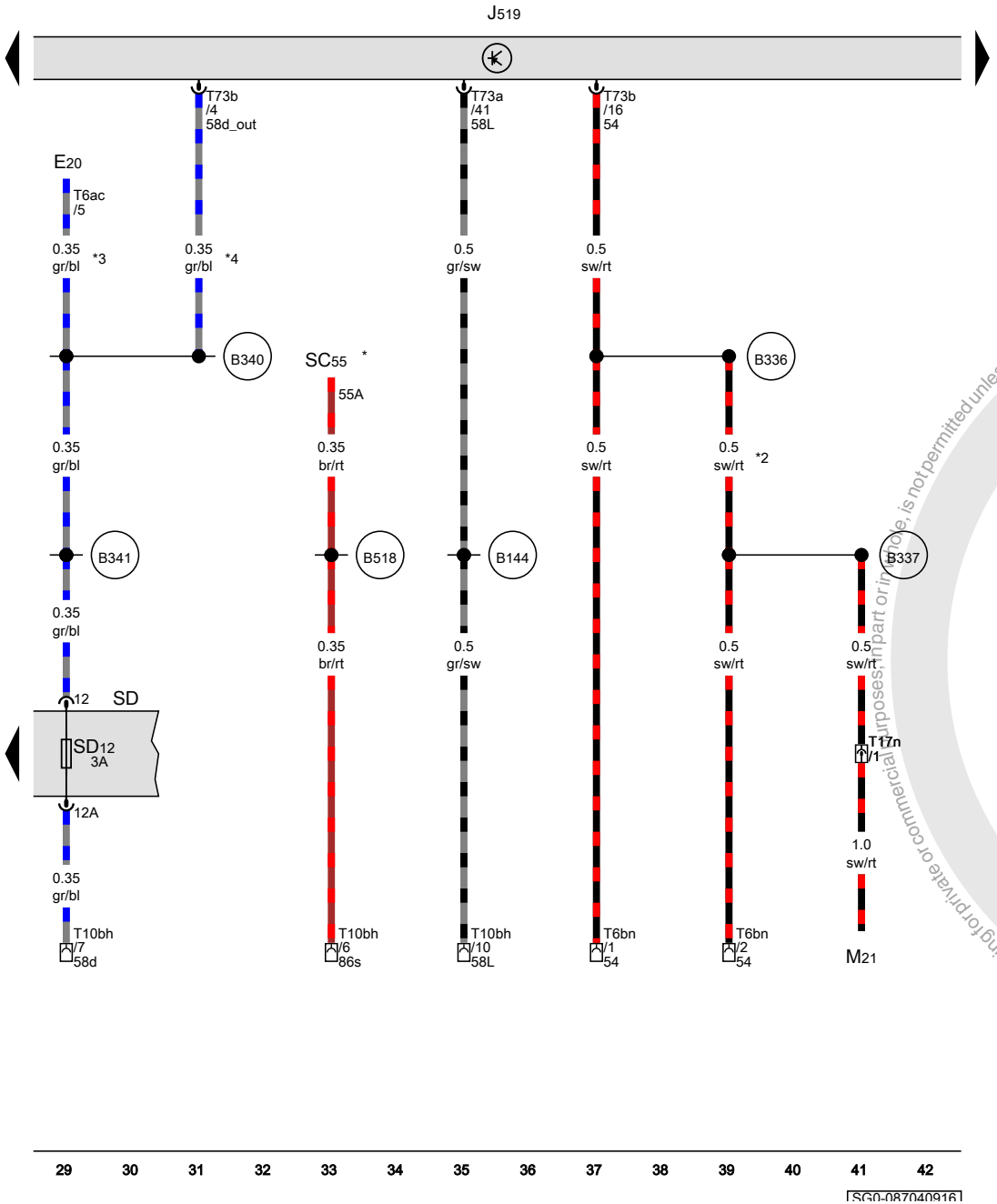

Switch and instrument illumination regulator, Onboard supply control unit, Fuse holder D

E20	Switch and instrument illumination regulator
J519	Onboard supply control unit
M21	Left brake and tail light bulb
SC55	Fuse 55 on fuse holder C
SD	Fuse holder D
SD12	Fuse 12 on fuse holder D
T6ac	6-pin connector, black
T6bn	6-pin connector, grey, under seat on front left
T10bh	10-pin connector, purple, under seat on front left
T17n	17-pin connector, light green, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
B144	Positive connection (58L), in interior wiring harness
B336	Connection 2 (54), in main wiring harness
B337	Connection 3 (54), in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B518	Connection (86s), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Wire could be cut by special vehicle manufacturer
*3	Only models with dimmable instrument illumination
*4	Only models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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ge	=	yellow
or	=	orange
rs	=	pink

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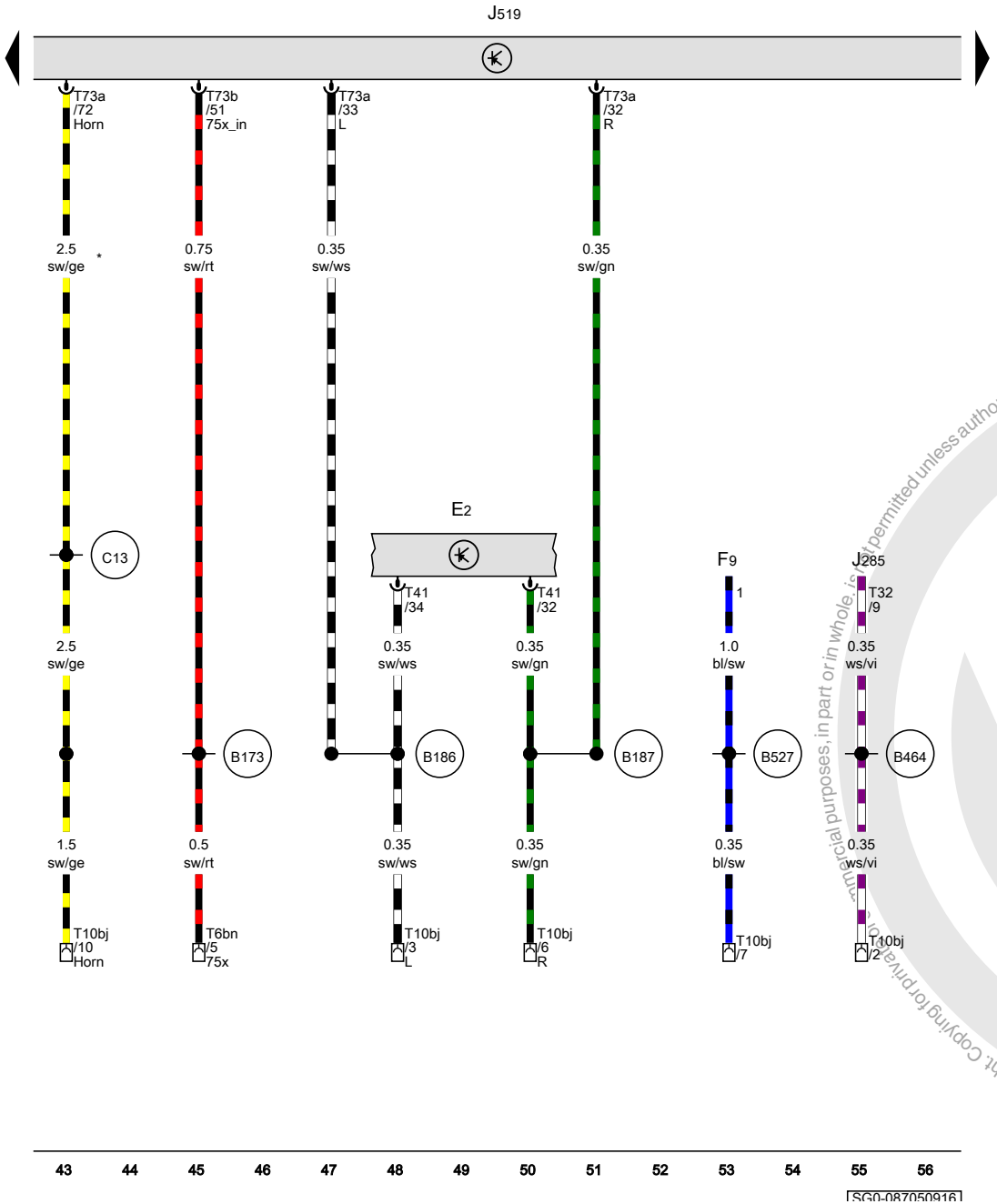
Turn signal switch, Handbrake warning switch, Control unit in dash panel insert, Onboard supply control unit



E2	Turn signal switch
F9	Handbrake warning switch
J285	Control unit in dash panel insert
J519	Onboard supply control unit
T6bn	6-pin connector, grey, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T32	32-pin connector, blue
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
B173	Positive connection 2 (X), in interior wiring harness
B186	Connection 2 (LTS), in interior wiring harness
B187	Connection 2 (RTS), in interior wiring harness
B464	Connection (speed signal), in main wiring harness
B527	Connection (handbrake), in main wiring harness
C13	Positive connection in dual tone horn wiring harness
*	Only models with no special police equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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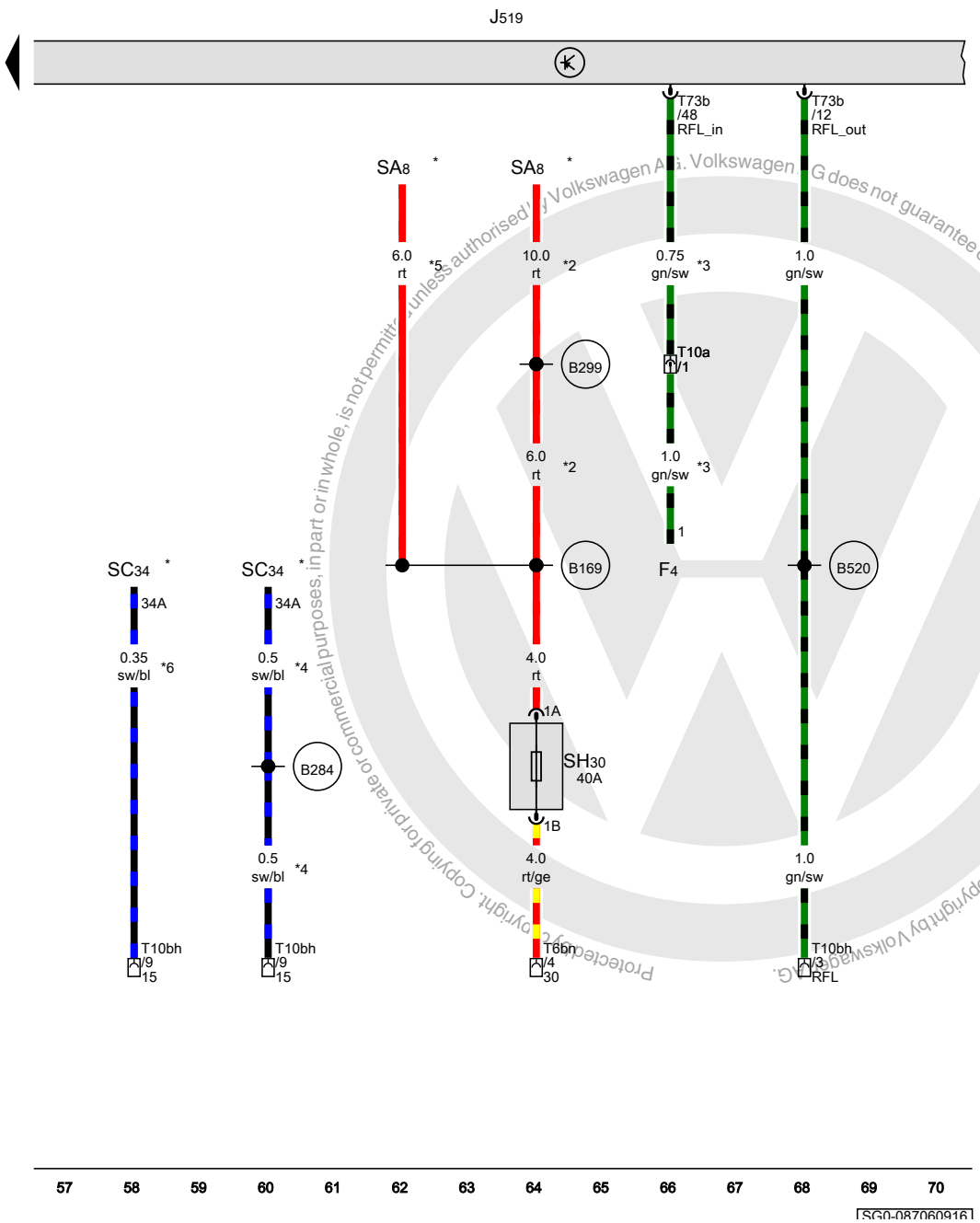
Reversing light switch, Onboard supply control unit, Fuse 8 on fuse holder A, Fuse 30 in fuse holder H, Fuse 34 on fuse holder C



F4	Reversing light switch	
J519	Onboard supply control unit	
SA8	Fuse 8 on fuse holder A	
SH30	Fuse 30 in fuse holder H	
SC34	Fuse 34 on fuse holder C	
T6bn	6-pin connector, grey, under seat on front left	
T10a	10-pin connector, brown, in E-box	
T10bh	10-pin connector, purple, under seat on front left	
T73b	73-pin connector, white	
B169	Positive connection 1 (30), in interior wiring harness	
B284	Positive connection 8 (15a) in main wiring harness	
B299	Positive connection 3 (30), in main wiring harness	
B520	Connection (RL), in main wiring harness	
*	see applicable current flow diagram for fuse assignment	
*2	Only models with no second battery	
*3	Only models with manual gearbox	
*4	Only models with internet access	
*5	Only models with second battery	
*6	According to equipment	

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Interface for external use , CAAA,CAAB,CAAC,(7L3),(IS1),(IS2),(IS7)

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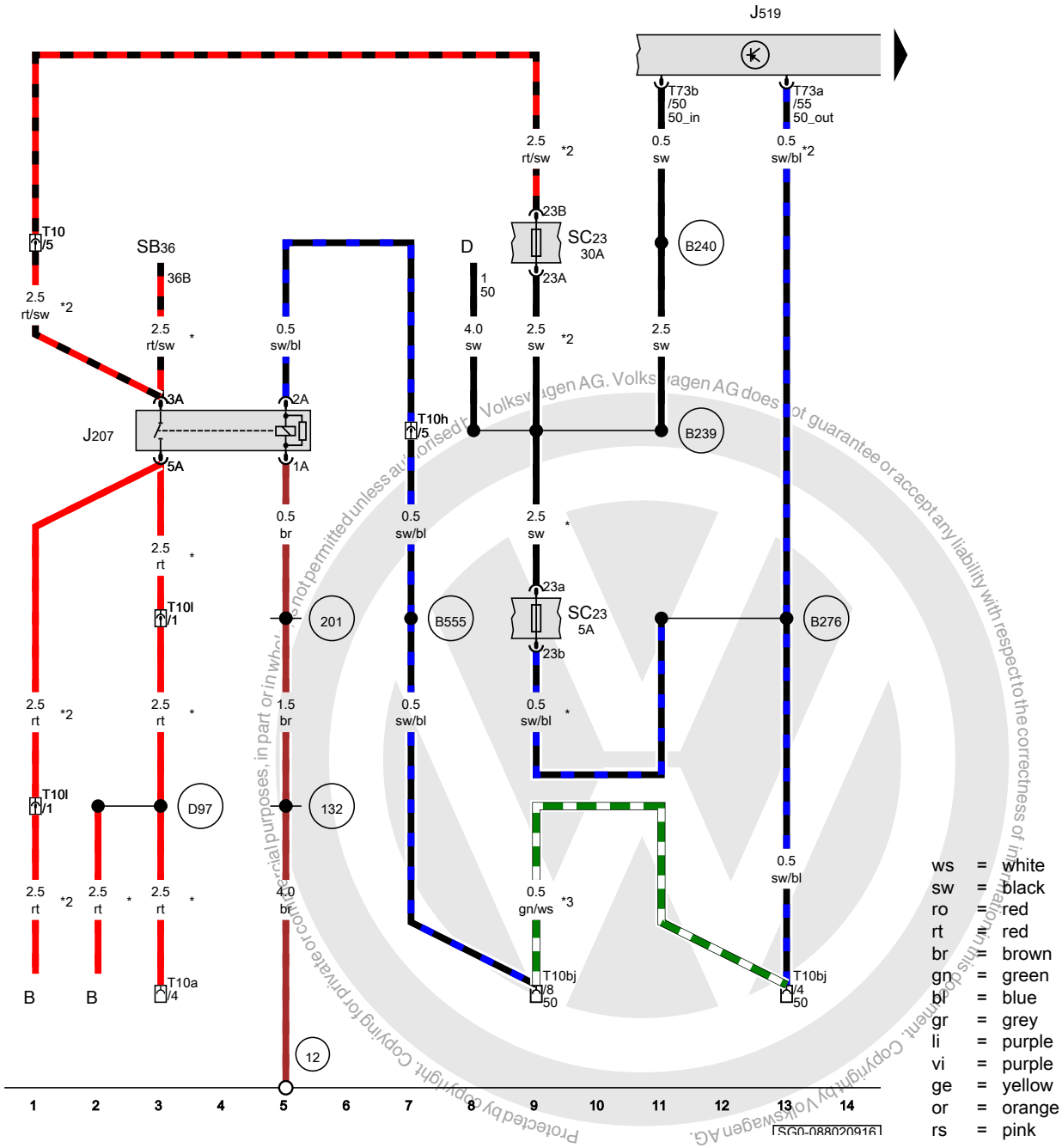

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Ignition/starter switch, Starter inhibitor relay, Onboard supply control unit, Fuse 23 on fuse holder C, Fuse 36 on fuse holder B

B	Starter
D	Ignition/starter switch
J207	Starter inhibitor relay
J519	Onboard supply control unit
SC23	Fuse 23 on fuse holder C
SB36	Fuse 36 on fuse holder B
T10	10-pin connector, black, in E-box
T10a	10-pin connector, brown, in E-box
T10bj	10-pin connector, yellow, under seat on front left
T10h	10-pin connector, orange, in E-box
T10l	10-pin connector, light green, in E-box
T73a	73-pin connector, black
T73b	73-pin connector, white
12	Earth point, on left in engine compartment
132	Earth connection 3, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
B239	Positive connection 1 (50), in interior wiring harness
B240	Positive connection 2 (50), in interior wiring harness
B276	Positive connection (50), in main wiring harness
B555	Positive connection 2 (50), in main wiring harness
D97	Connection (50), in engine compartment right wiring harness
*	Only models with manual gearbox
*2	Only models with dual clutch gearbox (DSG)
*3	Wire could be cut by special vehicle manufacturer

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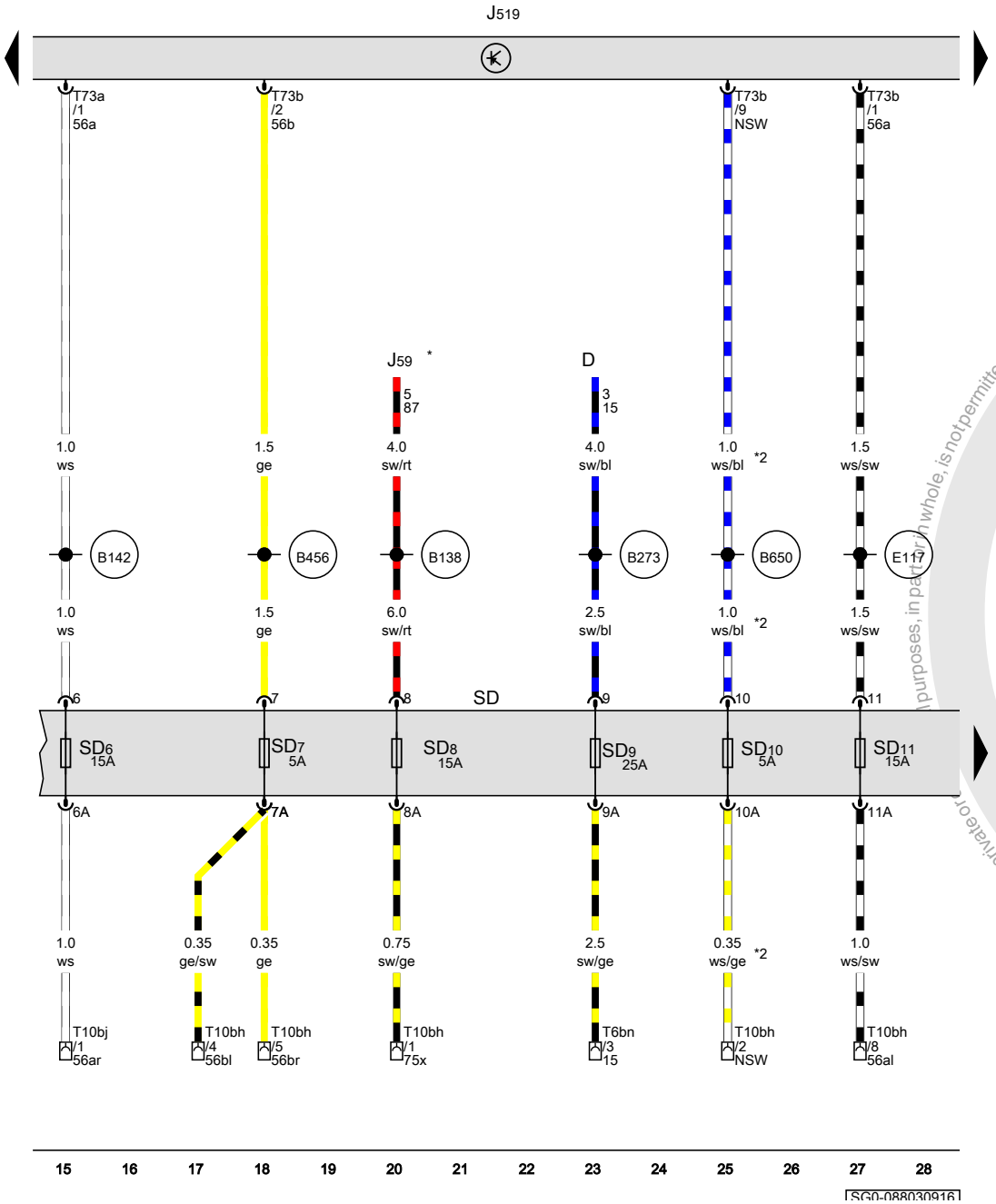

Onboard supply control unit, Fuse holder D

D	Ignition/starter switch
J59	X-contact relief relay
J519	Onboard supply control unit
SD	Fuse holder D
SD6	Fuse 6 on fuse holder D
SD7	Fuse 7 on fuse holder D
SD8	Fuse 8 on fuse holder D
SD9	Fuse 9 on fuse holder D
SD10	Fuse 10 on fuse holder D
SD11	Fuse 11 on fuse holder D
T6bn	6-pin connector, grey, under seat on front left
T10bh	10-pin connector, purple, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
B138	Positive connection (X), in interior wiring harness
B142	Positive connection 2 (56a), in interior wiring harness
B273	Positive connection (15), in main wiring harness
B456	Connection (56b), in main wiring harness
B650	Connection 8, in interior wiring harness
E117	Connection (56a, left), in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with fog lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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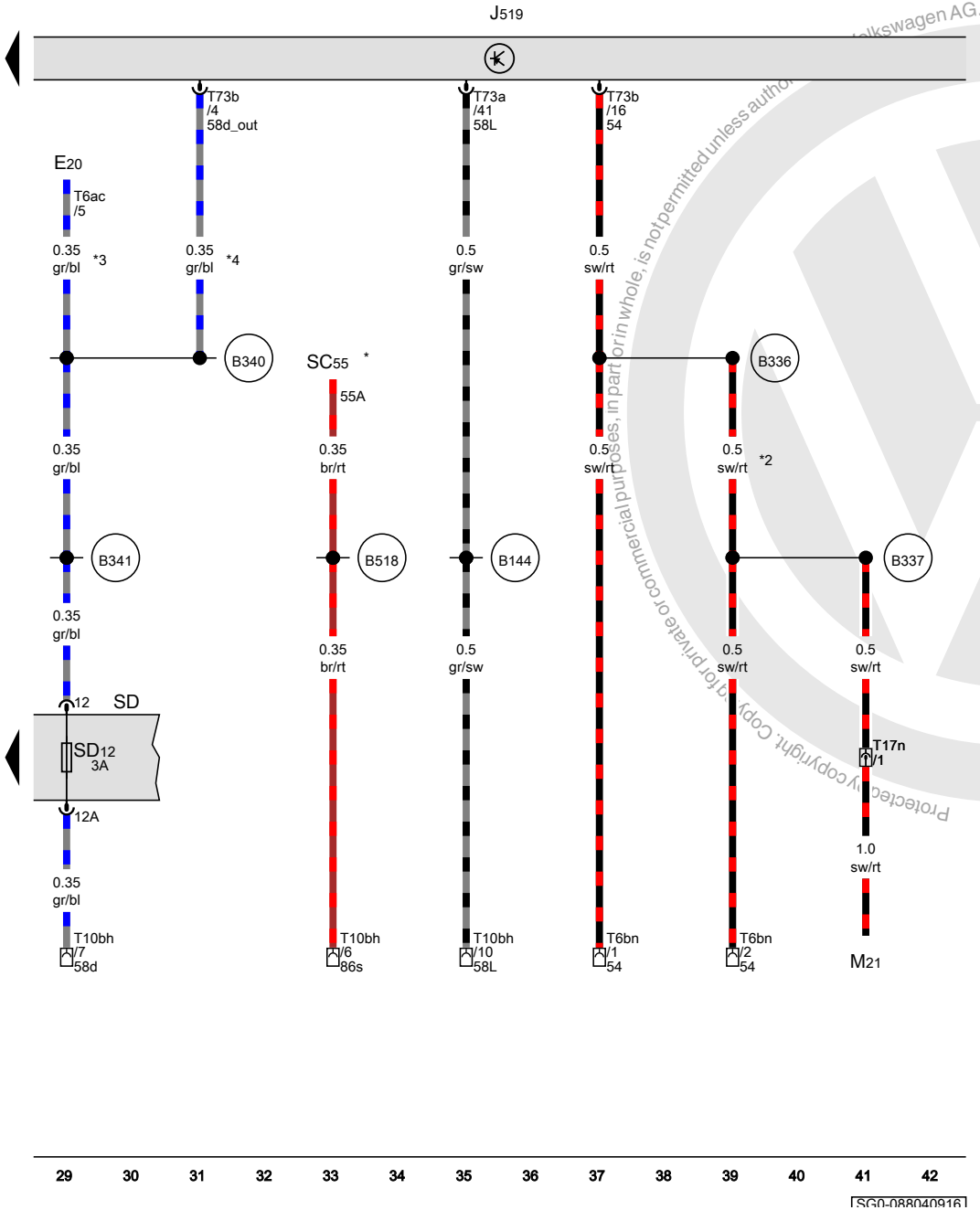

Switch and instrument illumination regulator, Onboard supply control unit, Fuse holder D

E20	Switch and instrument illumination regulator
J519	Onboard supply control unit
M21	Left brake and tail light bulb
SC55	Fuse 55 on fuse holder C
SD	Fuse holder D
SD12	Fuse 12 on fuse holder D
T6ac	6-pin connector, black
T6bn	6-pin connector, grey, under seat on front left
T10bh	10-pin connector, purple, under seat on front left
T17n	17-pin connector, light green, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
B144	Positive connection (58L), in interior wiring harness
B336	Connection 2 (54), in main wiring harness
B337	Connection 3 (54), in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B518	Connection (86s), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Wire could be cut by special vehicle manufacturer
*3	Only models with dimmable instrument illumination
*4	Only models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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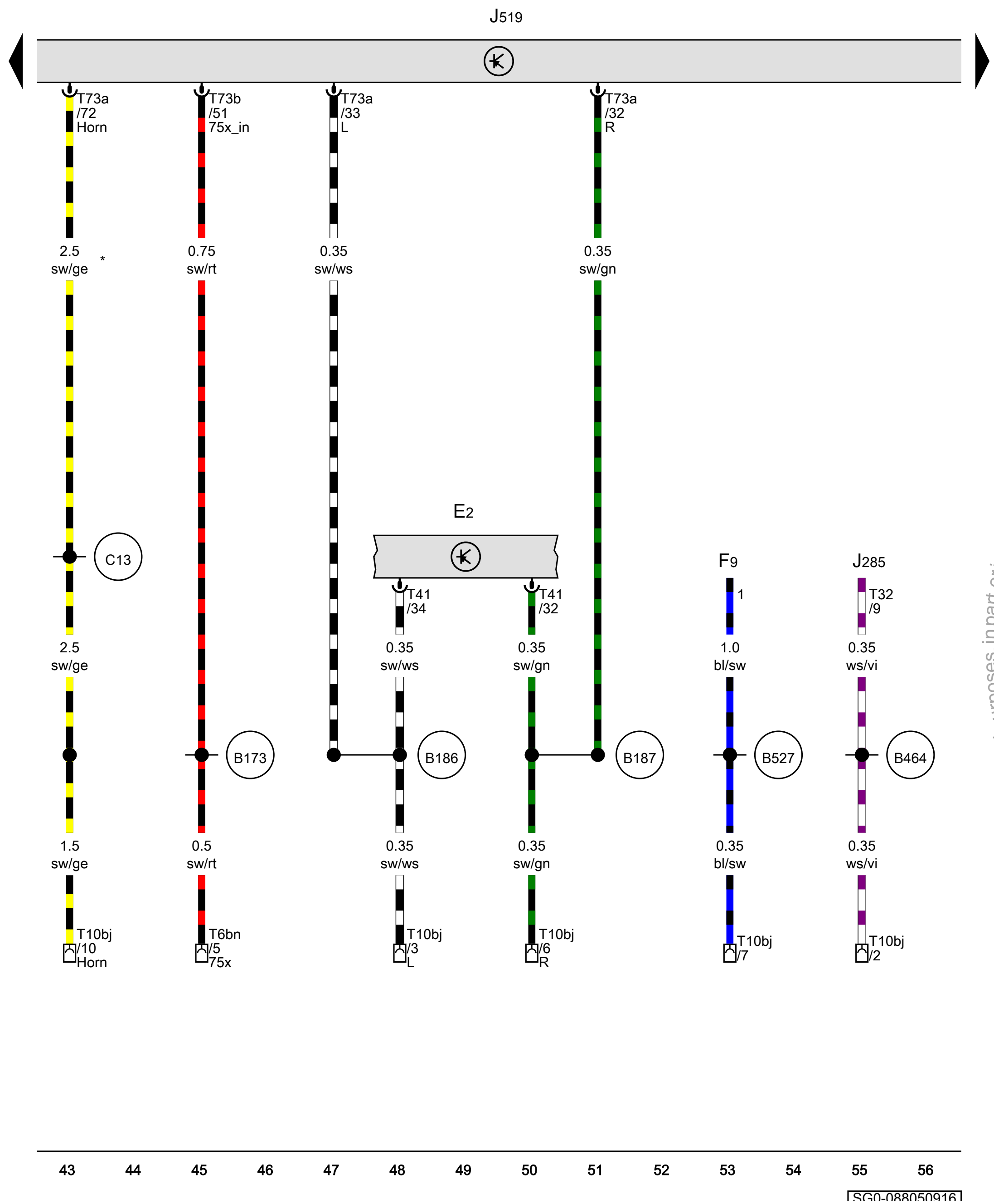
Turn signal switch, Handbrake warning switch, Control unit in dash panel insert, Onboard supply control unit



E2	Turn signal switch
F9	Handbrake warning switch
J285	Control unit in dash panel insert
J519	Onboard supply control unit
T6bn	6-pin connector, grey, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T32	32-pin connector, blue
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
B173	Positive connection 2 (X), in interior wiring harness
B186	Connection 2 (LTS), in interior wiring harness
B187	Connection 2 (RTS), in interior wiring harness
B464	Connection (speed signal), in main wiring harness
B527	Connection (handbrake), in main wiring harness
C13	Positive connection in dual tone horn wiring harness
*	Only models with no special police equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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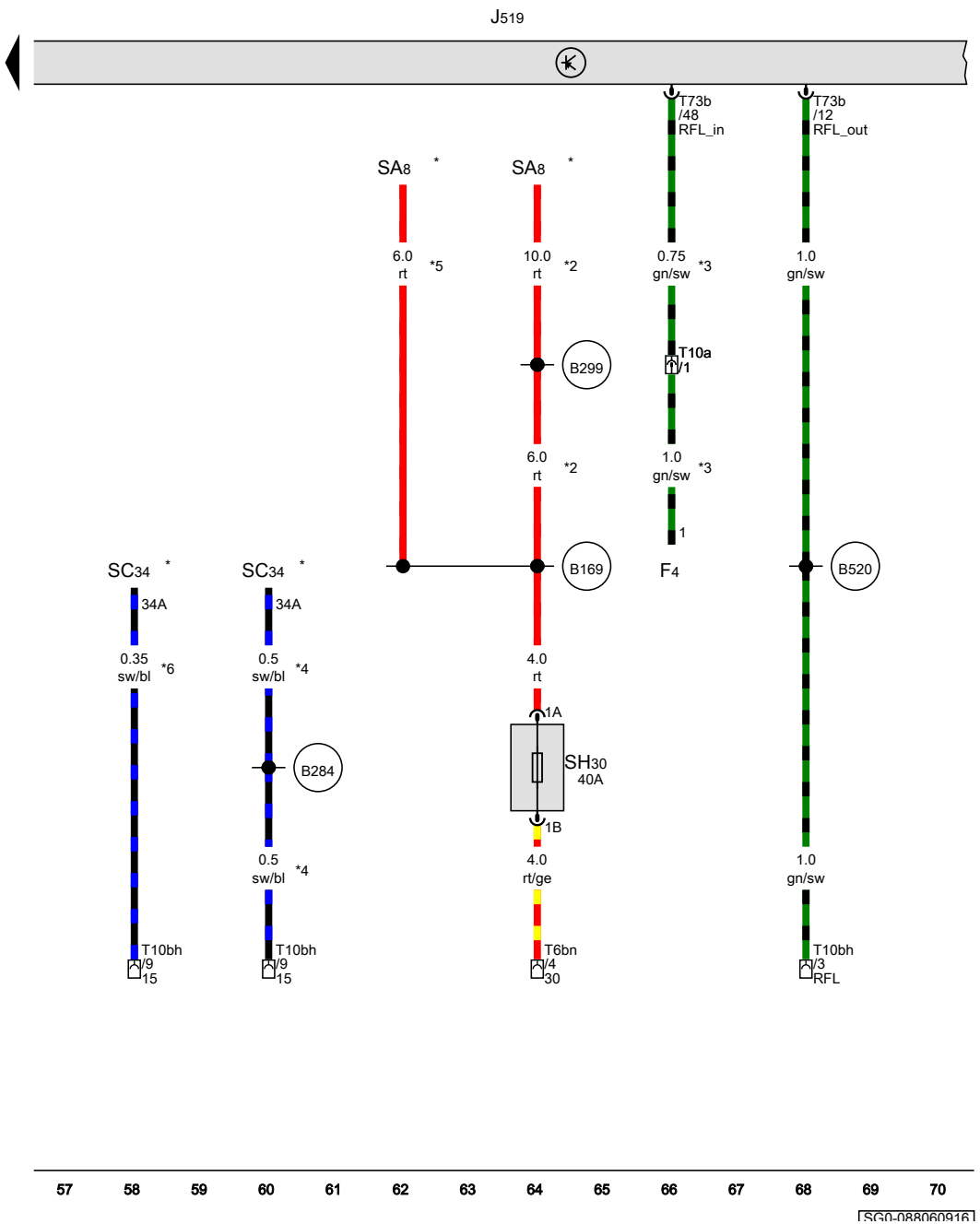

Reversing light switch, Onboard supply control unit, Fuse 8 on fuse holder A, Fuse 30 in fuse holder H, Fuse 34 on fuse holder C

F4	Reversing light switch
J519	Onboard supply control unit
SA8	Fuse 8 on fuse holder A
SH30	Fuse 30 in fuse holder H
SC34	Fuse 34 on fuse holder C
T6bn	6-pin connector, grey, under seat on front left
T10a	10-pin connector, brown, in E-box
T10bh	10-pin connector, purple, under seat on front left
T73b	73-pin connector, white
B169	Positive connection 1 (30), in interior wiring harness
B284	Positive connection 8 (15a) in main wiring harness
B299	Positive connection 3 (30), in main wiring harness
B520	Connection (RL), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with no second battery
*3	Only models with manual gearbox
*4	Only models with internet access
*5	Only models with second battery
*6	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Interface for external use , CAAA,CAAB,CAAC,(7L6),(IS1),(IS2),(IS7)

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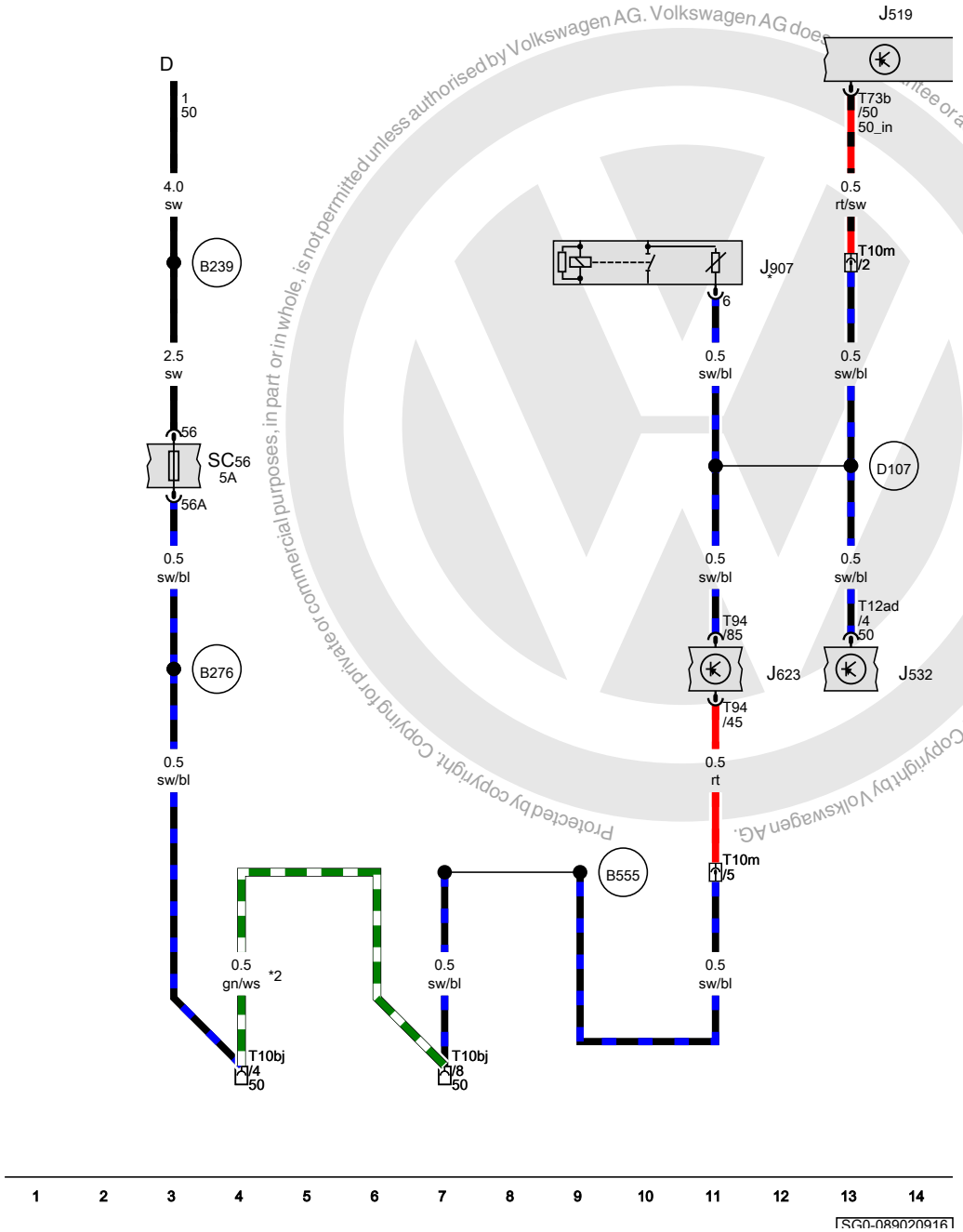
Ignition/starter switch, Onboard supply control unit, Voltage stabiliser, Fuse 56 on fuse holder C



D	Ignition/starter switch
J519	Onboard supply control unit
J532	Voltage stabiliser
J623	Engine control unit
J907	Starter relay 2
SC56	Fuse 56 on fuse holder C
T10bj	10-pin connector, yellow, under seat on front left
T10m	10-pin connector, light pink, in E-box
T12ad	12-pin connector, black
T73b	73-pin connector, white
T94	94-pin connector, black
B239	Positive connection 1 (50), in interior wiring harness
B276	Positive connection (50), in main wiring harness
B555	Positive connection 2 (50), in main wiring harness
D107	Connection 5 in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	Wire could be cut by special vehicle manufacturer

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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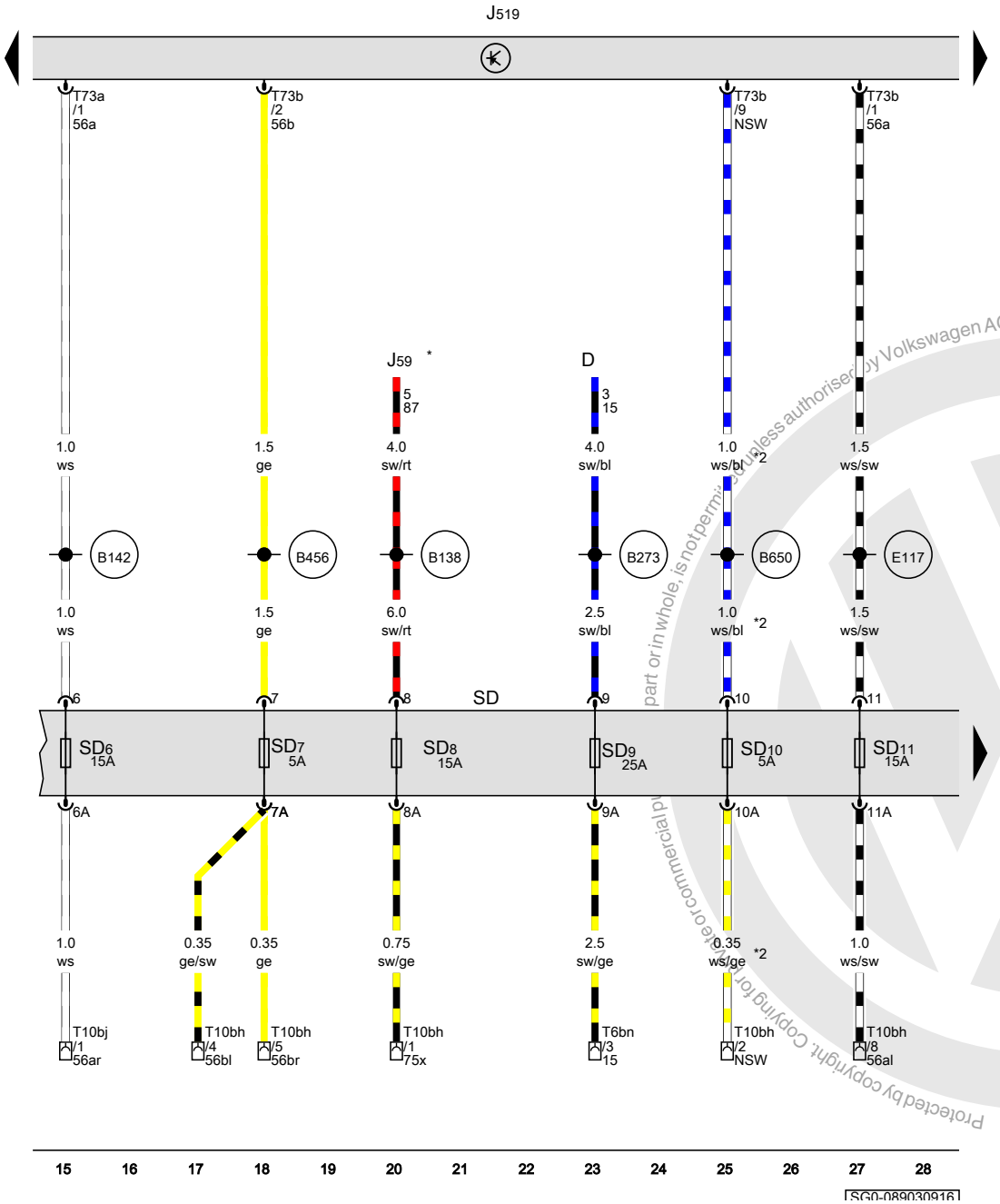

Onboard supply control unit, Fuse holder D

D	Ignition/starter switch
J59	X-contact relief relay
J519	Onboard supply control unit
SD	Fuse holder D
SD6	Fuse 6 on fuse holder D
SD7	Fuse 7 on fuse holder D
SD8	Fuse 8 on fuse holder D
SD9	Fuse 9 on fuse holder D
SD10	Fuse 10 on fuse holder D
SD11	Fuse 11 on fuse holder D
T6bn	6-pin connector, grey, under seat on front left
T10bh	10-pin connector, purple, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
B138	Positive connection (X), in interior wiring harness
B142	Positive connection 2 (56a), in interior wiring harness
B273	Positive connection (15), in main wiring harness
B456	Connection (56b), in main wiring harness
B650	Connection 8, in interior wiring harness
E117	Connection (56a, left), in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with fog lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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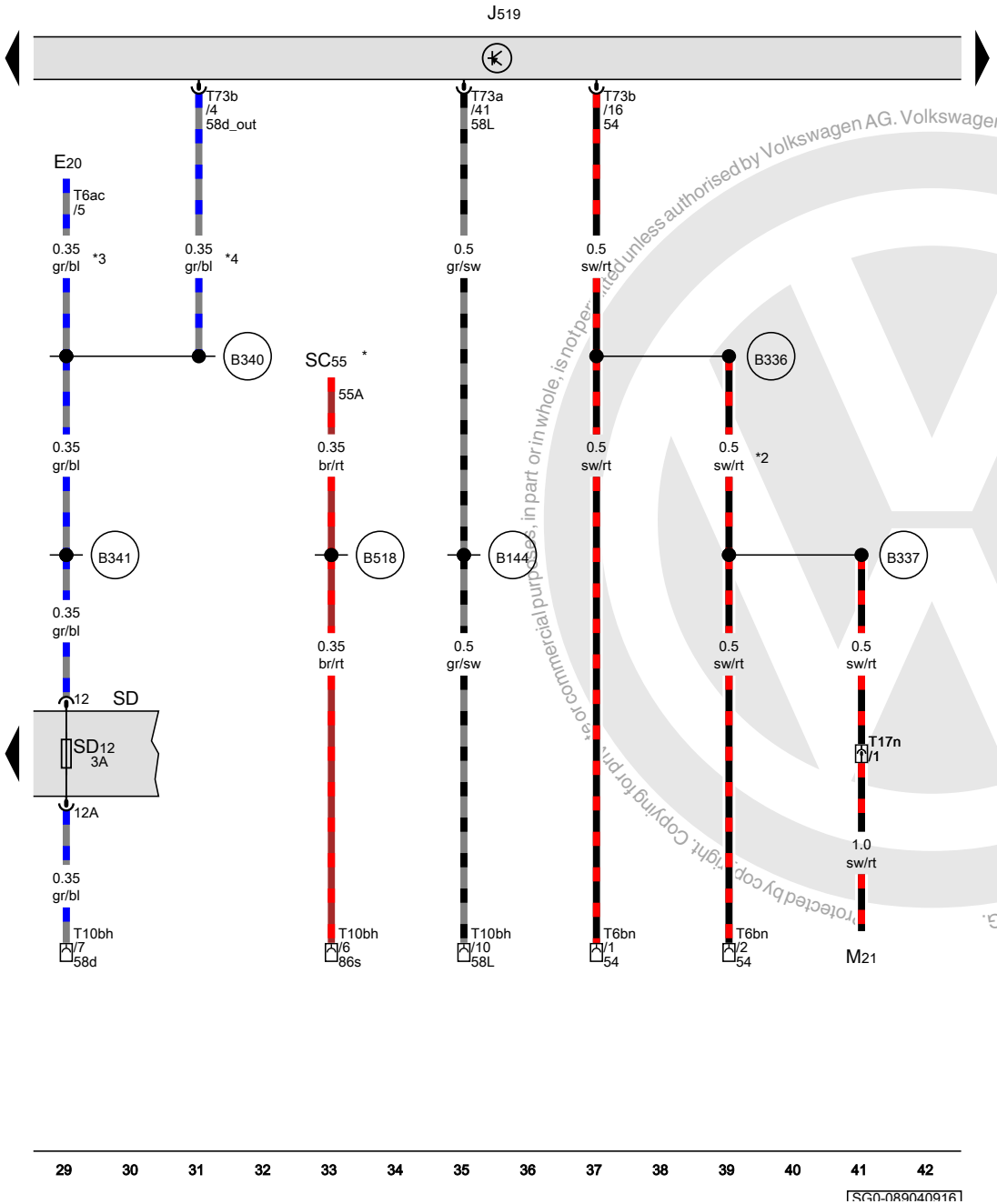

Switch and instrument illumination regulator, Onboard supply control unit, Fuse holder D

E20	Switch and instrument illumination regulator
J519	Onboard supply control unit
M21	Left brake and tail light bulb
SC55	Fuse 55 on fuse holder C
SD	Fuse holder D
SD12	Fuse 12 on fuse holder D
T6ac	6-pin connector, black
T6bn	6-pin connector, grey, under seat on front left
T10bh	10-pin connector, purple, under seat on front left
T17n	17-pin connector, light green, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
B144	Positive connection (58L), in interior wiring harness
B336	Connection 2 (54), in main wiring harness
B337	Connection 3 (54), in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B518	Connection (86s), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Wire could be cut by special vehicle manufacturer
*3	Only models with dimmable instrument illumination
*4	Only models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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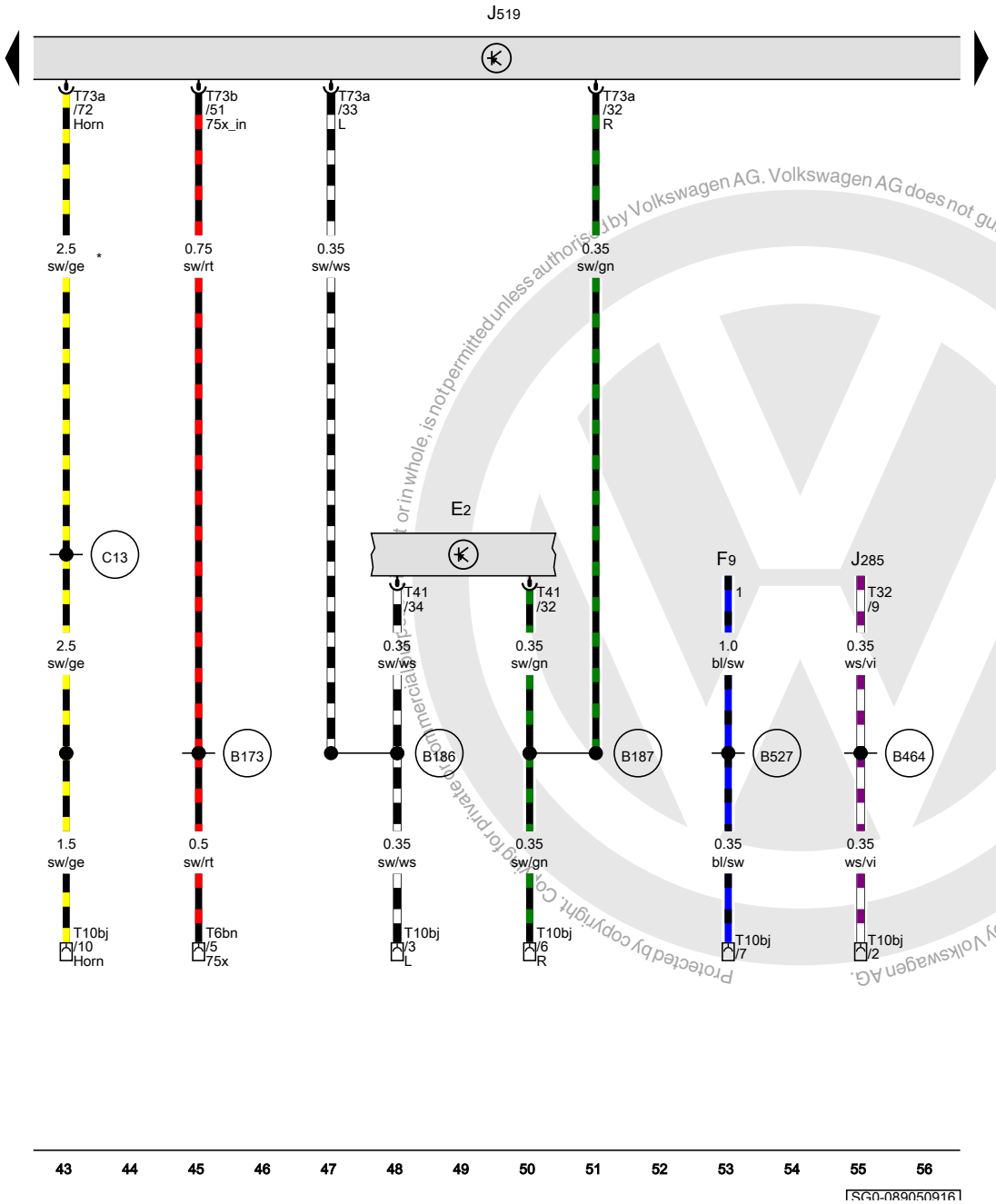
Turn signal switch, Handbrake warning switch, Control unit in dash panel insert, Onboard supply control unit



E2	Turn signal switch
F9	Handbrake warning switch
J285	Control unit in dash panel insert
J519	Onboard supply control unit
T6bn	6-pin connector, grey, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T32	32-pin connector, blue
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
B173	Positive connection 2 (X), in interior wiring harness
B186	Connection 2 (LTS), in interior wiring harness
B187	Connection 2 (RTS), in interior wiring harness
B464	Connection (speed signal), in main wiring harness
B527	Connection (handbrake), in main wiring harness
C13	Positive connection in dual tone horn wiring harness
*	Only models with no special police equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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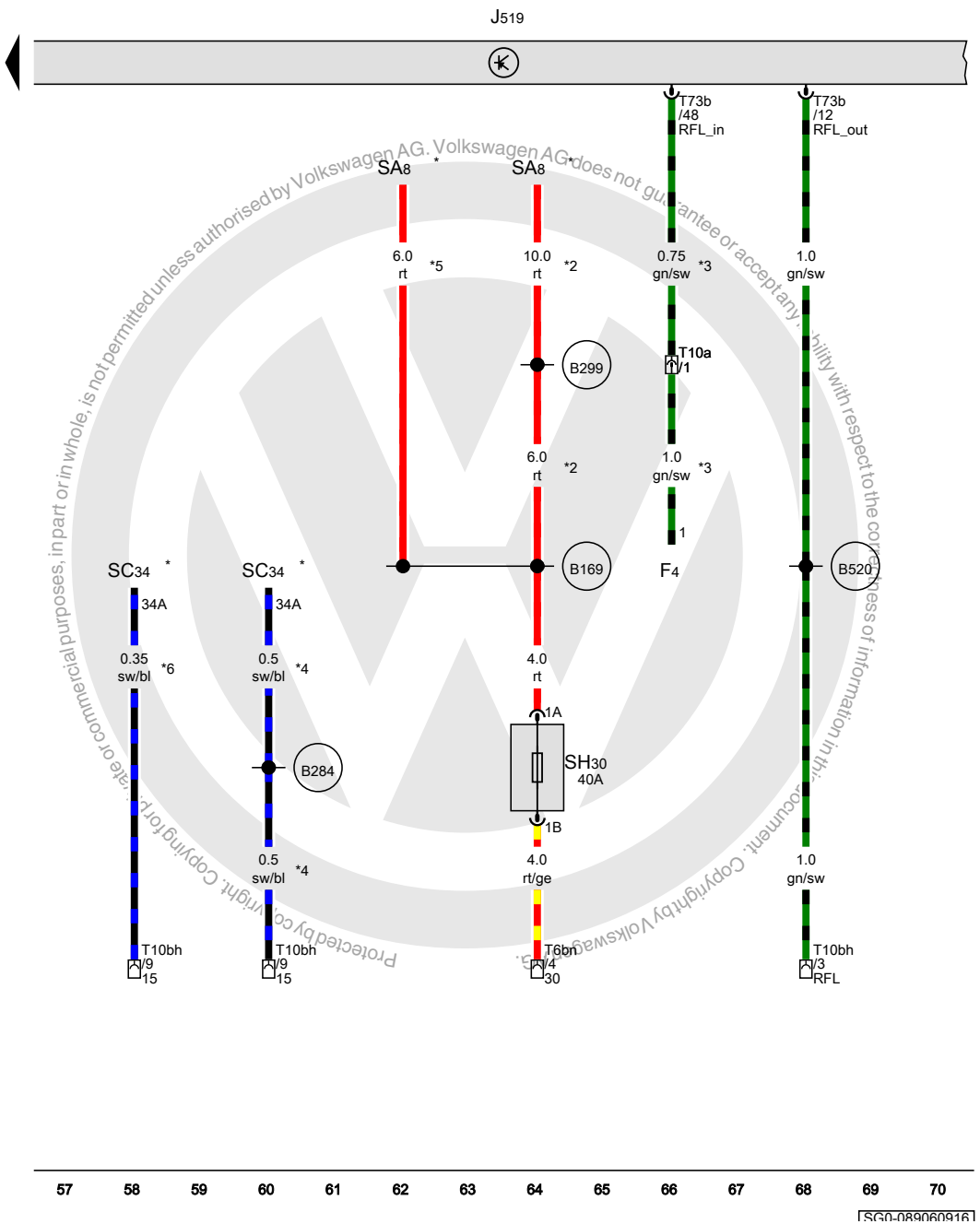

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Reversing light switch, Onboard supply control unit, Fuse 8 on fuse holder A, Fuse 30 in fuse holder H, Fuse 34 on fuse holder C

F4	Reversing light switch
J519	Onboard supply control unit
SA8	Fuse 8 on fuse holder A
SH30	Fuse 30 in fuse holder H
SC34	Fuse 34 on fuse holder C
T6bn	6-pin connector, grey, under seat on front left
T10a	10-pin connector, brown, in E-box
T10bh	10-pin connector, purple, under seat on front left
T73b	73-pin connector, white
B169	Positive connection 1 (30), in interior wiring harness
B284	Positive connection 8 (15a) in main wiring harness
B299	Positive connection 3 (30), in main wiring harness
B520	Connection (RL), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with no second battery
*3	Only models with manual gearbox
*4	Only models with internet access
*5	Only models with second battery
*6	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Wing doors, heater rear windows, rear window wiper

From June 2015

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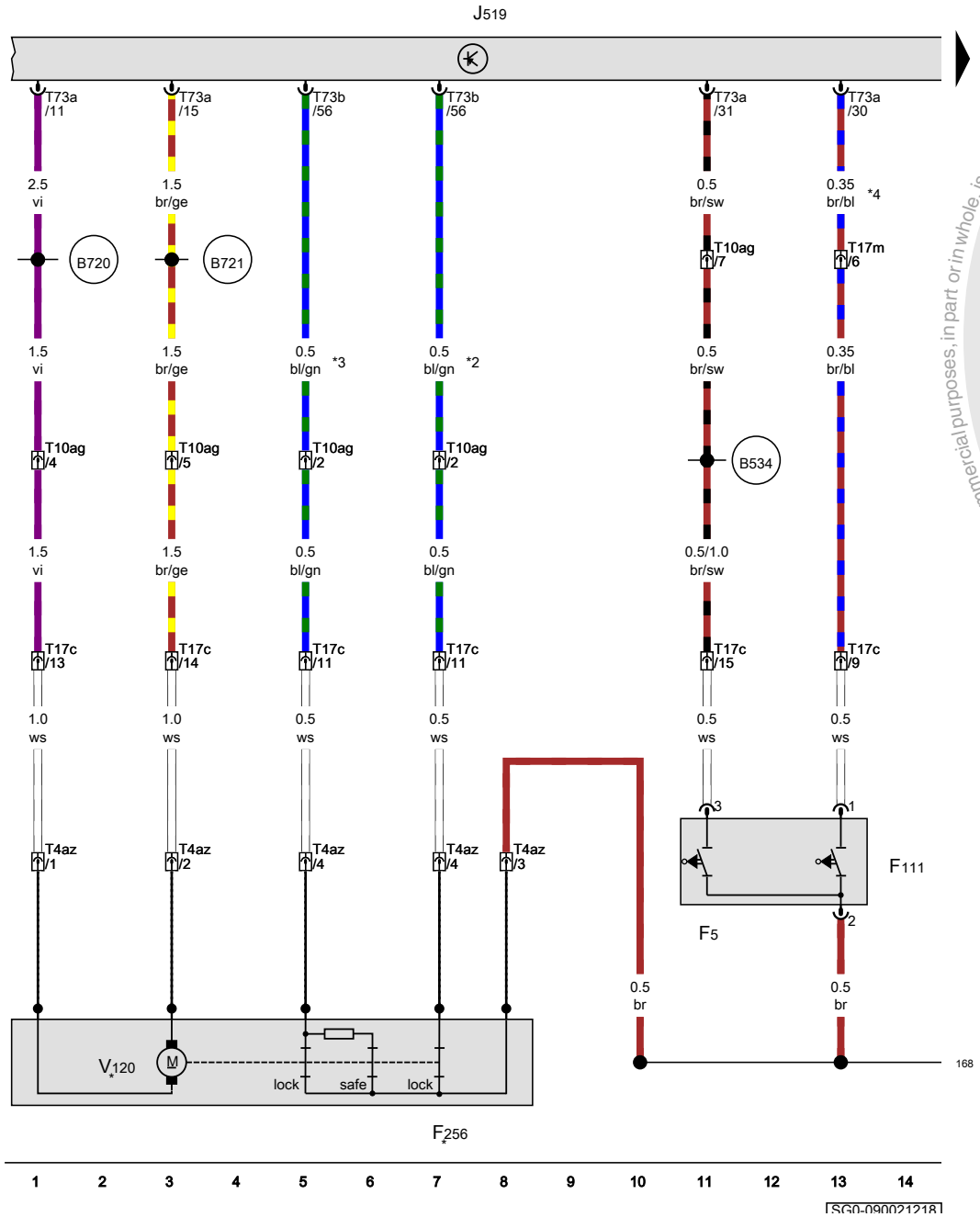

Luggage compartment light switch, Rear lid contact switch, Rear lid lock unit, Onboard supply control unit, Rear lid lock motor

F5	Luggage compartment light switch
F111	Rear lid contact switch
F256	Rear lid lock unit
J519	Onboard supply control unit
T4az	4-pin connector, black, in left wing door
T10ag	10-pin connector, brown, in left A-pillar coupling station
T17c	17-pin connector, black, behind lower section of left D-pillar trim
T17m	17-pin connector, red, in left A-pillar coupling station
T73a	73-pin connector, black
T73b	73-pin connector, white
V120	Rear lid lock motor
168	Earth connection, in rear left wing door wiring harness
B534	Connection 1 (luggage compartment switch), in roof wiring harness
B720	Connection 1 (central locking), in main wiring harness
B721	Connection 2 (central locking), in main wiring harness
*	For models with central locking
*2	For models with no SAFELOCK function
*3	For models with SAFELOCK function
*4	For models with no electric sliding doors/power latching system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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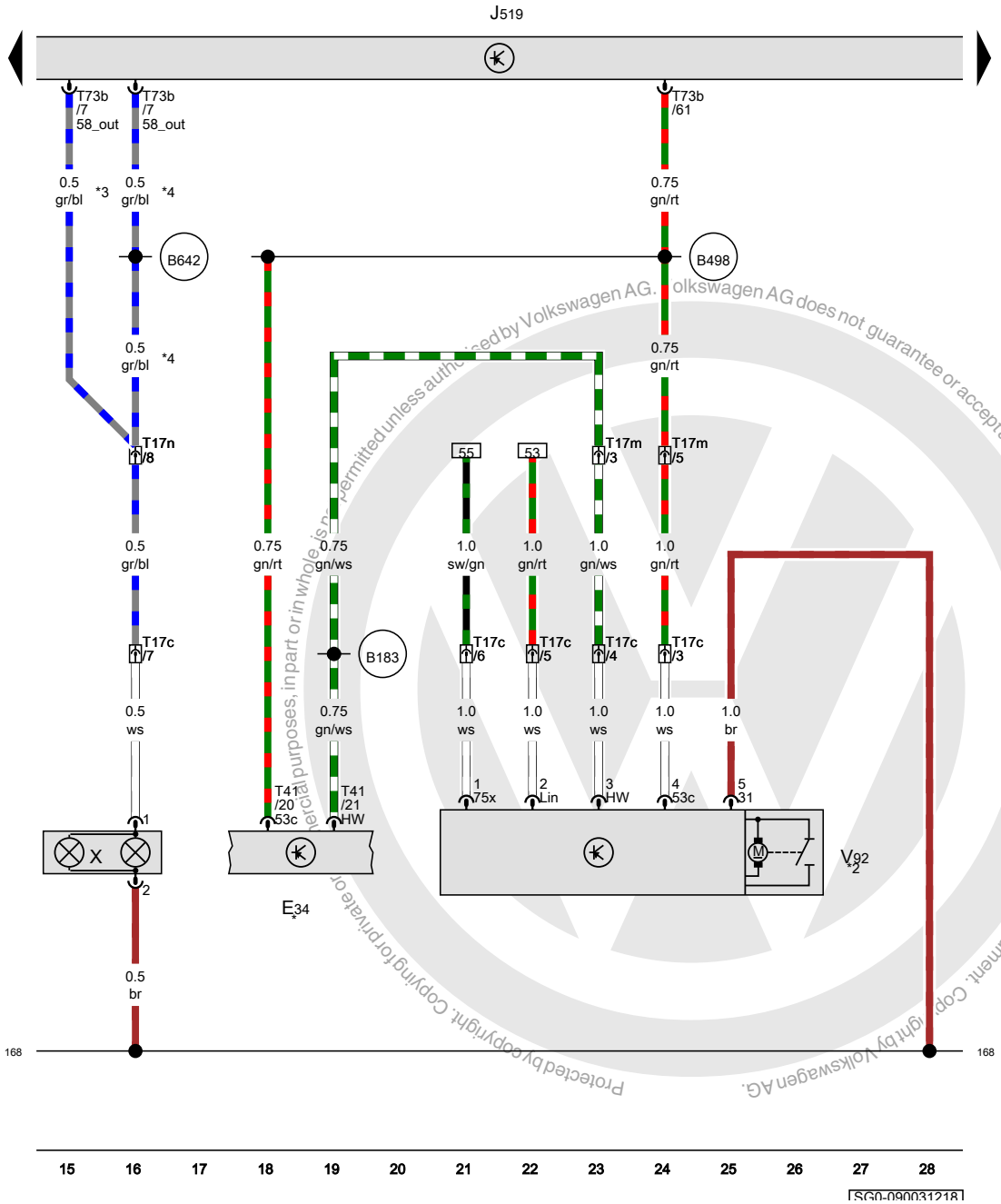

Rear wiper switch, Onboard supply control unit, Rear left wing door window wiper motor, Number plate light

E34	Rear wiper switch
J519	Onboard supply control unit
T17c	17-pin connector, black, behind lower section of left D-pillar trim
T17m	17-pin connector, red, in left A-pillar coupling station
T17n	17-pin connector, light green, under seat on front left
T41	41-pin connector, grey
T73b	73-pin connector, white
V92	Rear left wing door window wiper motor
X	Number plate light
168	Earth connection, in rear left wing door wiring harness
B183	Connection 1 (washer pump), in interior wiring harness
B498	Connection 1 (53c), in interior wiring harness
B642	Positive connection (58), in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	For models with rear window wiper
*3	For models with no background lighting
*4	For models with background lighting

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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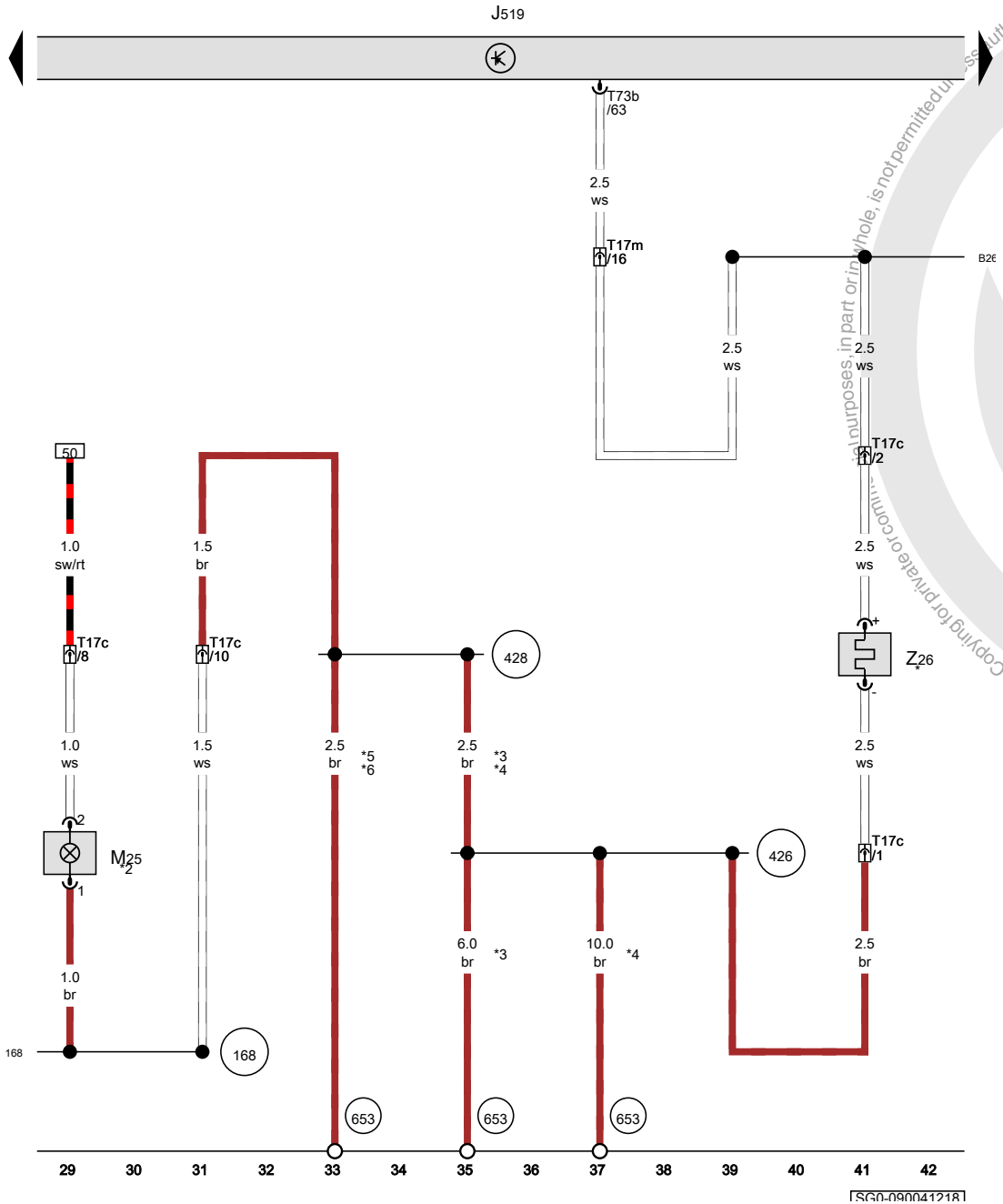

Onboard supply control unit, Heated rear window in left wing door

J519	Onboard supply control unit
M25	High-level brake light bulb
T17c	17-pin connector, black, behind lower section of left D-pillar trim
T17m	17-pin connector, red, in left A-pillar coupling station
T73b	73-pin connector, white
Z26	Heated rear window in left wing door
168	Earth connection, in rear left wing door wiring harness
426	Earth connection 3, in left rear end wiring harness
428	Earth connection 4, in left rear end wiring harness
653	Earth point, on left D-pillar
B265	Connection 2, in roof wiring harness
*	For models with heated rear window
*2	According to equipment
*3	For models with trailer socket or heated rear window
*4	For models with trailer socket and heated rear window
*5	For models with no towing bracket
*6	For models with no heated rear window

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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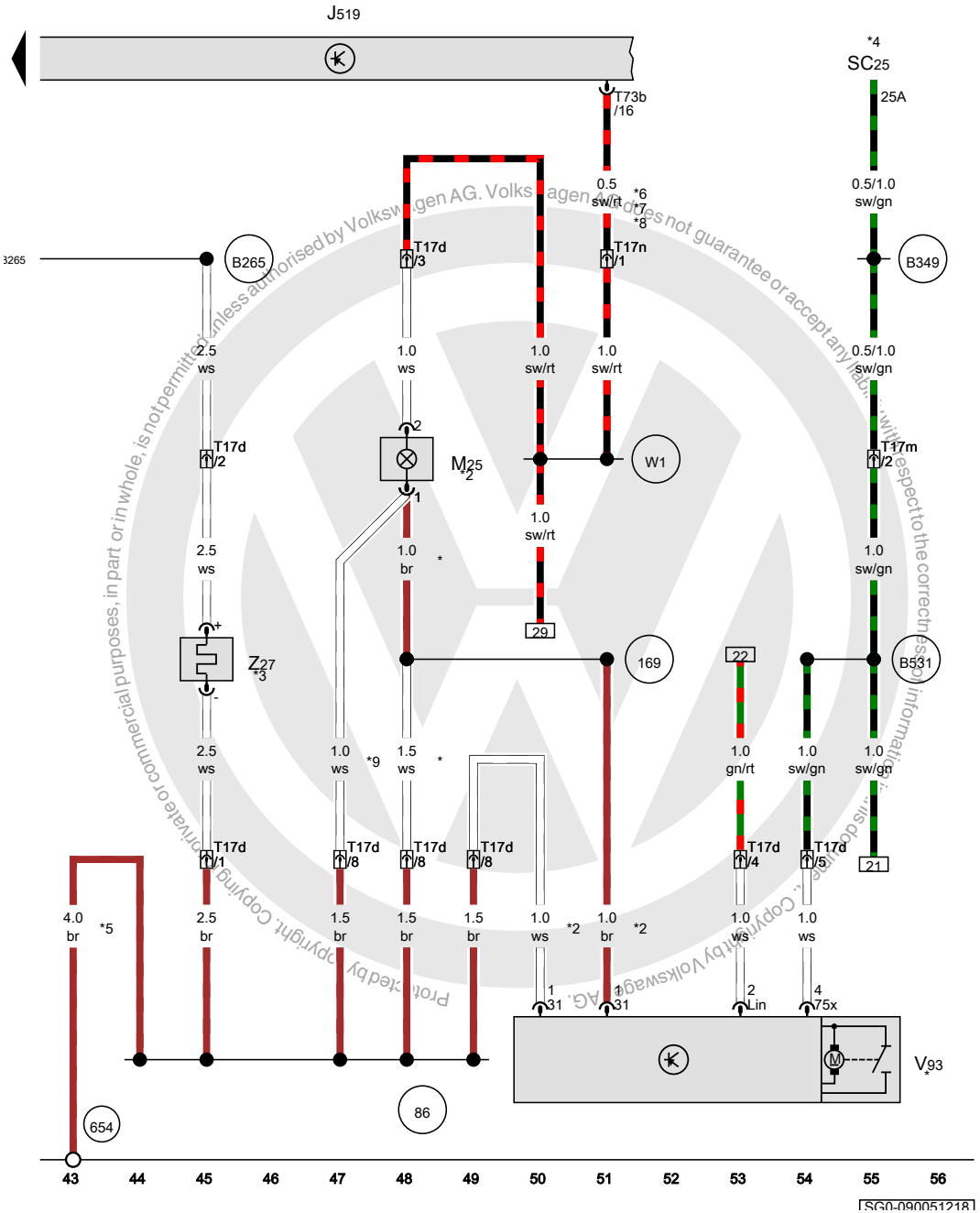

Onboard supply control unit, Rear right wing door window wiper motor, Heated rear window in right wing door

J519	Onboard supply control unit
M25	High-level brake light bulb
SC25	Fuse 25 on fuse holder C
T17d	17-pin connector, black, behind lower section of right D-pillar trim
T17m	17-pin connector, red, in left A-pillar coupling station
T17n	17-pin connector, light green, under seat on front left
T73b	73-pin connector, white
V93	Rear right wing door window wiper motor
Z27	Heated rear window in right wing door
86	Earth connection 1, in rear wiring harness
169	Earth connection, in rear right wing door wiring harness
654	Earth point, on right D-pillar
B265	Connection 2, in roof wiring harness
B349	Connection 2 (75a), in main wiring harness
B531	Positive connection (75), in roof wiring harness
W1	Positive connection 1 (54), in rear wiring harness
*	For models with rear window wiper
*2	According to equipment
*3	For models with heated rear window
*4	see applicable current flow diagram for fuse assignment
*5	Cross-section 6.0 possible
*6	For models with no electric interface
*7	For models with no special police equipment
*8	For models with no accident data recorder
*9	For models with no rear window wiper

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Special equipment, police , (IS4)

From June 2015

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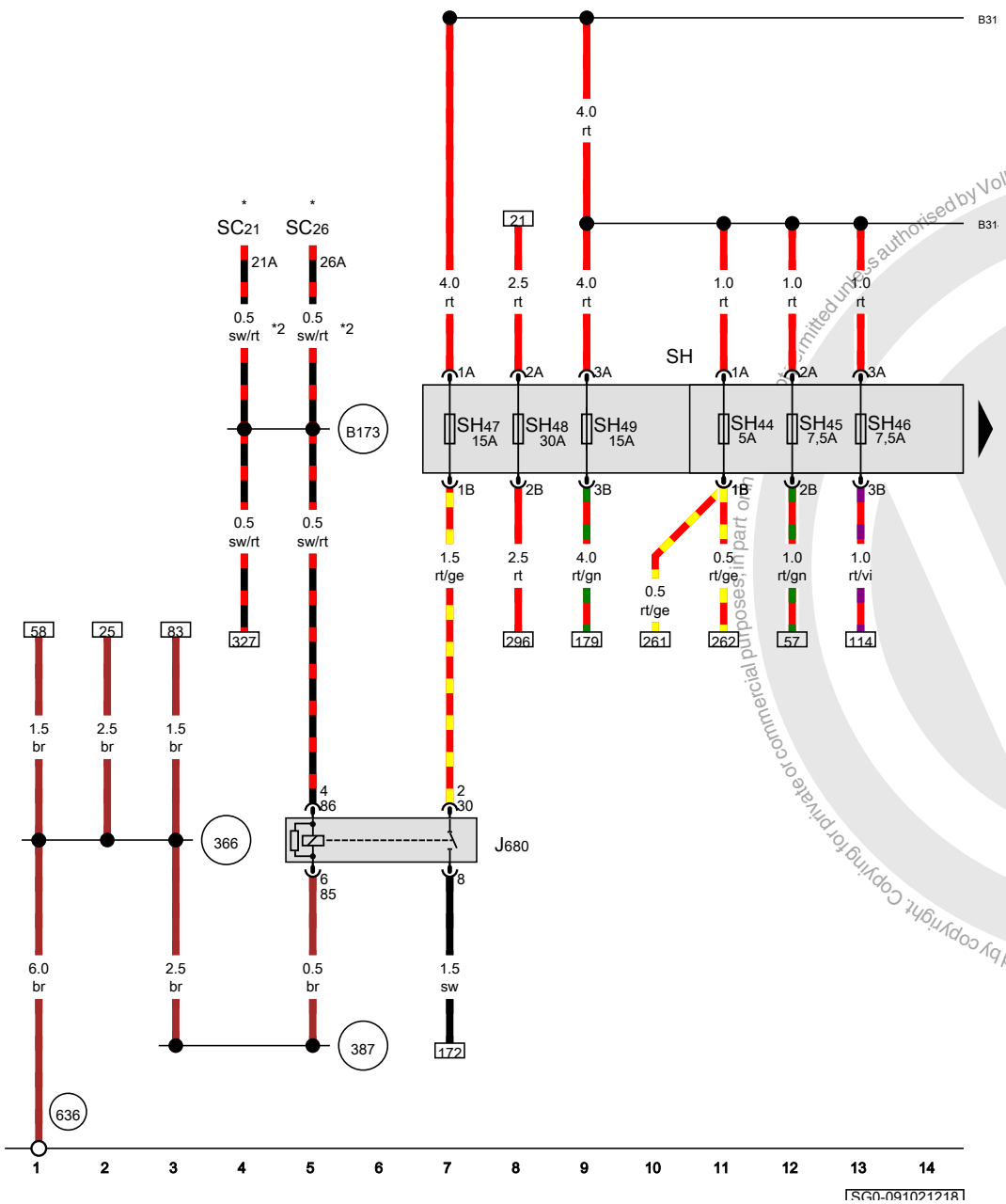
Terminal 75 voltage supply relay 1, Fuse 21 on fuse holder C, Fuse 26 on fuse holder C, Fuse holder H



J680	Terminal 75 voltage supply relay 1
SC21	Fuse 21 on fuse holder C
SC26	Fuse 26 on fuse holder C
SH	Fuse holder H
SH44	Fuse 44 in fuse holder H
SH45	Fuse 45 in fuse holder H
SH46	Fuse 46 in fuse holder H
SH47	Fuse 47 in fuse holder H
SH48	Fuse 48 in fuse holder H
SH49	Fuse 49 in fuse holder H
366	Earth connection 1, in main wiring harness
387	Earth connection 22, in main wiring harness
636	Earth point, onboard supply control unit
B173	Positive connection 2 (X), in interior wiring harness
B313	Positive connection 17 (30), in main wiring harness
B314	Positive connection 18 (30), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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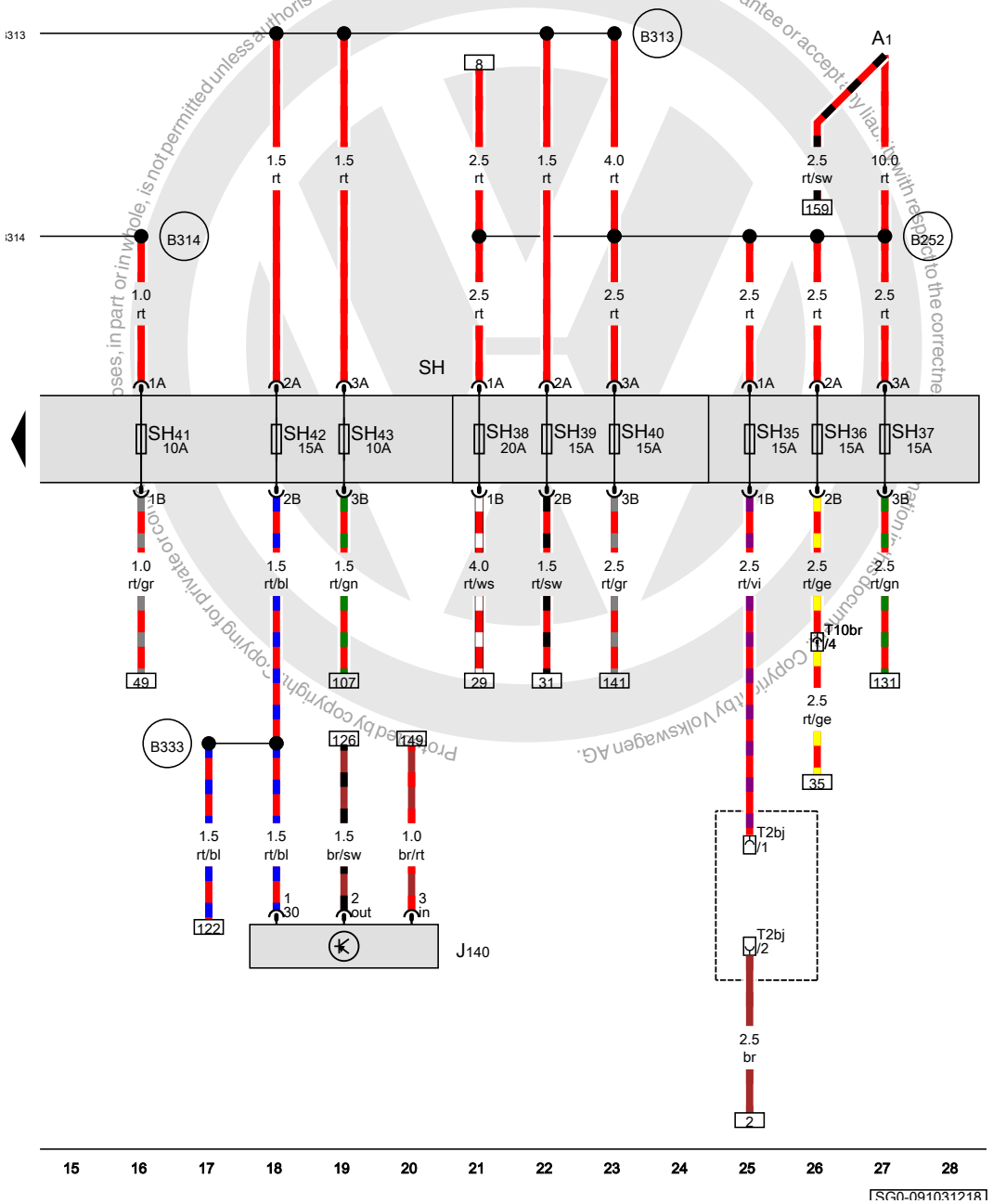

Second battery, Interior light switch-off delay control unit, Fuse holder H, 2-pin connector

A1	Second battery
J140	Interior light switch-off delay control unit
SH	Fuse holder H
SH35	Fuse 35 in fuse holder H
SH36	Fuse 36 in fuse holder H
SH37	Fuse 37 in fuse holder H
SH38	Fuse 38 in fuse holder H
SH39	Fuse 39 in fuse holder H
SH40	Fuse 40 in fuse holder H
SH41	Fuse 41 in fuse holder H
SH42	Fuse 42 in fuse holder H
SH43	Fuse 43 in fuse holder H
T2bj	2-pin connector, black, Interface for front socket, in centre of dash panel
T10br	10-pin connector, blue, under driver seat
B252	Positive connection (30, police), in interior wiring harness
B313	Positive connection 17 (30), in main wiring harness
B314	Positive connection 18 (30), in main wiring harness
B333	Positive connection 19 (30a) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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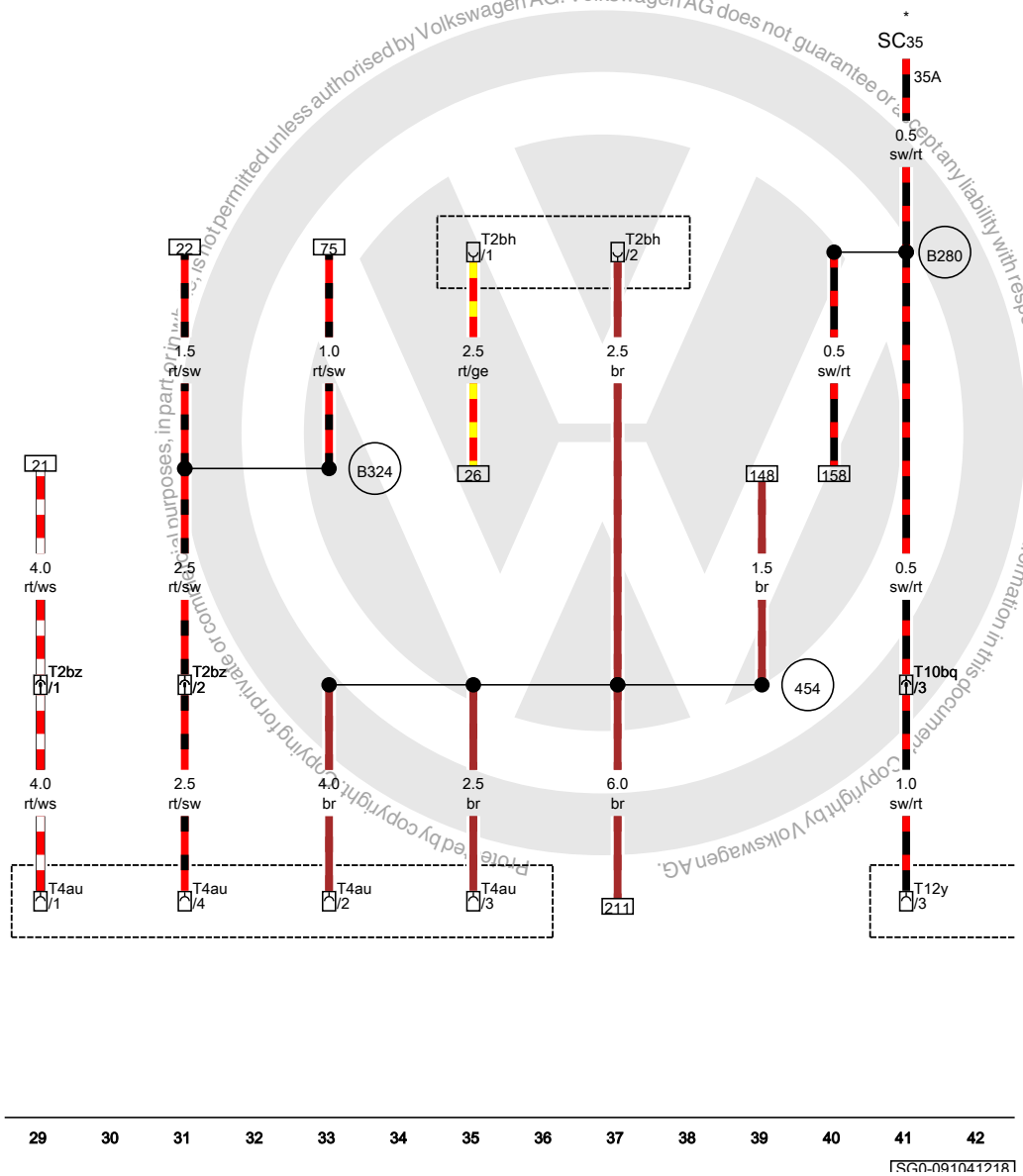

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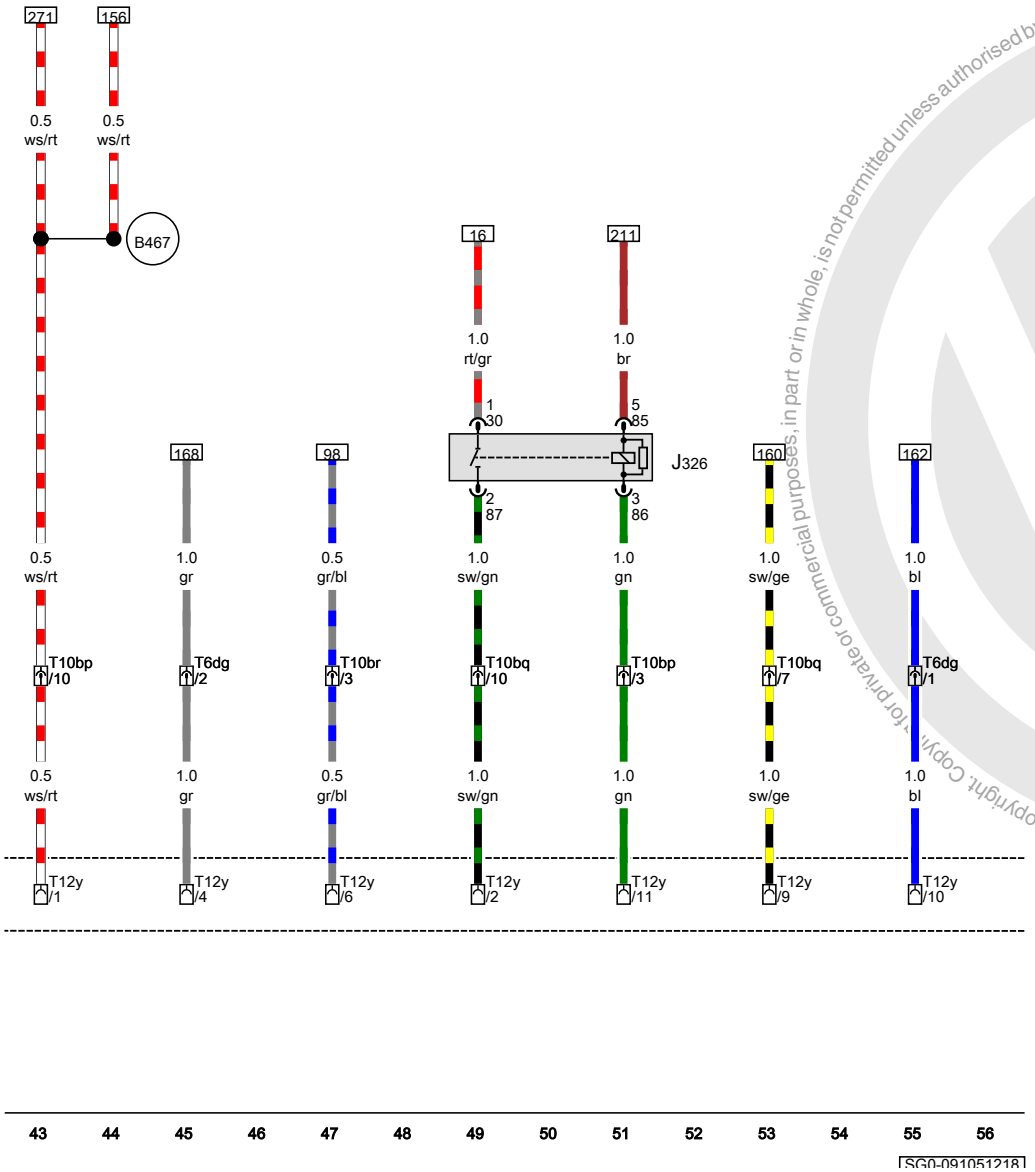
2-pin connector, 4-pin connector, 12-pin connector

SC35	Fuse 35 on fuse holder C
T2bh	2-pin connector, black, Interface for socket on table, on lower part of left C-pillar
T2bz	2-pin connector, black, under driver seat
T4au	4-pin connector, black, Interface for special signal, under roof near left B-pillar
T10bq	10-pin connector, orange, under driver seat
T12y	12-pin connector, black, Interface for special signal, under roof near left B-pillar
454	Earth connection 4, in optional equipment wiring harness
B280	Positive connection 4 (15a) in main wiring harness
B324	Positive connection 10 (30a) in main wiring harness
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Rotating light relay, 12-pin connector

J326	Rotating light relay
T6dg	6-pin connector, purple, under driver seat
T10bp	10-pin connector, green, under driver seat
T10bq	10-pin connector, orange, under driver seat
T10br	10-pin connector, blue, under driver seat
T12y	12-pin connector, black, Interface for special signal, under roof near left B-pillar
B467	Connection 3, in main wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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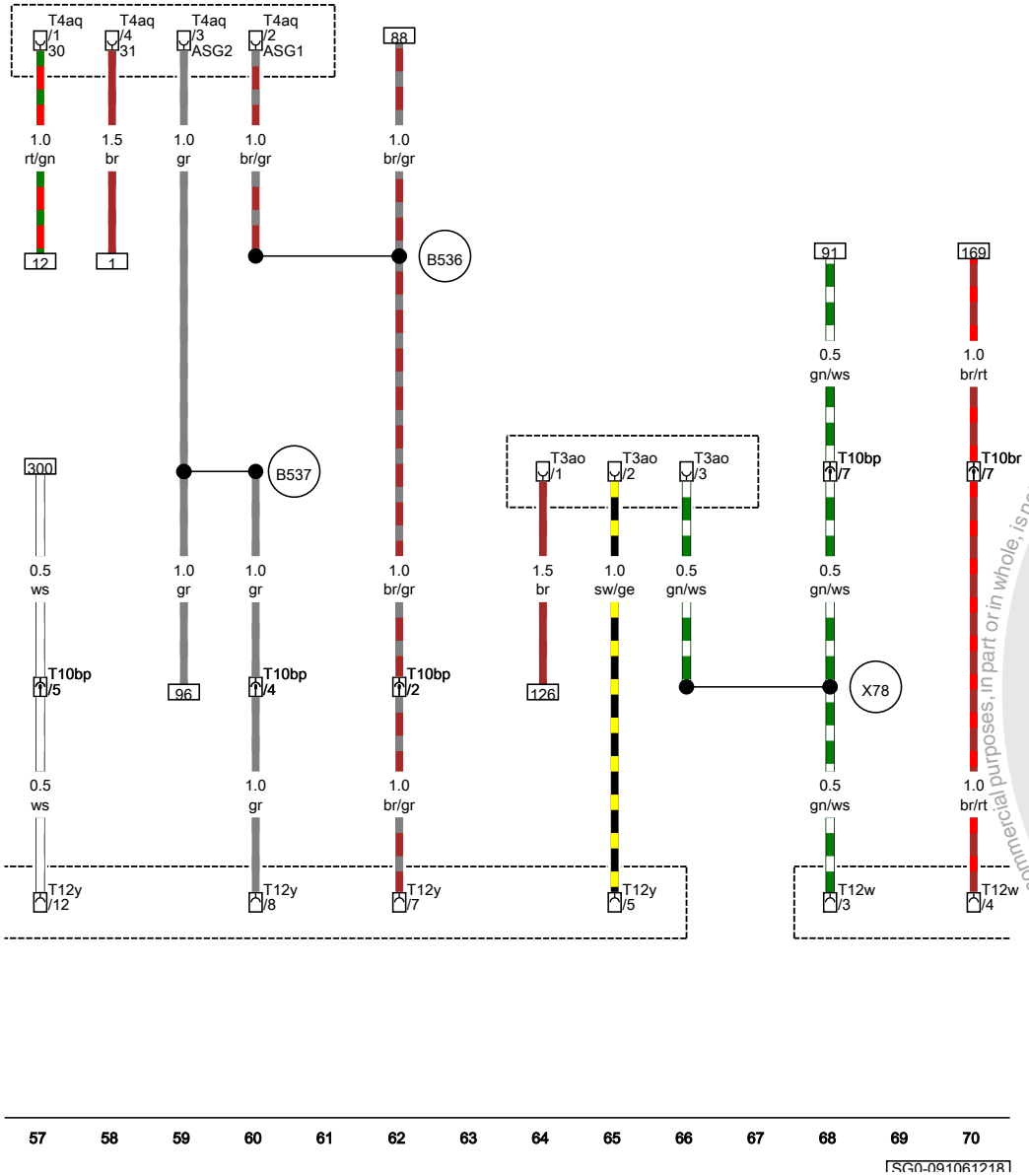

3-pin connector, 4-pin connector, 12-pin connector, 12-pin connector

T3ao	3-pin connector, black, Interface for third rotating light, under roof near left D-pillar
T4aq	4-pin connector, black, Interface for front "stop" command light, on air filter
T10bp	10-pin connector, green, under driver seat
T10br	10-pin connector, blue, under driver seat
T12w	12-pin connector, black, Interface for special signal, under roof near left B-pillar
T12y	12-pin connector, black, Interface for special signal, under roof near left B-pillar
B536	Connection 27, in main wiring harness
B537	Connection 28, in main wiring harness
X78	Connection 1, in optional equipment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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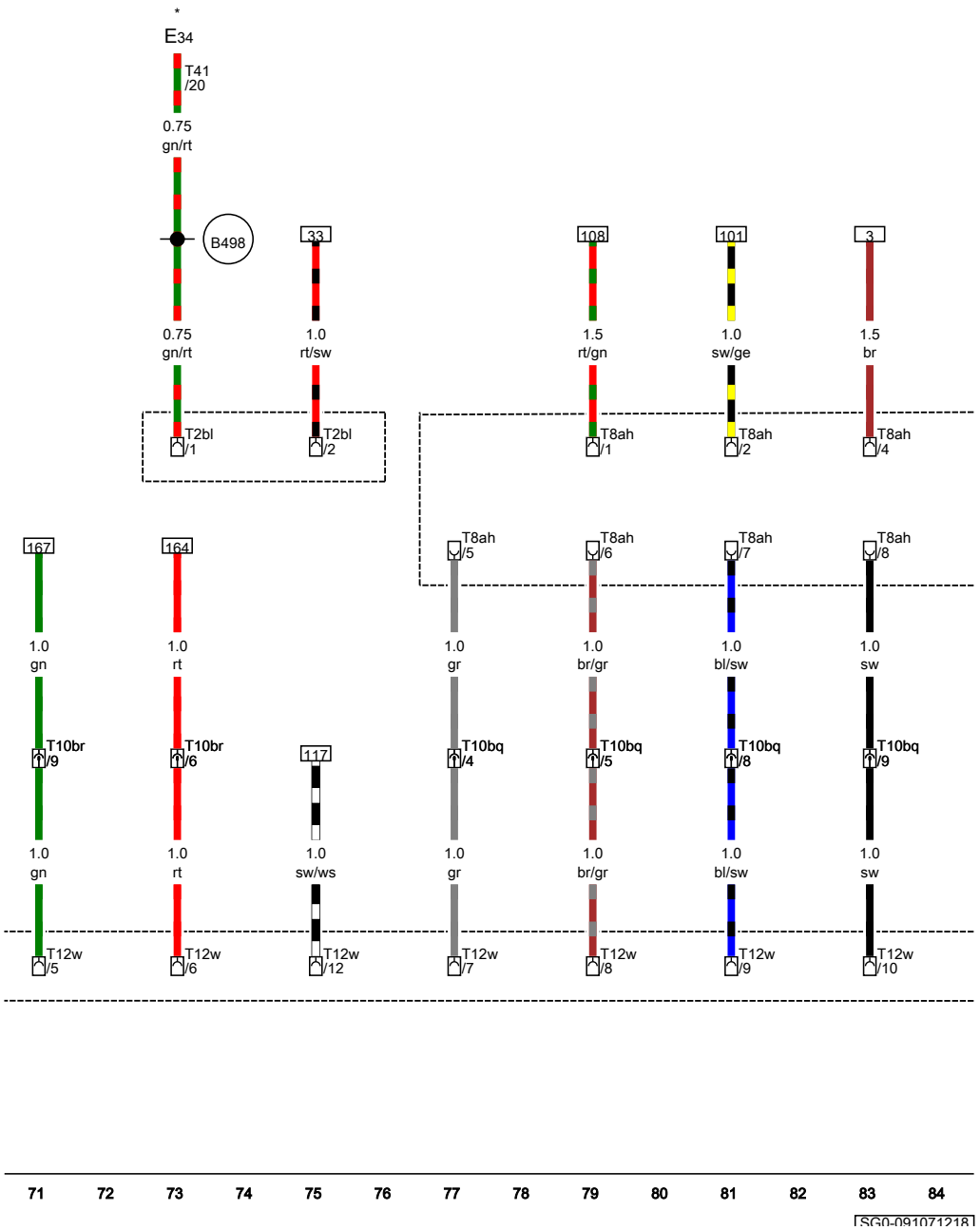

Rear wiper switch, 2-pin connector, 8-pin connector, 12-pin connector

E34	Rear wiper switch
T2bl	2-pin connector, black, Interface for rear window wiper warning lamp
T8ah	8-pin connector, black, Interface for loudspeaker/ front flashing LED lights, on air filter
T10bq	10-pin connector, orange, under driver seat
T10br	10-pin connector, blue, under driver seat
T12w	12-pin connector, black, Interface for special signal, under roof near left B-pillar
T41	41-pin connector, grey
B498	Connection 1 (53c), in interior wiring harness
*	see applicable current flow diagram for basic equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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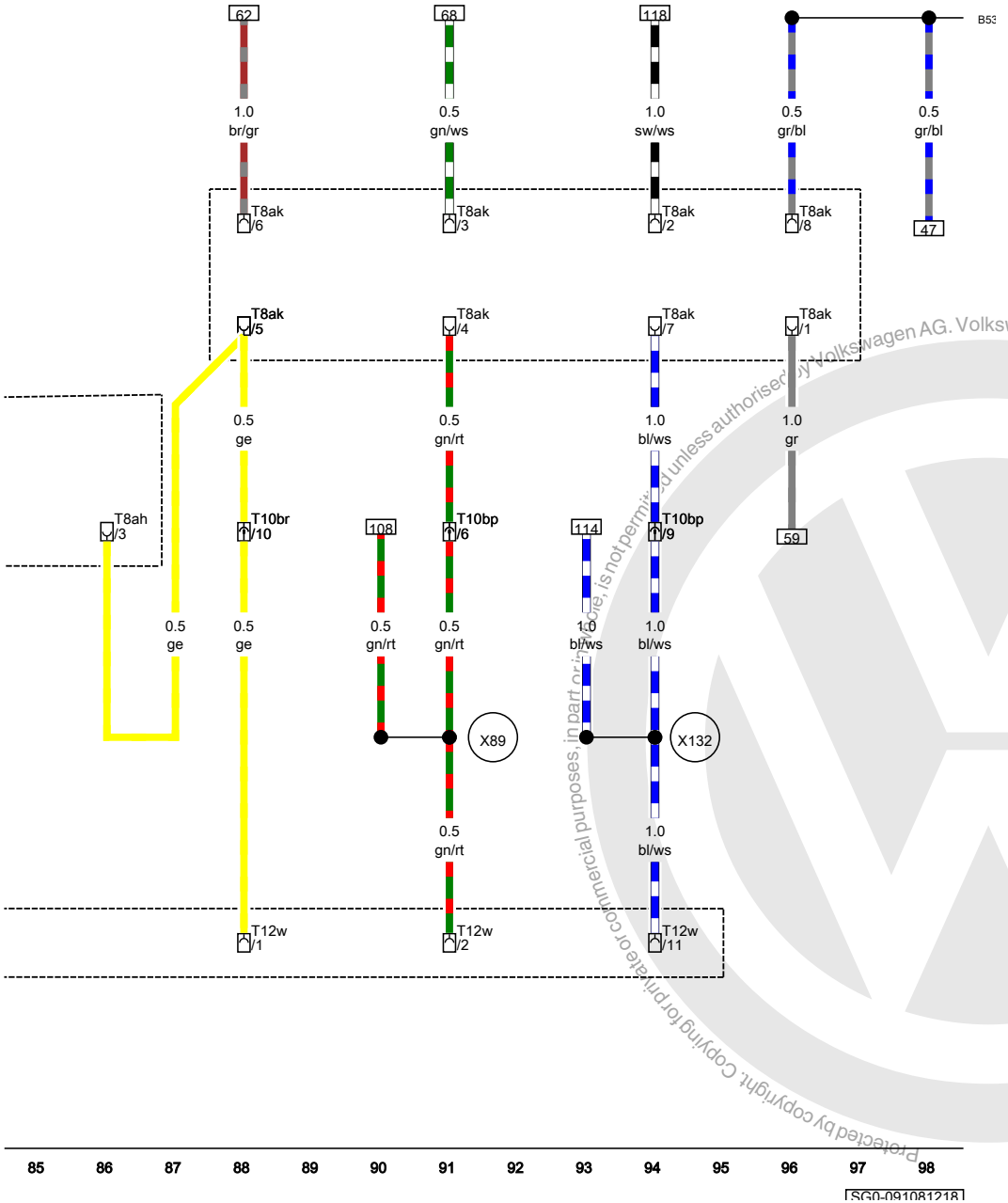

8-pin connector, 8-pin connector, 12-pin connector

T8ah	8-pin connector, black, Interface for loudspeaker/ front flashing LED lights, on air filter
T8ak	8-pin connector, black, Interface for warning lamps
T10bp	10-pin connector, green, under driver seat
T10br	10-pin connector, blue, under driver seat
T12w	12-pin connector, black, Interface for special signal, under roof near left B-pillar
B538	Connection 29, in main wiring harness
X89	Connection 1 (blue flashing/rotating light), in optional equipment wiring harness
X132	Connection 5, in optional equipment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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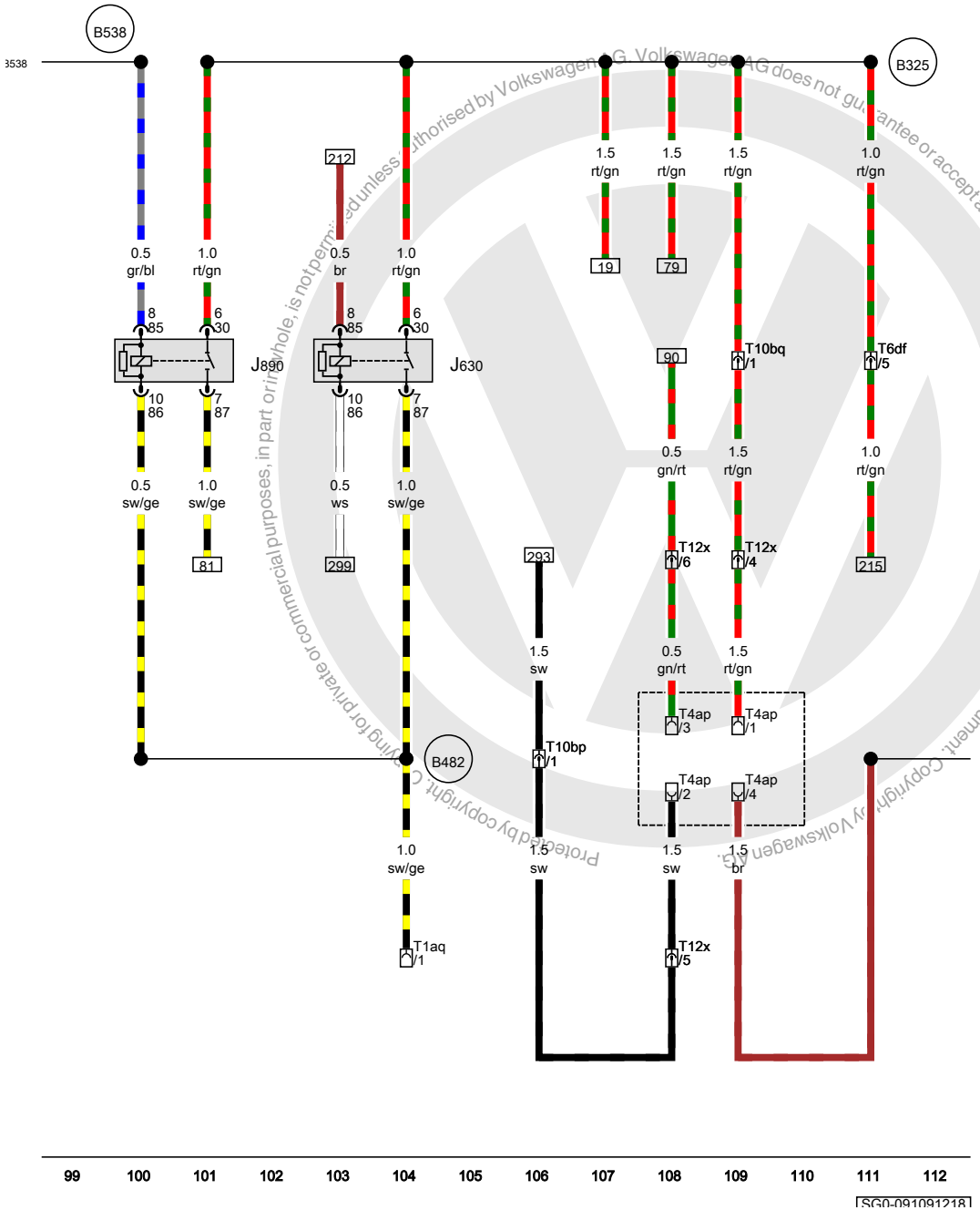
Flashing lights relay, Flashing lights relay 2, 4-pin connector



J630	Flashing lights relay
J890	Flashing lights relay 2
T1aq	1-pin connector, black, under driver seat
T4ap	4-pin connector, black, Interface for rear flashing LED lights (blue), in rear lid
T6df	6-pin connector, grey, under driver seat
T10bp	10-pin connector, green, under driver seat
T10bq	10-pin connector, orange, under driver seat
T12x	12-pin connector, brown, near left D-pillar
287	Earth connection, in rear lid feeder wiring harness
B325	Positive connection 11 (30a) in main wiring harness
B482	Connection 18, in main wiring harness
B538	Connection 29, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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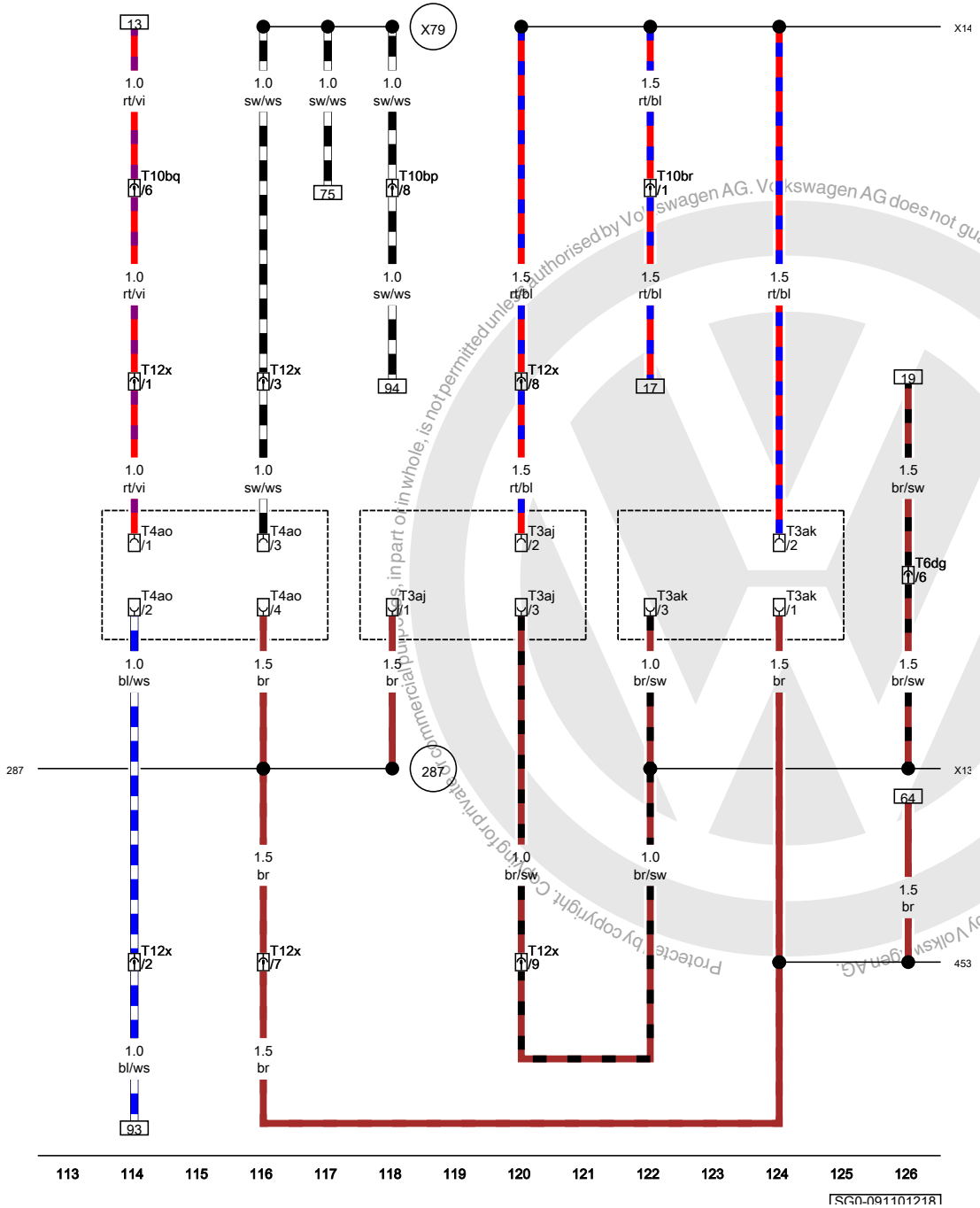

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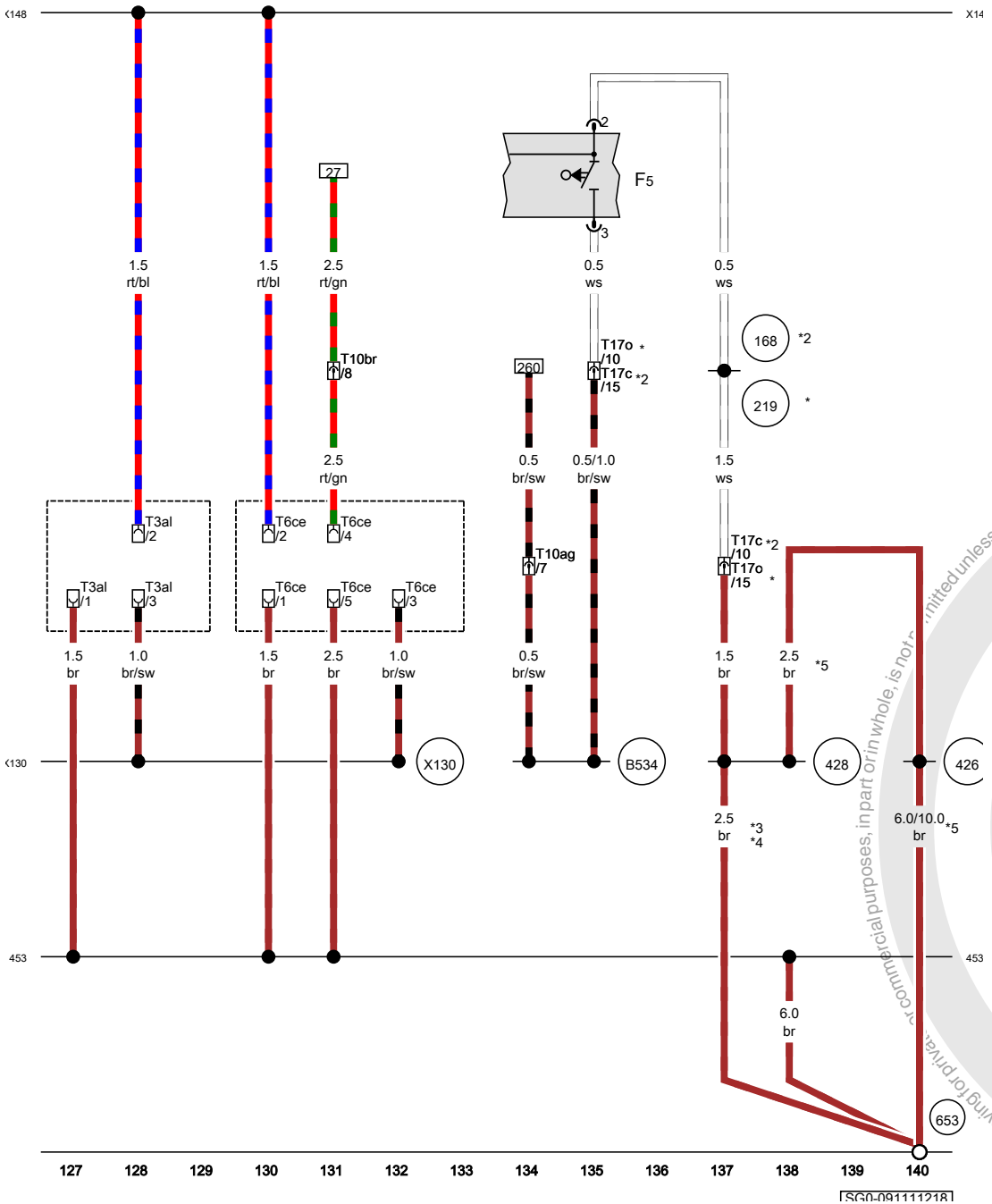
ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

3-pin connector, 3-pin connector, 4-pin connector

T3aj	3-pin connector, black, Interface for rear luggage compartment light, in rear lid
T3ak	3-pin connector, black, Interface for lower left interior light, on wheel housing
T4ao	4-pin connector, black, Interface for rear "stop" command light, in rear lid
T6dg	6-pin connector, purple, under driver seat
T10bp	10-pin connector, green, under driver seat
T10bq	10-pin connector, orange, under driver seat
T10br	10-pin connector, blue, under driver seat
T12x	12-pin connector, brown, near left D-pillar
287	Earth connection, in rear lid feeder wiring harness
453	Earth connection 3, in optional equipment wiring harness
X79	Connection 2, in optional equipment wiring harness
X130	Connection 3, in optional equipment wiring harness
X148	Positive connection 7 (30), in optional equipment wiring harness



Luggage compartment light switch, 3-pin connector, 6-pin connector

F5	Luggage compartment light switch
T3al	3-pin connector, black, Interface for rear interior light, under roof between left C-pillar and D-pillar
T6ce	6-pin connector, black, Interface for interior light/socket, on lower part of right D-pillar
T10ag	10-pin connector, brown, in left A-pillar coupling station
T10br	10-pin connector, blue, under driver seat
T17c	17-pin connector, black, behind lower section of left D-pillar trim
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
168	Earth connection, in rear left wing door wiring harness
219	Earth connection 2, in rear lid wiring harness
426	Earth connection 3, in left rear end wiring harness
428	Earth connection 4, in left rear end wiring harness
453	Earth connection 3, in optional equipment wiring harness
653	Earth point, on left D-pillar
B534	Connection 1 (luggage compartment switch), in roof wiring harness
X130	Connection 3, in optional equipment wiring harness
X148	Positive connection 7 (30), in optional equipment wiring harness
*	For models with rear lid
*2	For models with wing doors
*3	For models with no towing bracket
*4	For models with no heated rear window
*5	For models with trailer socket or heated rear window

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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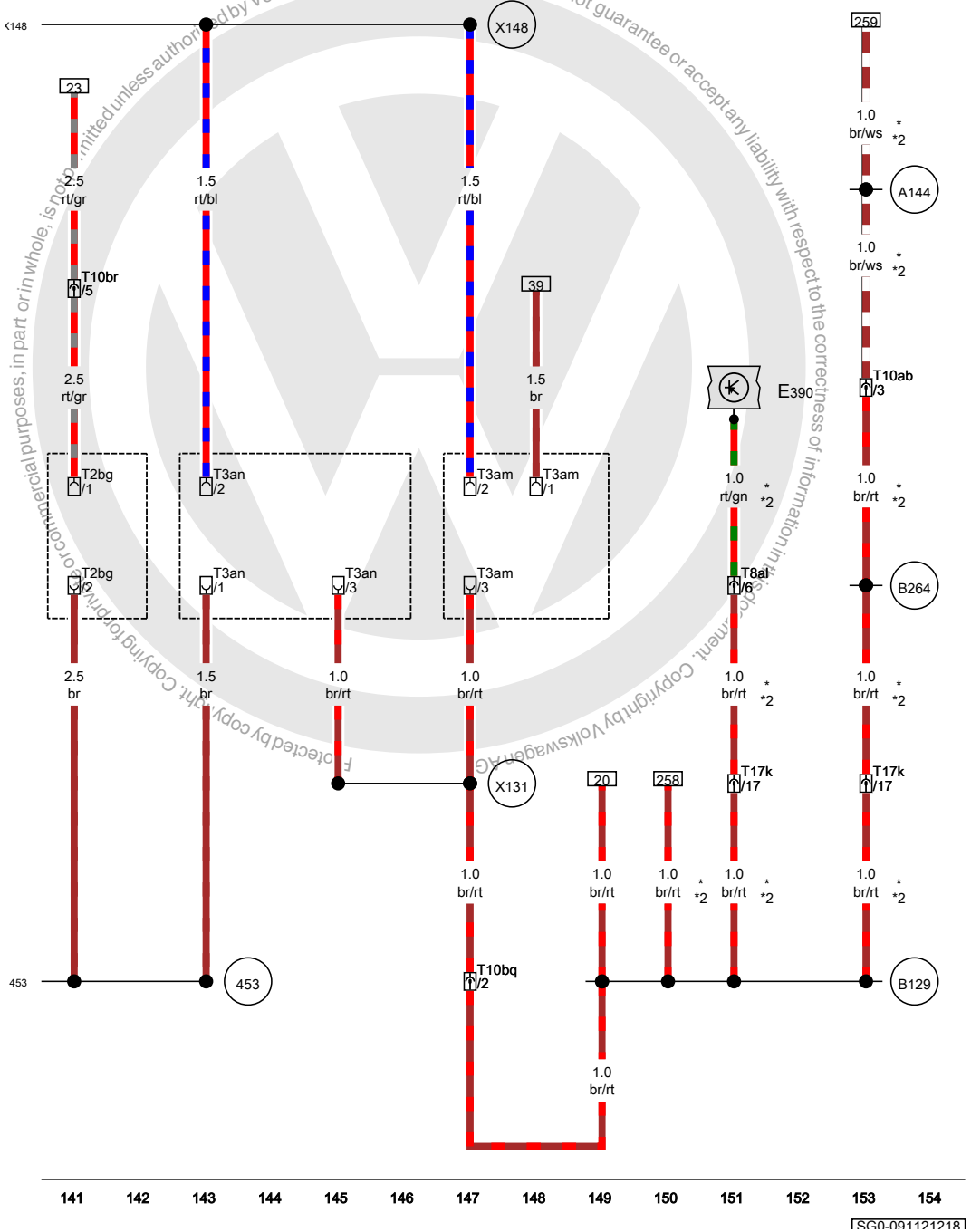

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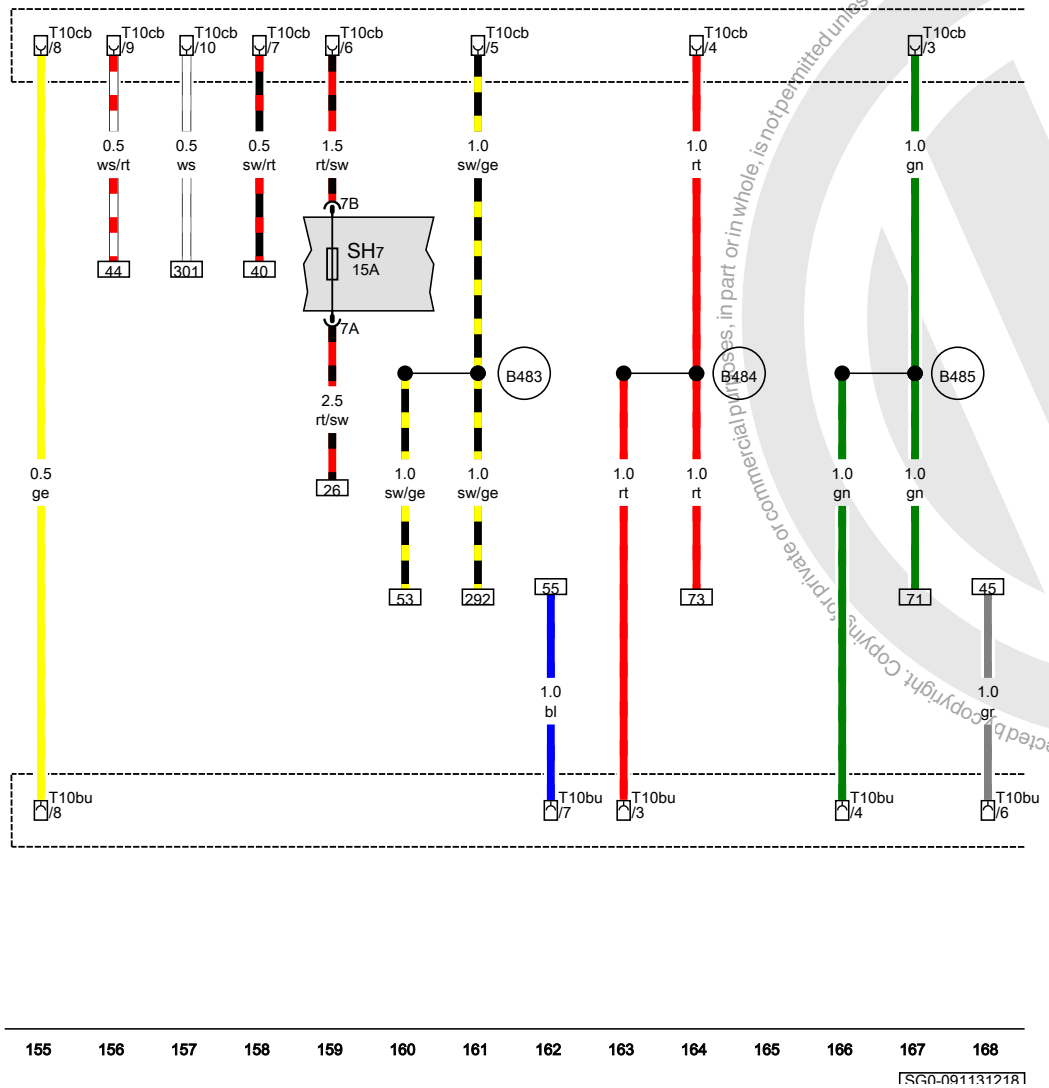
Interior lighting central switch button, 2-pin connector, 3-pin connector, 3-pin connector

E390	Interior lighting central switch button
T2bg	2-pin connector, black, Interface for rear left socket, on wheel housing
T3am	3-pin connector, black, Interface for interior light 1 on table, under roof between left B-pillar and C-pillar
T3an	3-pin connector, black, Interface for interior light 2 on table, under roof near left C-pillar
T8al	8-pin connector, black, near front interior light
T10ab	10-pin connector, white, in left A-pillar coupling station
T10bq	10-pin connector, orange, under driver seat
T10br	10-pin connector, blue, under driver seat
T17k	17-pin connector, green, in left A-pillar coupling station
453	Earth connection 3, in optional equipment wiring harness
A144	Connection (interior monitoring) in dash panel wiring harness
B129	Connection (interior light, 31l), in interior wiring harness
B264	Connection 1, in roof wiring harness
X131	Connection 4, in optional equipment wiring harness
X148	Positive connection 7 (30), in optional equipment wiring harness
*	According to equipment
*2	see applicable current flow diagram for interior lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Fuse 7 in fuse holder H, 10-pin connector, 10-pin connector

SH7	Fuse 7 in fuse holder H
T10bu	10-pin connector, blue, Interface for electric torch, under driver seat
T10cb	10-pin connector, black, on operating unit for blue light signal system
B483	Connection 19, in main wiring harness
B484	Connection 20, in main wiring harness
B485	Connection 21, in main wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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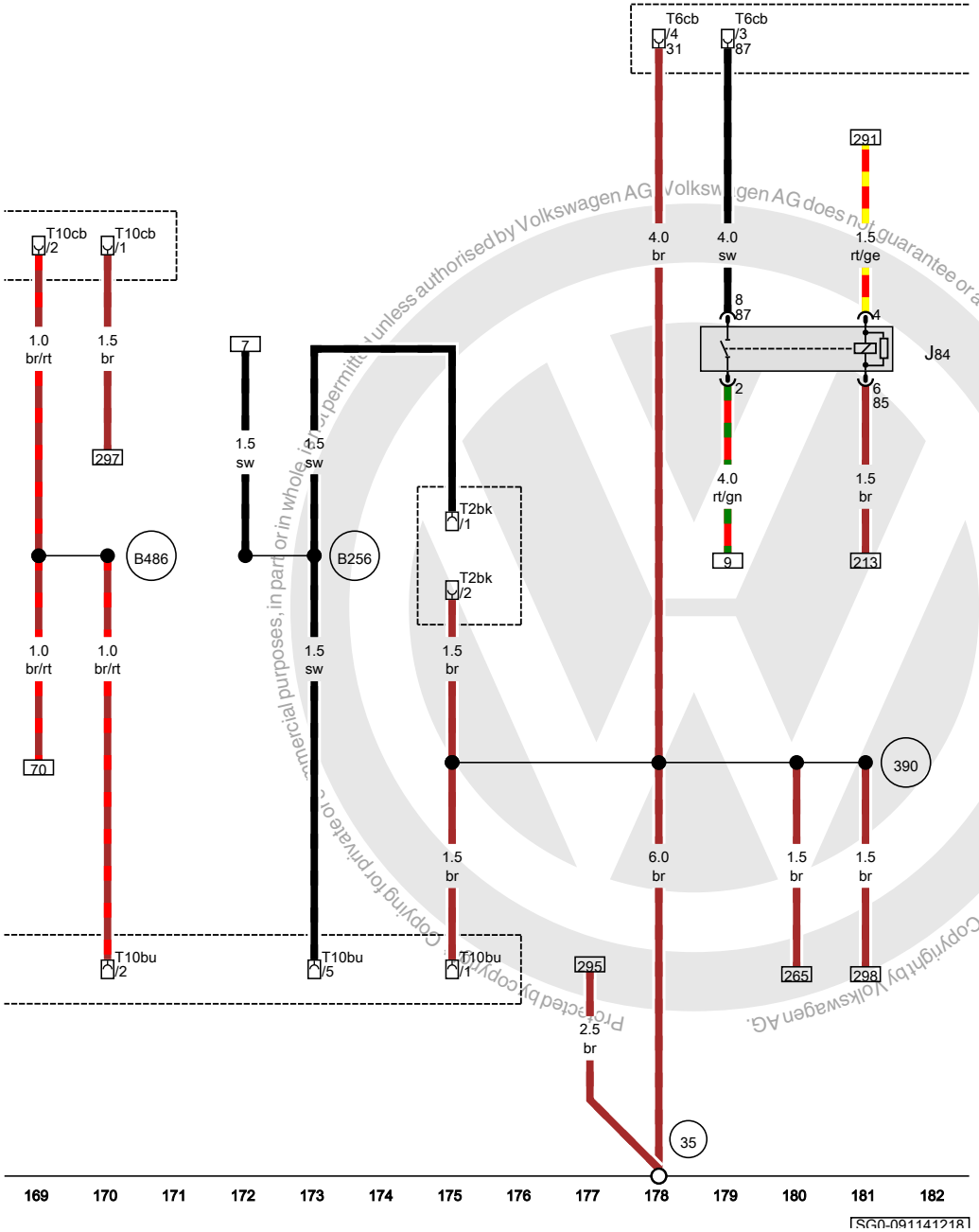

Two-way radio voltage relay, 2-pin connector, 6-pin connector, 10-pin connector, 10-pin connector

J84	Two-way radio voltage relay
T2bk	2-pin connector, black, Interface for hand-held 2-way radio, under front passenger seat
T6cb	6-pin connector, black, Interface for 2-way radio, under front passenger seat
T10bu	10-pin connector, blue, Interface for electric torch, under driver seat
T10cb	10-pin connector, black, on operating unit for blue light signal system
35	Earth point, under front passenger seat
390	Earth connection 25, in main wiring harness
B256	Positive connection (75x, police), in interior wiring harness
B486	Connection 22, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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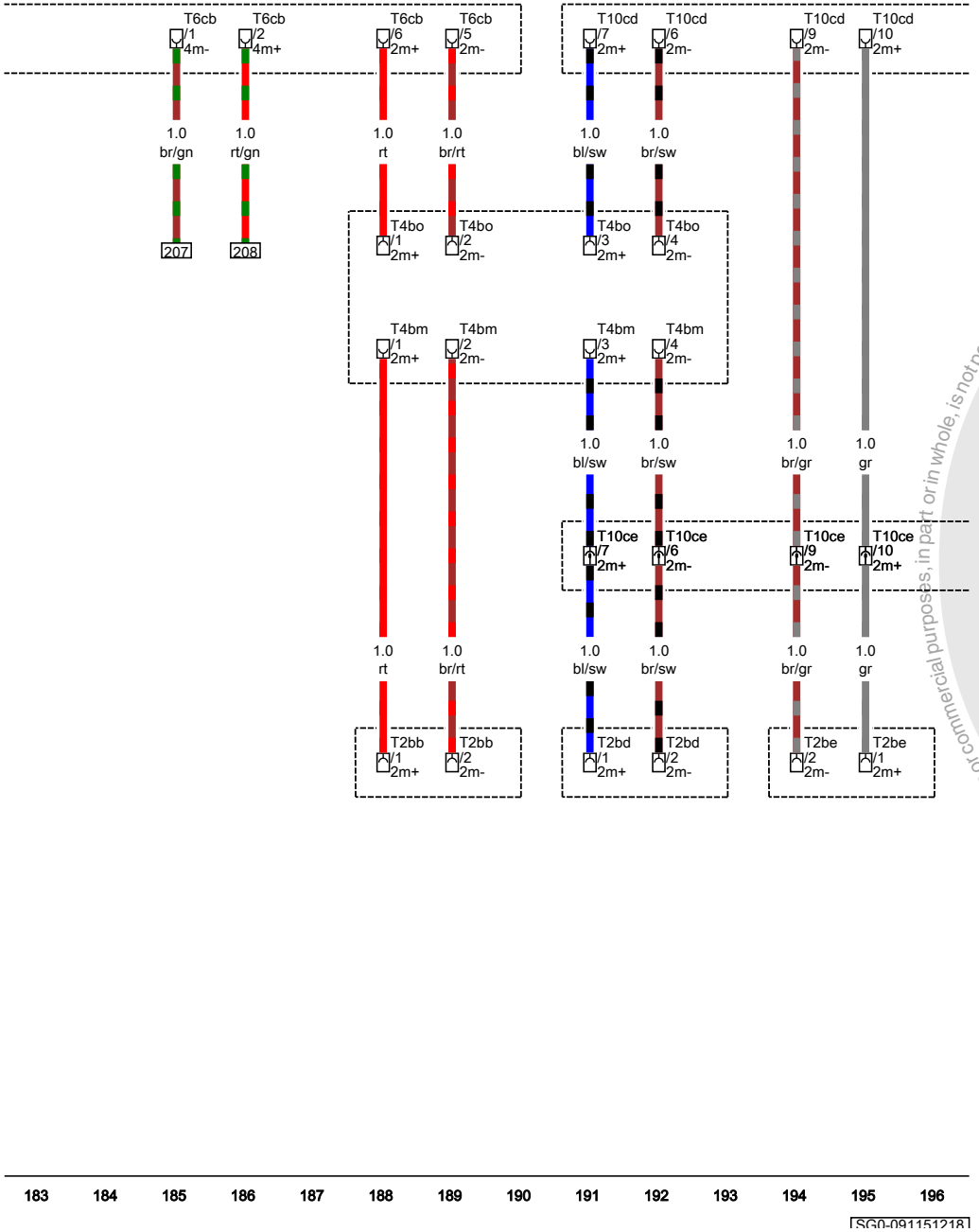

2-pin connector, 4-pin connector, 6-pin connector, 10-pin connector, 10-pin connector

T2bb	2-pin connector, black, Interface for front loudspeaker, on left in dash panel
T2bd	2-pin connector, black, Interface for centre loudspeaker, under roof near left B-pillar
T2be	2-pin connector, black, Interface for rear loudspeaker, under roof between left B-pillar and C-pillar
T4bm	4-pin connector, black, behind glove compartment
T4bo	4-pin connector, black, behind glove compartment
T6cb	6-pin connector, black, Interface for 2-way radio, under front passenger seat
T10cd	10-pin connector, dark brown, Interface for 2-way radio loudspeaker, under front passenger seat
T10ce	10-pin connector, orange, Interface for 2-way radio loudspeaker, under driver seat

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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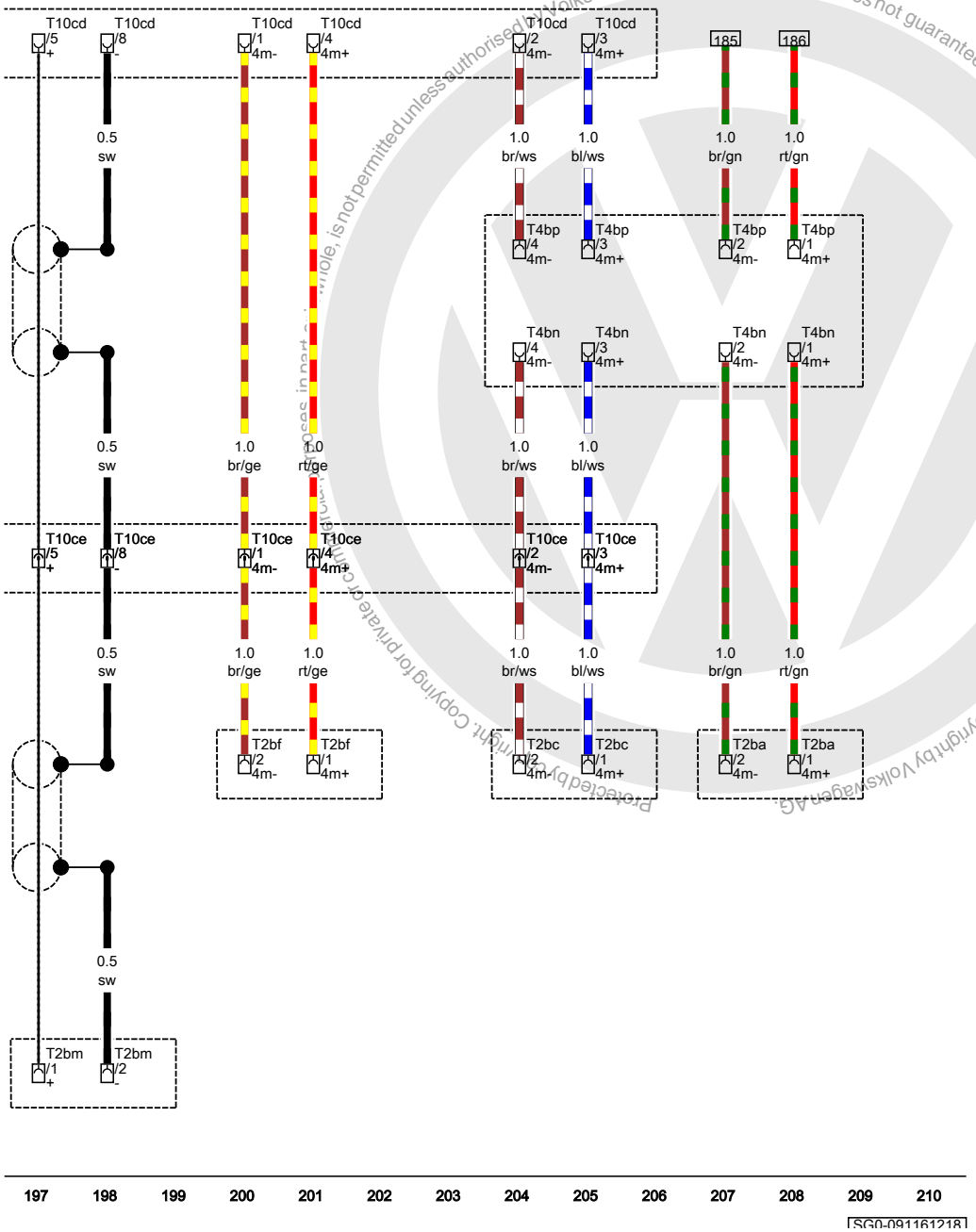

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

2-pin connector, 4-pin connector, 10-pin connector, 10-pin connector

T2ba	2-pin connector, black, Interface for front loudspeaker, on right in dash panel
T2bc	2-pin connector, black, Interface for centre loudspeaker, under roof near right B-pillar
T2bf	2-pin connector, black, Interface for rear loudspeaker, under roof between right B-pillar and C-pillar
T2bm	2-pin connector, black, Interface for microphone, on interior light
T4bn	4-pin connector, black, behind glove compartment
T4bp	4-pin connector, black, behind glove compartment
T10cd	10-pin connector, dark brown, Interface for 2-way radio loudspeaker, under front passenger seat
T10ce	10-pin connector, orange, Interface for 2-way radio loudspeaker, under driver seat

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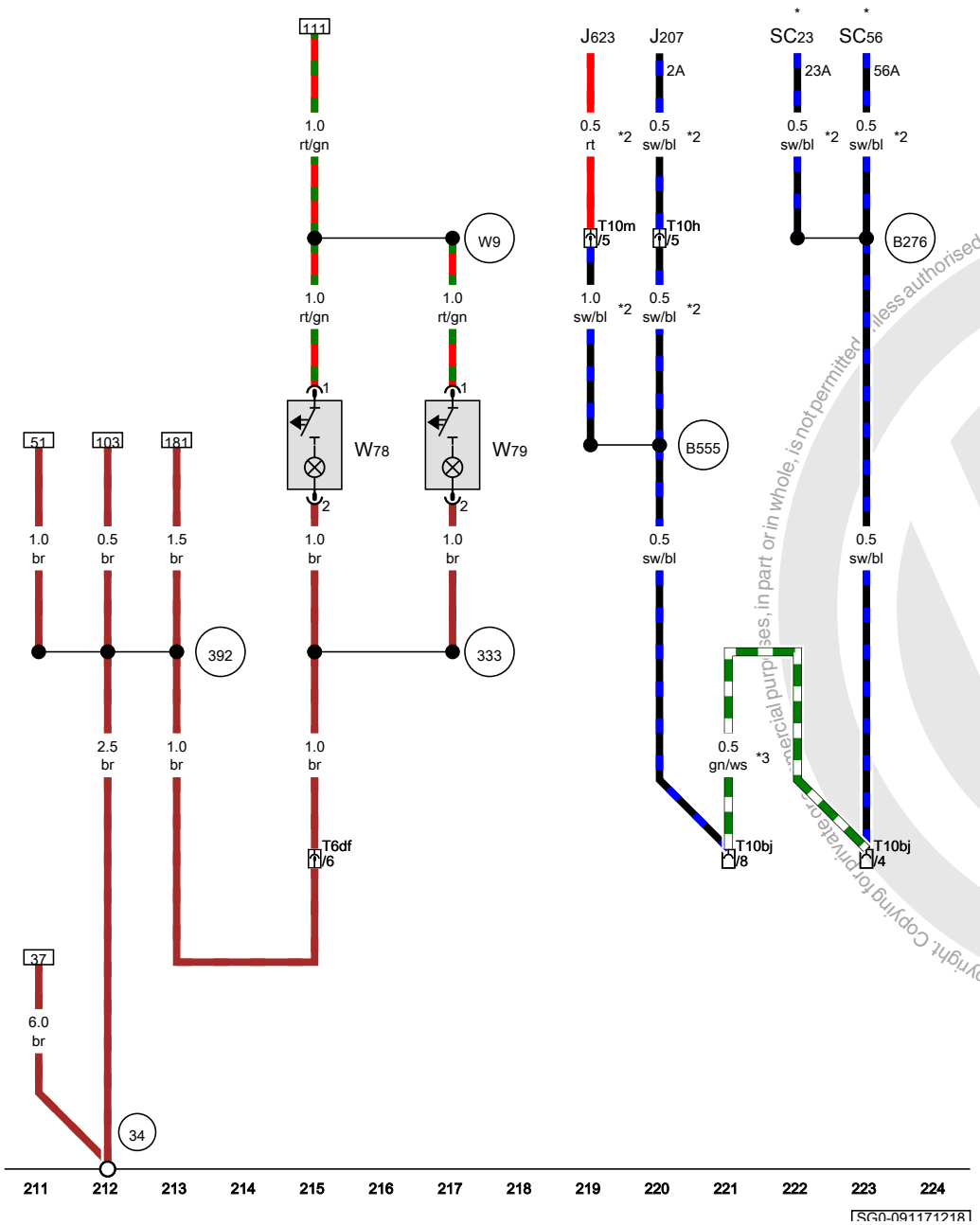
Starter inhibitor relay, Engine/motor control unit, Fuse 23 on fuse holder C, Fuse 56 on fuse holder C, 10-pin connector, Rear left reading light 2, Rear right reading light 2



J207	Starter inhibitor relay	
J623	Engine/motor control unit, in E-box	
SC23	Fuse 23 on fuse holder C	
SC56	Fuse 56 on fuse holder C	
T6df	6-pin connector, grey, under driver seat	
T10bj	10-pin connector, yellow, under driver seat	
T10h	10-pin connector, orange, in E-box in engine compartment	
T10m	10-pin connector, light pink, in E-box in engine compartment	
W78	Rear left reading light 2, near left B-pillar	
W79	Rear right reading light 2, near right B-pillar	
34	Earth point, under driver seat	
333	Earth connection 5, in rear wiring harness	
392	Earth connection 27, in main wiring harness	
B276	Positive connection (50), in main wiring harness	
B555	Positive connection 2 (50), in main wiring harness	
W9	Positive connection 1 (30), in rear wiring harness	
*	see applicable current flow diagram for fuse assignment	
*2	see applicable current flow diagram for engine	
*3	Wire could be cut by special vehicle manufacturer	

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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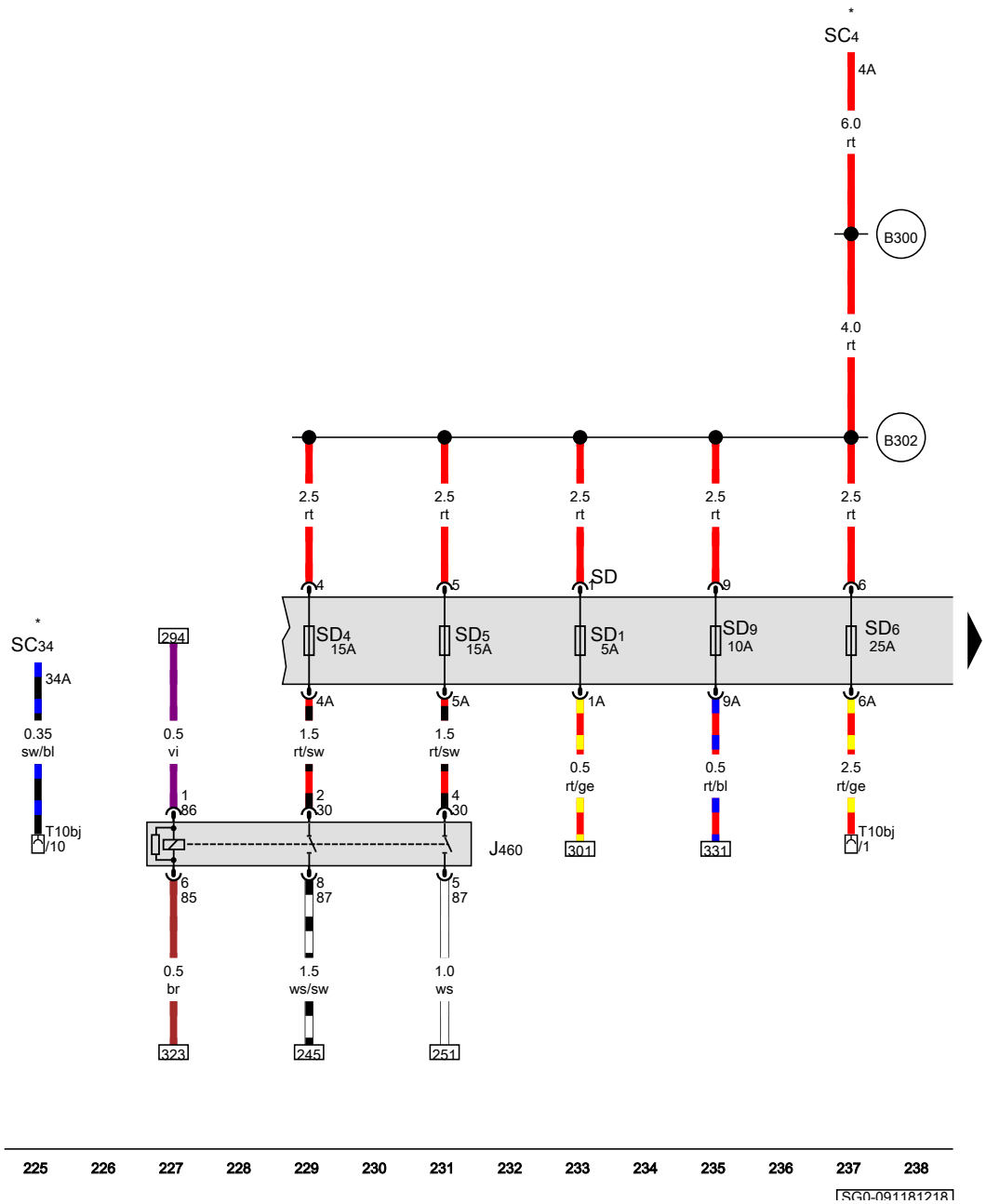
Alarm system relay 1, Fuse holder D, 10-pin connector

J460	Alarm system relay 1
SD1	Fuse 1 on fuse holder D
SC4	Fuse 4 on fuse holder C
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
SD6	Fuse 6 on fuse holder D
SD9	Fuse 9 on fuse holder D
SC34	Fuse 34 on fuse holder C
SD	Fuse holder D
T10bj	10-pin connector, yellow, under driver seat
B300	Positive connection 4 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
*	see applicable current flow diagram for fuse assignment



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sw	=	black
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rt	=	red
br	=	brown
gn	=	green
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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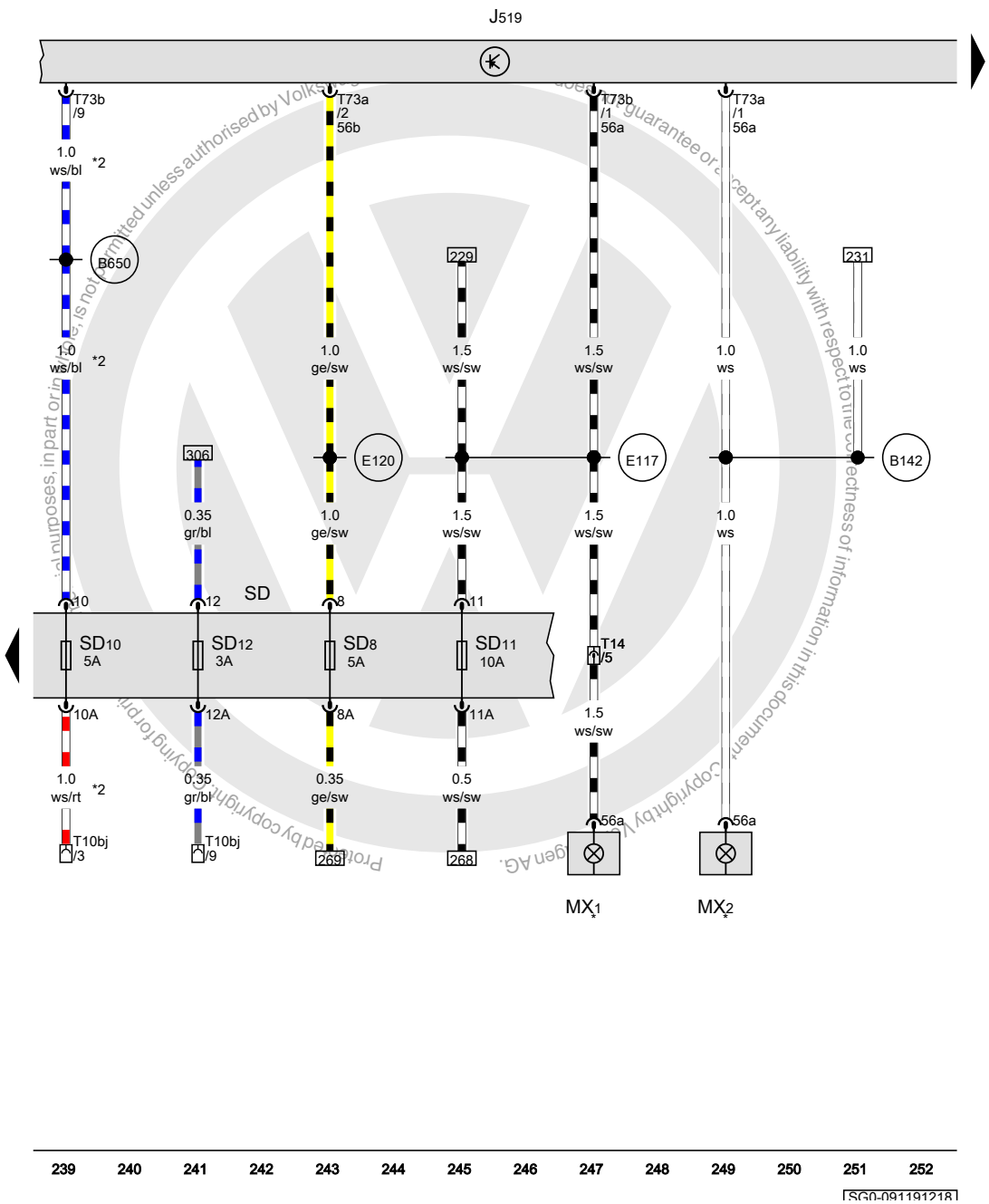
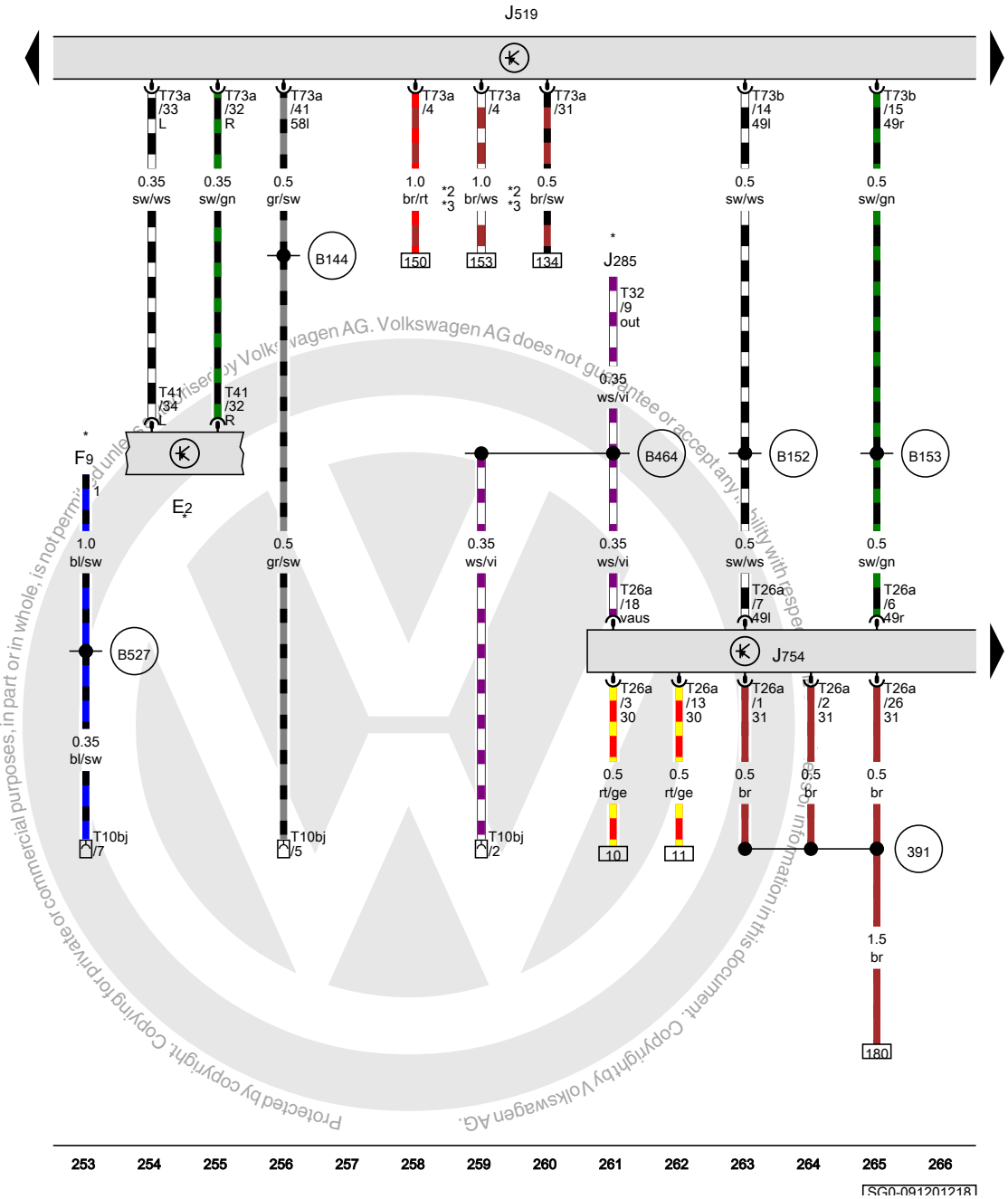


Onboard supply control unit, Fuse holder D, 10-pin connector

J519	Onboard supply control unit
MX1	Front left headlight
MX2	Front right headlight
SD	Fuse holder D
SD8	Fuse 8 on fuse holder D
SD10	Fuse 10 on fuse holder D
SD11	Fuse 11 on fuse holder D
SD12	Fuse 12 on fuse holder D
T10bj	10-pin connector, yellow, under driver seat
T14	14-pin connector, black, near horn, dual tone horn
T73a	73-pin connector, black
T73b	73-pin connector, white
B142	Positive connection 2 (56a), in interior wiring harness
B650	Connection 8, in interior wiring harness
E117	Connection (56a, left), in dash panel wiring harness
E120	Connection (56b, left), in dash panel wiring harness
*	see applicable current flow diagram for headlights
*2	For models with fog lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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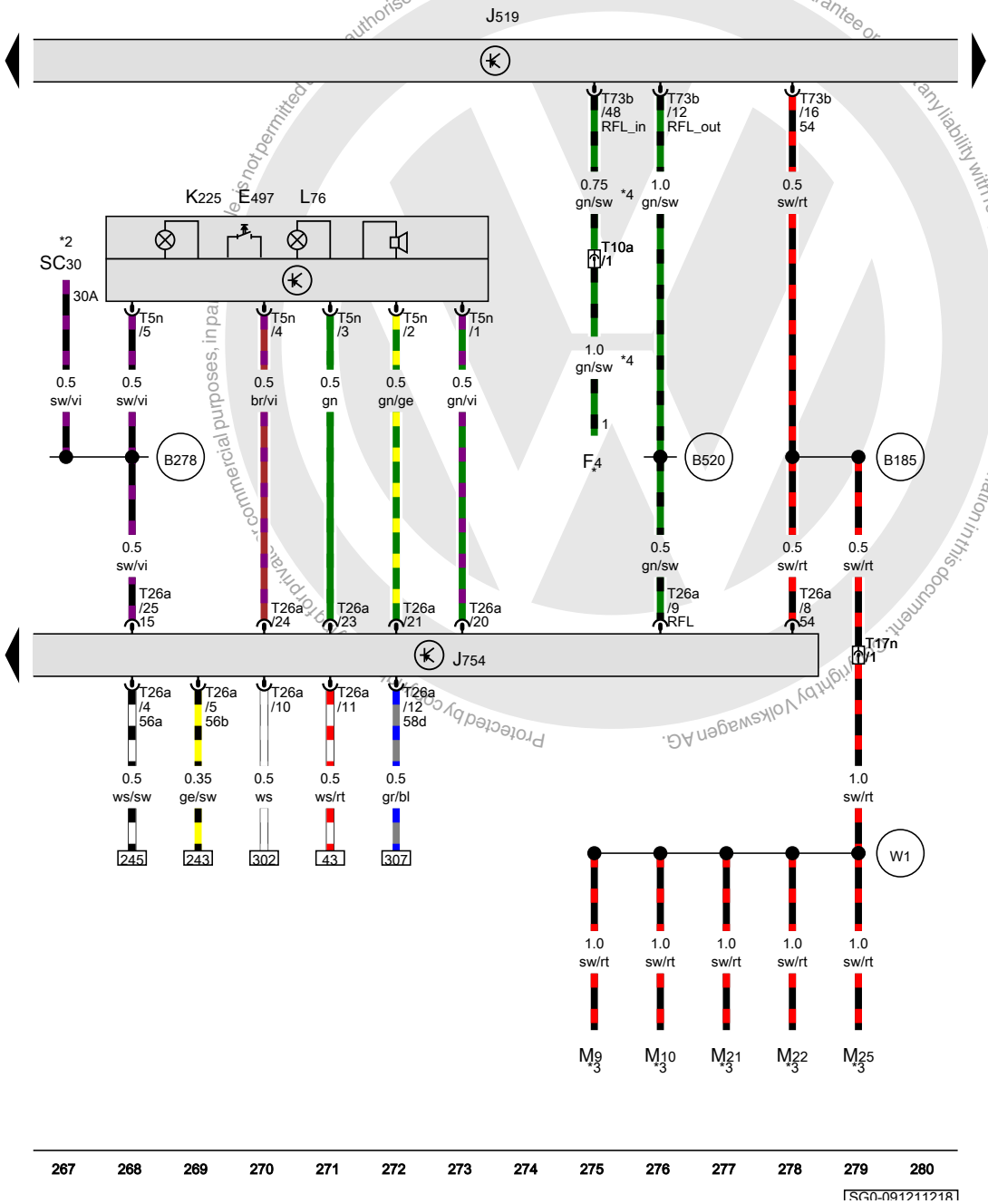
Turn signal switch, Onboard supply control unit, Accident data memory, 10-pin connector

E2	Turn signal switch
F9	Handbrake warning switch
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J754	Accident data memory, under front passenger seat
T10bj	10-pin connector, yellow, under driver seat
T26a	26-pin connector, black
T32	32-pin connector, blue
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
391	Earth connection 26, in main wiring harness
B144	Positive connection (58L), in interior wiring harness
B152	Connection (LTS), in interior wiring harness
B153	Connection (RTS), in interior wiring harness
B464	Connection (speed signal), in main wiring harness
B527	Connection (handbrake), in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	According to equipment
*3	see applicable current flow diagram for interior lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Accident data recorder button, Onboard supply control unit, Accident data memory

E497	Accident data recorder button
F4	Reversing light switch
J519	Onboard supply control unit
J754	Accident data memory, under front passenger seat
K225	Accident recorder warning lamp
L76	Button illumination bulb
M9	Left brake light bulb
M10	Right brake light bulb
M21	Left brake and tail light bulb
M22	Right brake and tail light bulb
M25	High-level brake light bulb
SC30	Fuse 30 on fuse holder C
T5n	5-pin connector, black
T10a	10-pin connector, brown, in E-box in engine compartment
T17n	17-pin connector, light green, under driver seat
T26a	26-pin connector, black
T73b	73-pin connector, white
B185	Connection 2 (54), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B520	Connection (RL), in main wiring harness
W1	Positive connection 1 (54), in rear wiring harness
*	see applicable current flow diagram for engine
*2	see applicable current flow diagram for fuse assignment
*3	see applicable current flow diagram for tail light clusters
*4	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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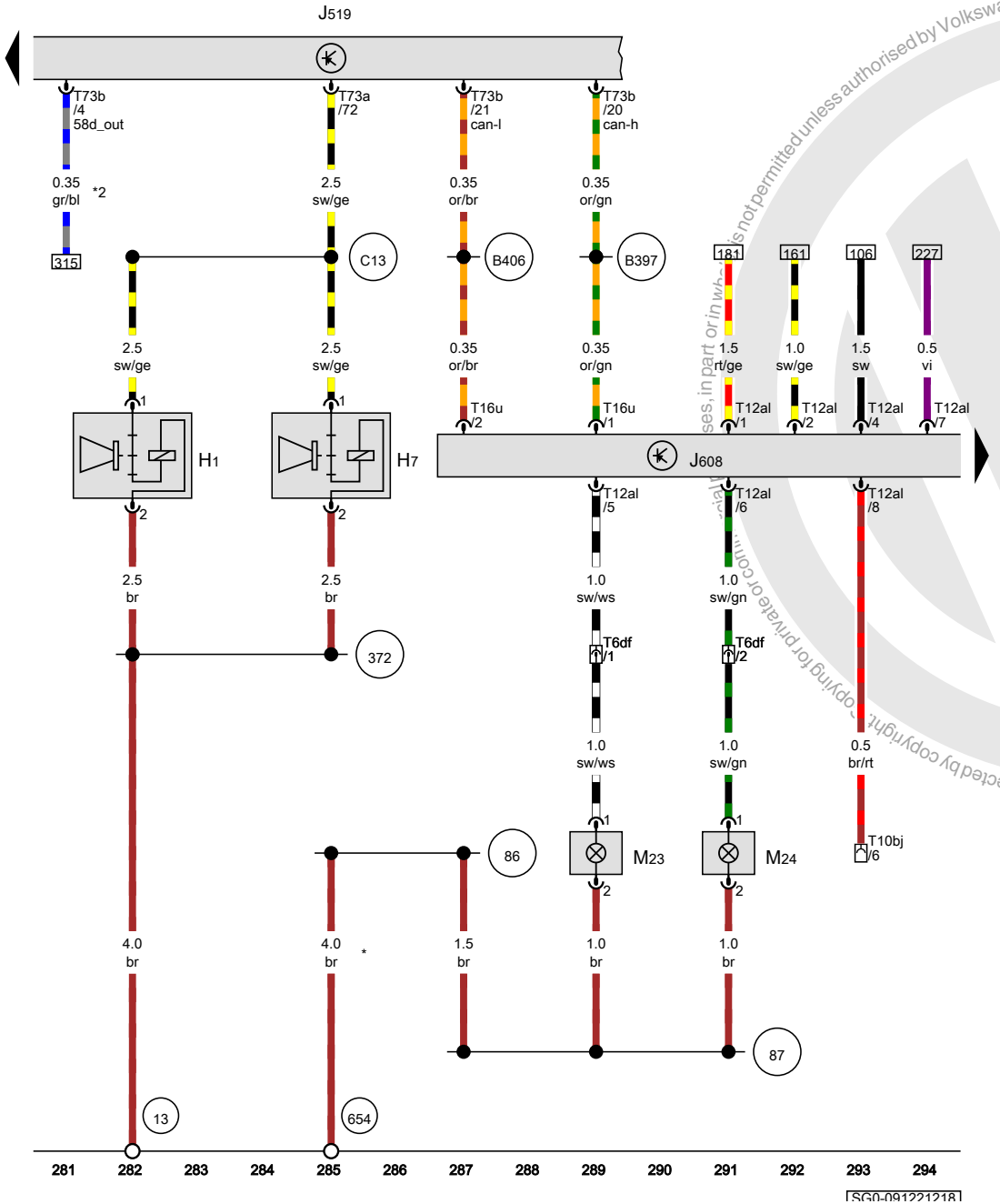

Horn or dual tone horn, Bass horn, Onboard supply control unit, Special vehicle control unit, Left roof mounted turn signal bulb, Right roof mounted turn signal bulb, 10-pin connector

H1	Horn or dual tone horn
H7	Bass horn
J519	Onboard supply control unit
J608	Special vehicle control unit, under front passenger seat
M23	Left roof mounted turn signal bulb
M24	Right roof mounted turn signal bulb
T6df	6-pin connector, grey, under driver seat
T10bj	10-pin connector, yellow, under driver seat
T12al	12-pin connector, black
T16u	16-pin connector, brown
T73a	73-pin connector, black
T73b	73-pin connector, white
13	Earth point, on right in engine compartment
86	Earth connection 1, in rear wiring harness
87	Earth connection 2, in rear wiring harness
372	Earth connection 7, in main wiring harness
654	Earth point, on right D-pillar
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
C13	Positive connection in dual tone horn wiring harness
*	Cross-section 6.0 possible
*2	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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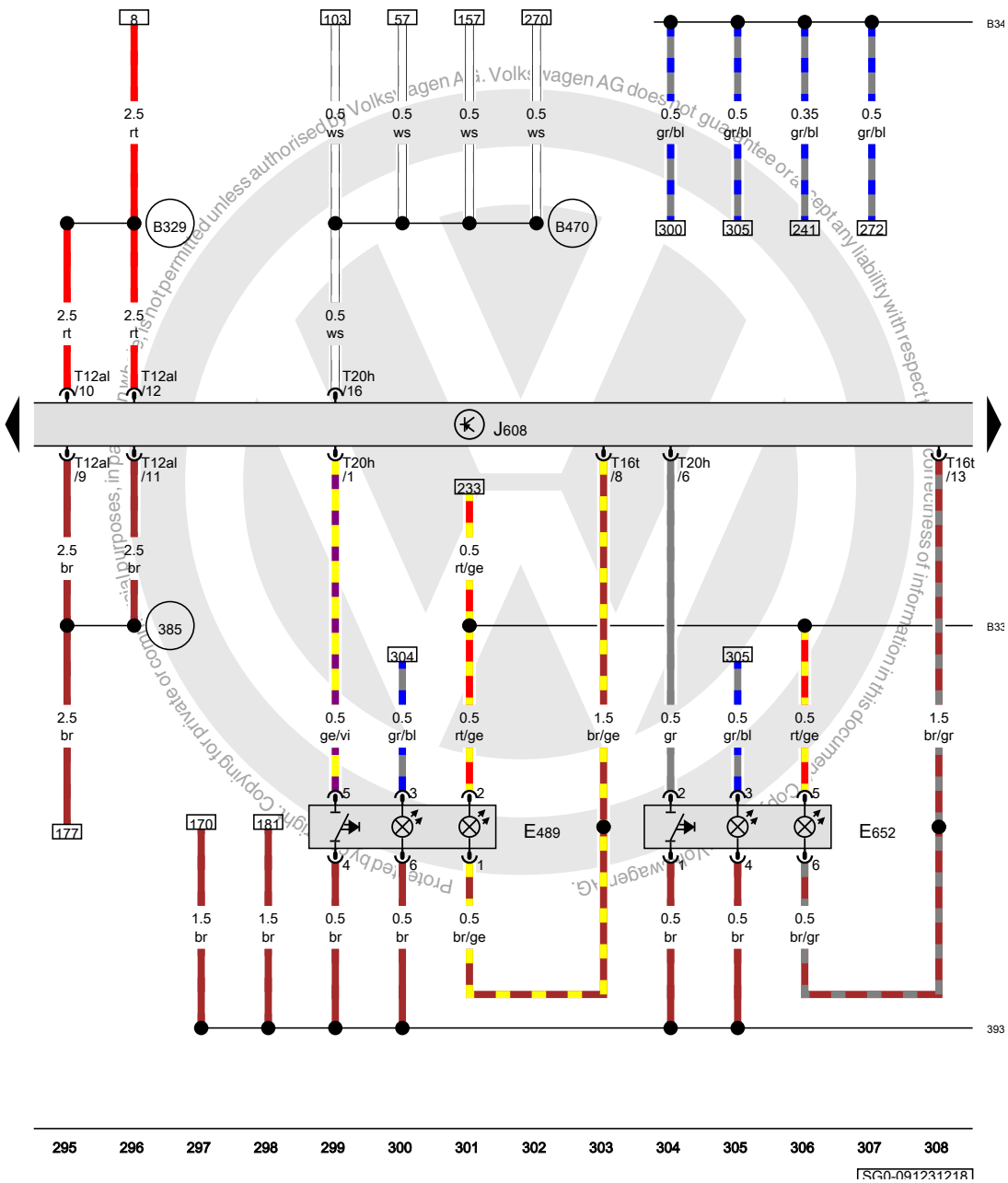

Ignition bypass button, Button for daytime running light switch-off, Special vehicle control unit

E489	Ignition bypass button
E652	Button for daytime running light switch-off
J608	Special vehicle control unit, under front passenger seat
T12al	12-pin connector, black
T16t	16-pin connector, black
T20h	20-pin connector, red
385	Earth connection 20, in main wiring harness
393	Earth connection 28, in main wiring harness
B329	Positive connection 15 (30a) in main wiring harness
B332	Positive connection 18 (30a) in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B470	Connection 6, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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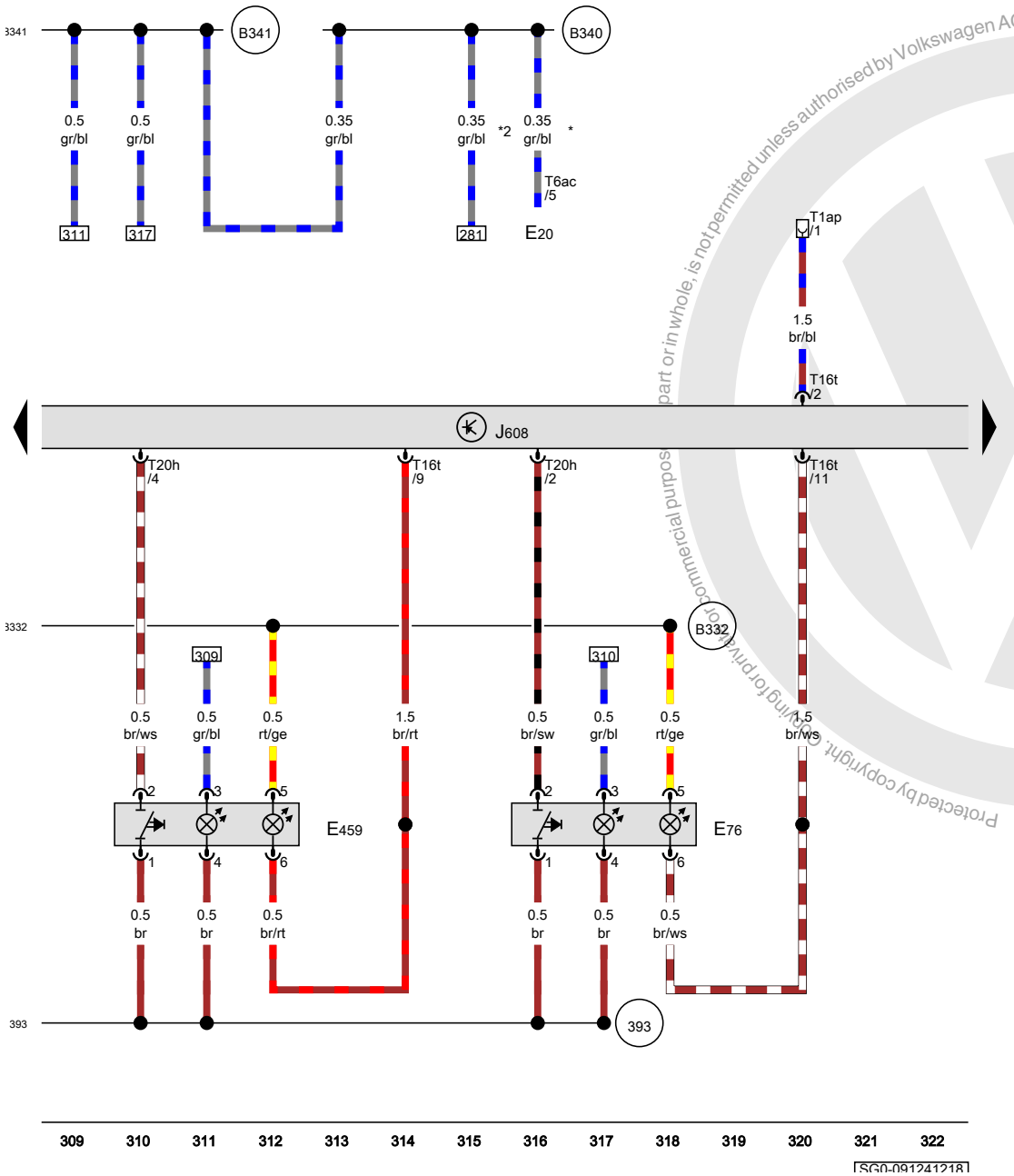
Two-way radio button, Front interior light (door contact) button, Special vehicle control unit



E20	Switch and instrument illumination regulator
E76	Two-way radio button
E459	Front interior light (door contact) button
J608	Special vehicle control unit, under front passenger seat
T1ap	1-pin connector, black, under front passenger seat
T6ac	6-pin connector, black
T16t	16-pin connector, black
T20h	20-pin connector, red
393	Earth connection 28, in main wiring harness
B332	Positive connection 18 (30a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
*	For models with dimmable instrument illumination
*2	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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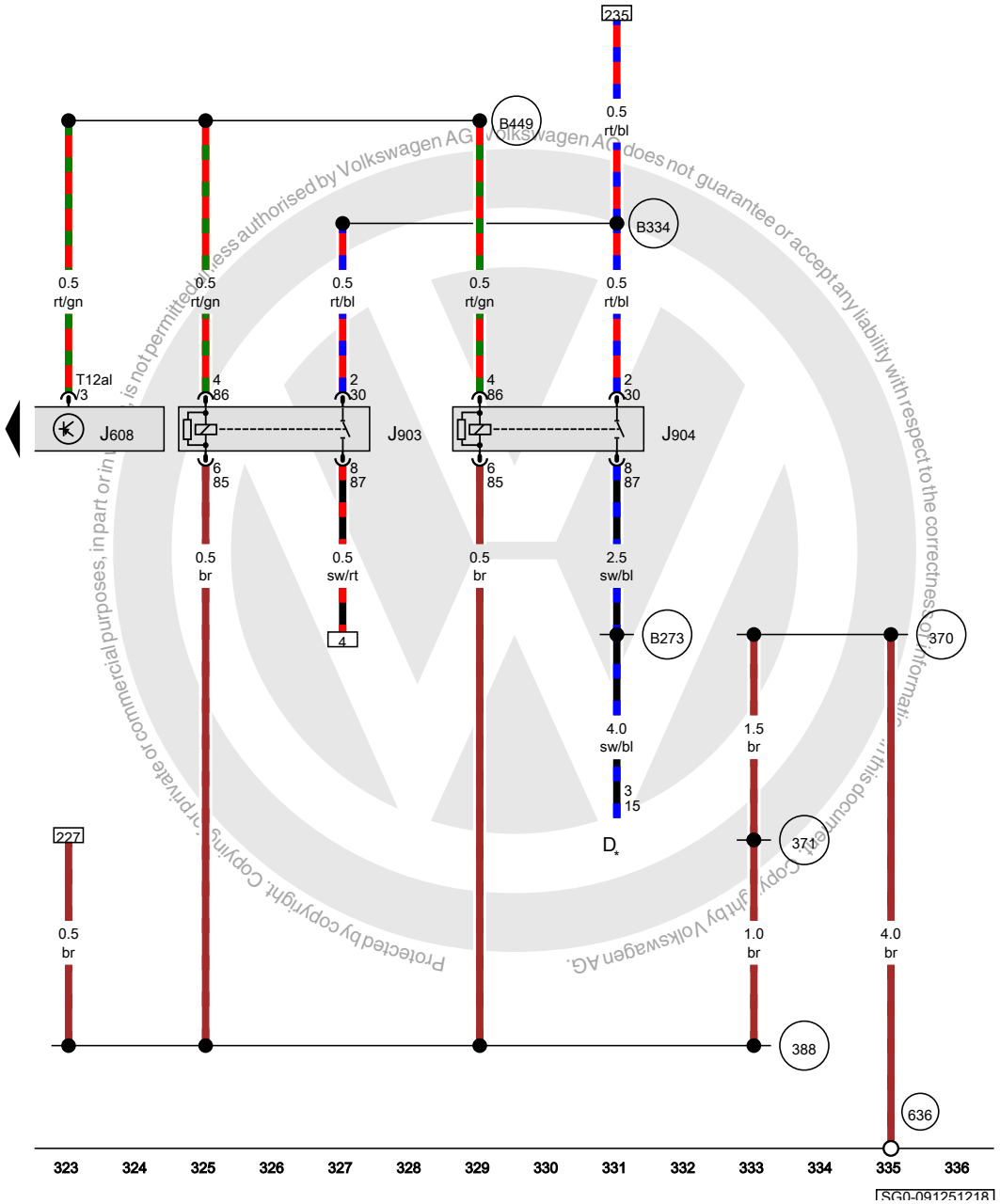
Special vehicle control unit, Relay 1 for ignition bypass, Relay 2 for ignition bypass



D	Ignition/starter switch
J608	Special vehicle control unit, under front passenger seat
J903	Relay 1 for ignition bypass
J904	Relay 2 for ignition bypass
T12al	12-pin connector, black
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
388	Earth connection 23, in main wiring harness
636	Earth point, onboard supply control unit
B273	Positive connection (15), in main wiring harness
B334	Positive connection 20 (30a) in main wiring harness
B449	Connection (emergency running), in main wiring harness
*	see applicable current flow diagram for basic equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Special equipment, police , (IS5)

From June 2015

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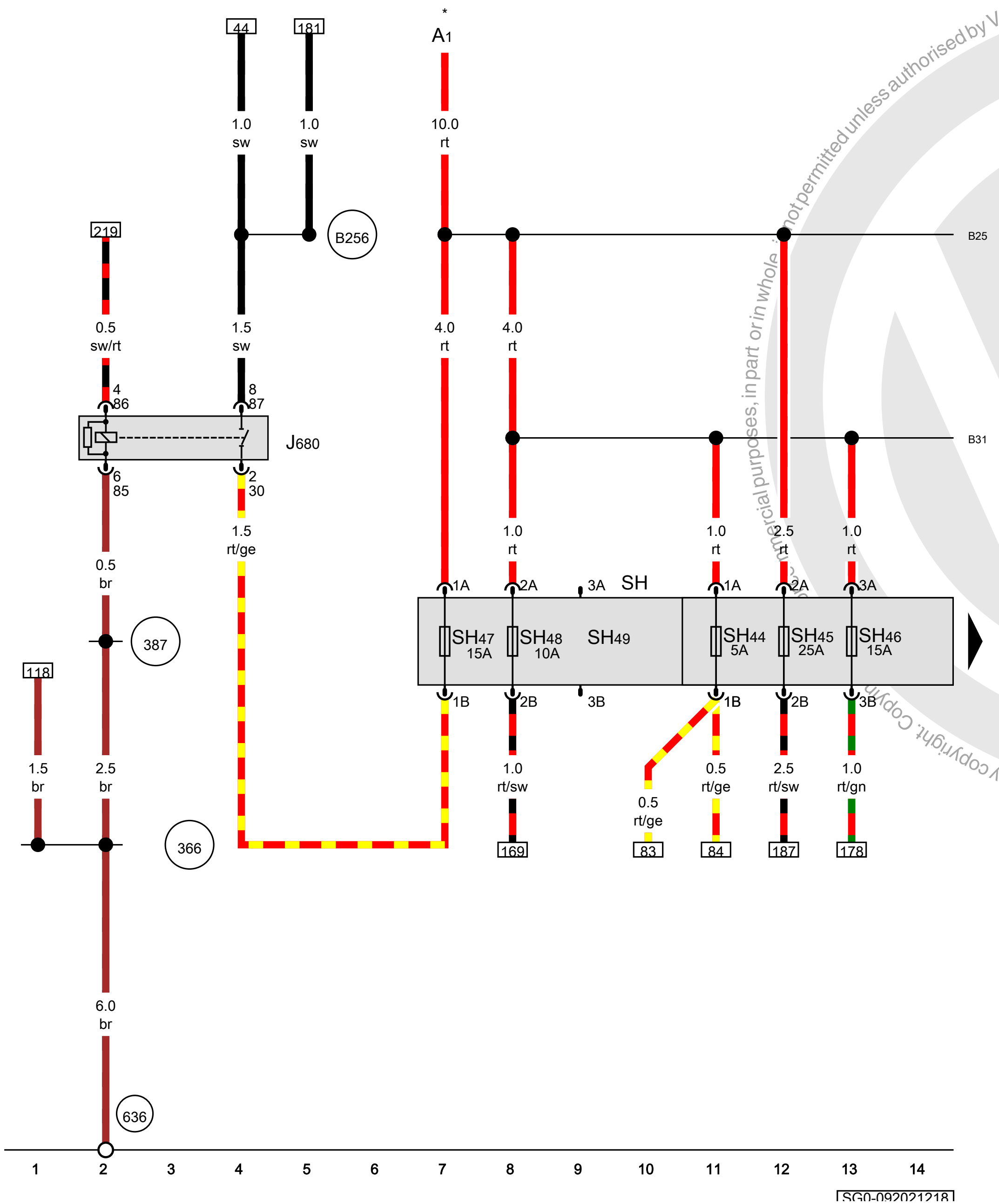
Second battery, Terminal 75 voltage supply relay 1, Fuse holder H



A1	Second battery, black
J680	Terminal 75 voltage supply relay 1
SH	Fuse holder H
SH44	Fuse 44 in fuse holder H
SH45	Fuse 45 in fuse holder H
SH46	Fuse 46 in fuse holder H
SH47	Fuse 47 in fuse holder H
SH48	Fuse 48 in fuse holder H
SH49	Fuse 49 in fuse holder H
366	Earth connection 1, in main wiring harness
387	Earth connection 22, in main wiring harness
636	Earth point, onboard supply control unit
B252	Positive connection (30, police), in interior wiring harness
B256	Positive connection (75x, police), in interior wiring harness
B313	Positive connection 17 (30), in main wiring harness
*	see applicable current flow diagram for battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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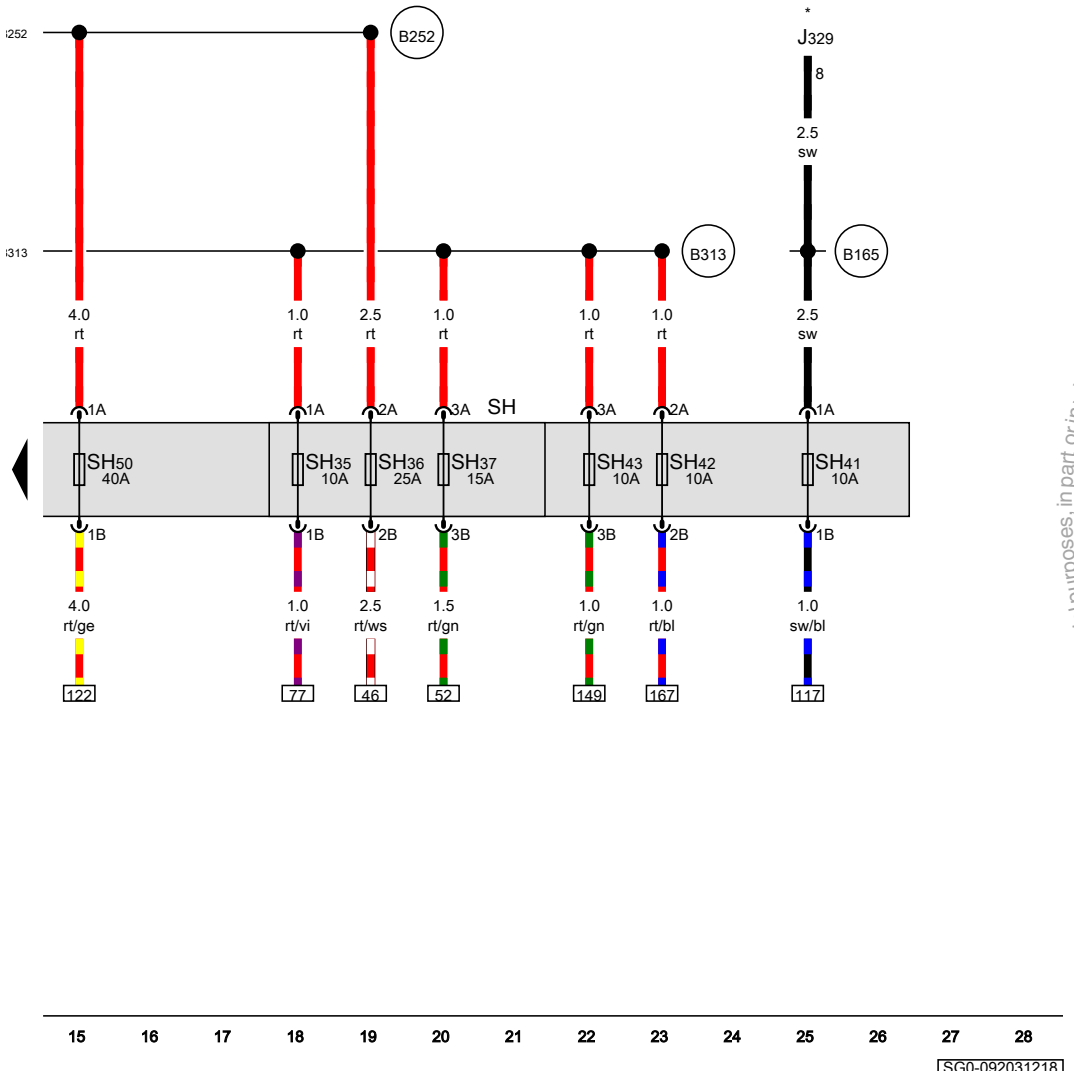
Terminal 15 voltage supply relay, Fuse holder H

J329	Terminal 15 voltage supply relay
SH	Fuse holder H
SH35	Fuse 35 in fuse holder H
SH36	Fuse 36 in fuse holder H
SH37	Fuse 37 in fuse holder H
SH41	Fuse 41 in fuse holder H
SH42	Fuse 42 in fuse holder H
SH43	Fuse 43 in fuse holder H
SH50	Fuse 50 in fuse holder H
B165	Positive connection 2 (15), in interior wiring harness
B252	Positive connection (30, police), in interior wiring harness
B313	Positive connection 17 (30), in main wiring harness
*	see applicable current flow diagram for fuse assignment



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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink

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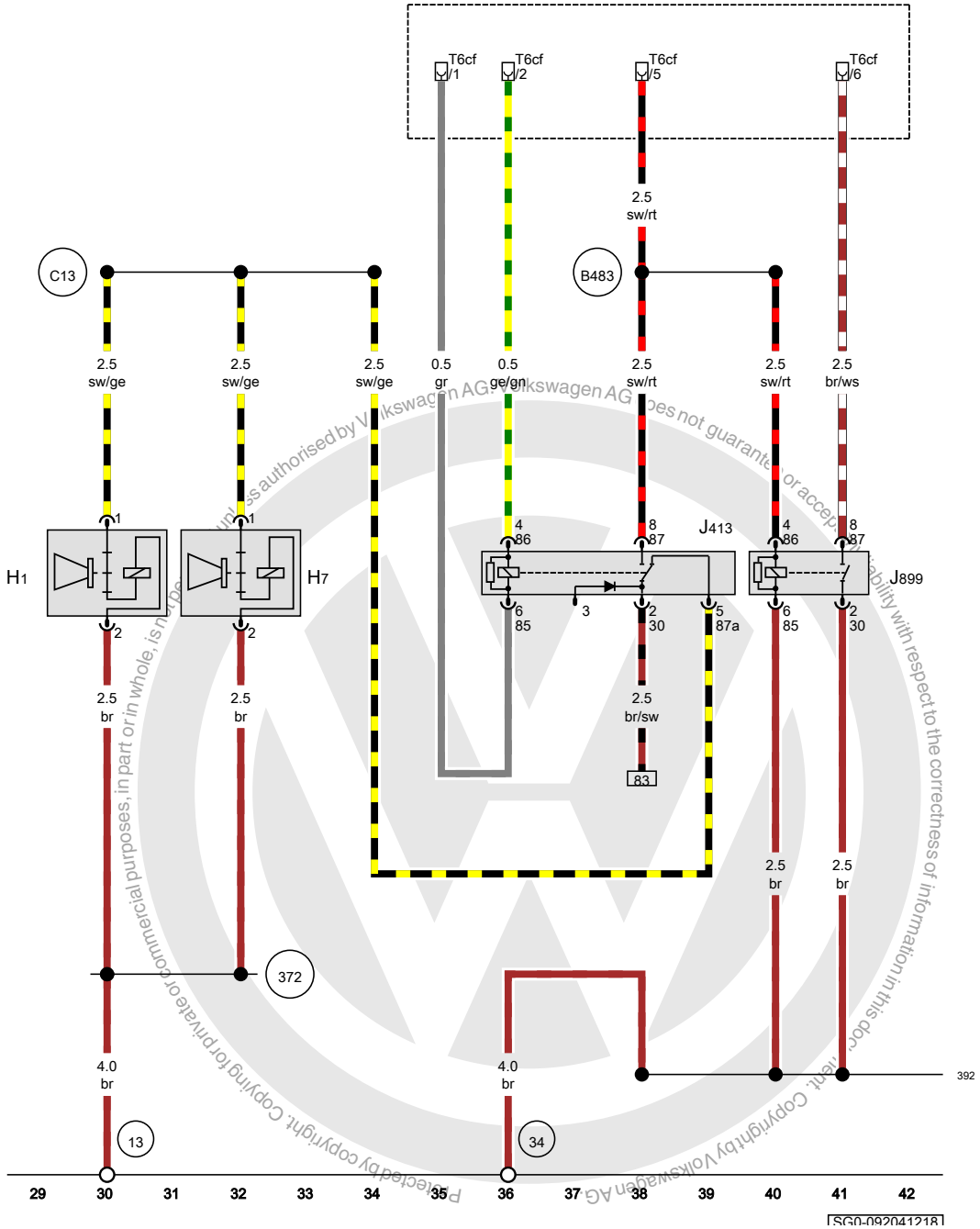

Horn or dual tone horn, Bass horn, Horn relay, Relay 2 for horn, 6-pin connector

H1	Horn or dual tone horn
H7	Bass horn
J413	Horn relay
J899	Relay 2 for horn, under seat on front left
T6cf	6-pin connector, white, Interface for signal system 4, under front passenger seat
13	Earth point, on right in engine compartment
34	Earth point, under driver seat
372	Earth connection 7, in main wiring harness
392	Earth connection 27, in main wiring harness
B483	Connection 19, in main wiring harness
C13	Positive connection in dual tone horn wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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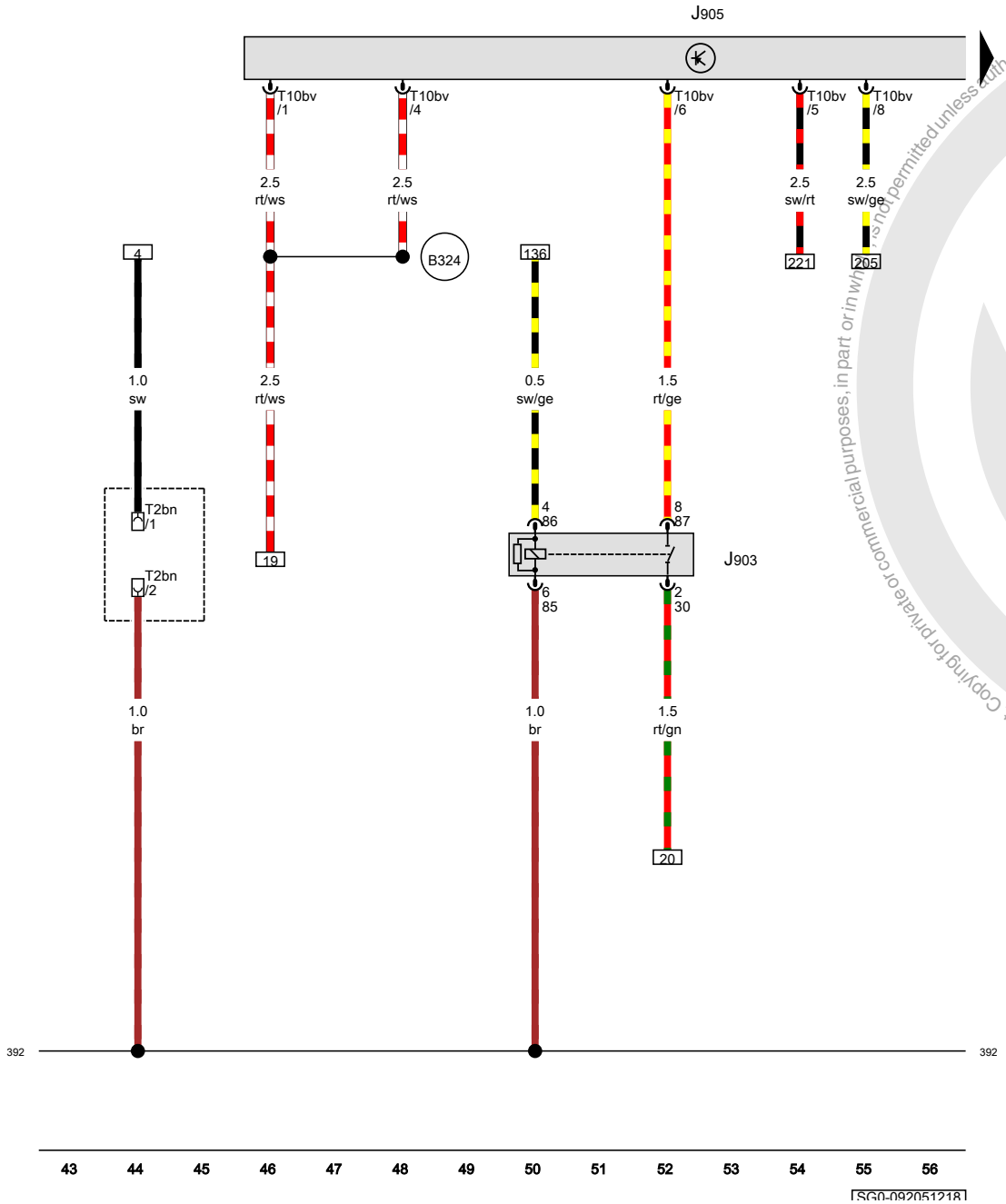
Relay 1 for ignition bypass, Control unit for ignition bypass, 2-pin connector

J903	Relay 1 for ignition bypass, under seat on front left
J905	Control unit for ignition bypass, under seat on front left
T2bn	2-pin connector, black, Interface for electric torch, under driver seat
T10bv	10-pin connector, pink
392	Earth connection 27, in main wiring harness
B324	Positive connection 10 (30a) in main wiring harness



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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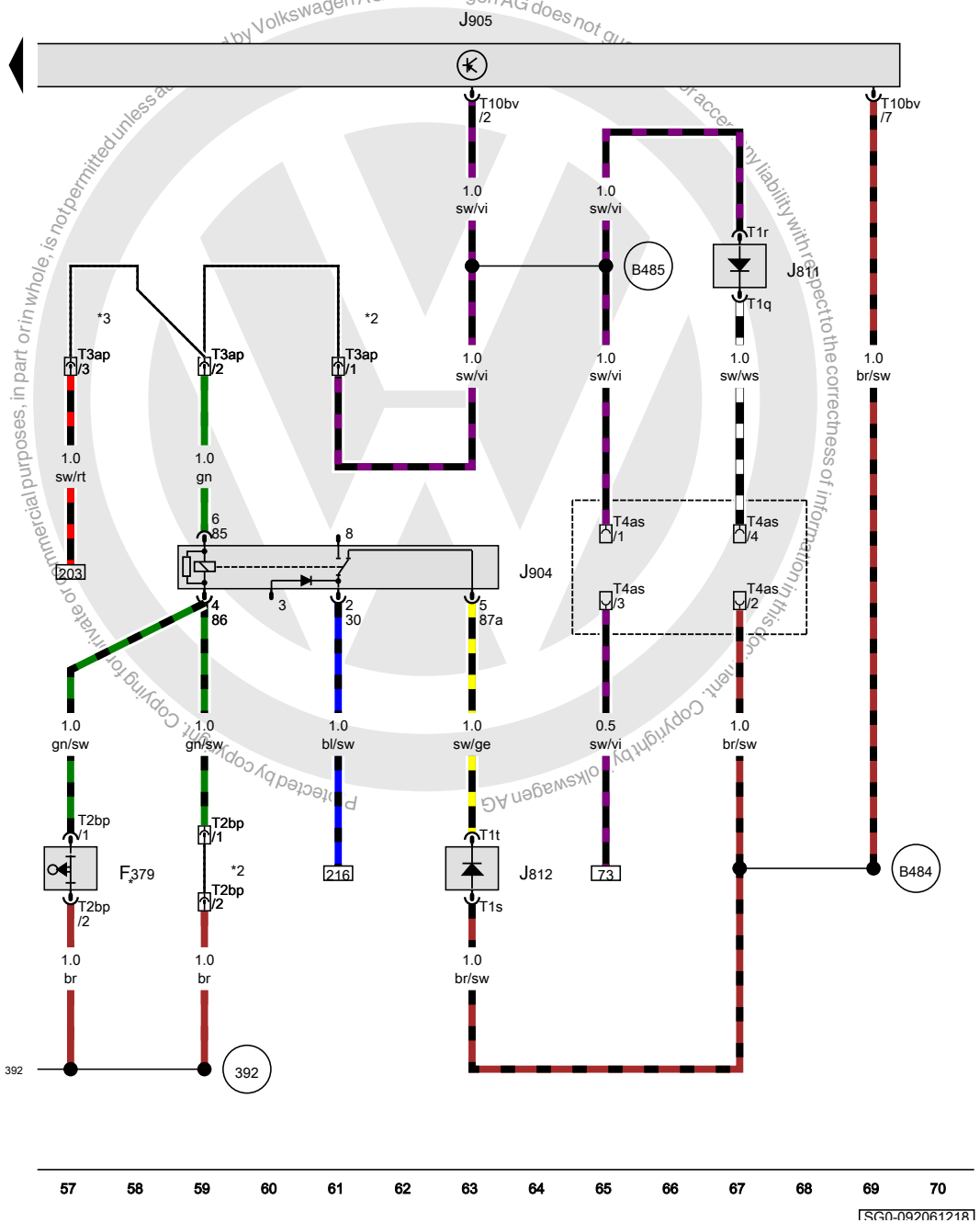

Clutch pedal switch 2, Blocking diode 3, Relay 2 for ignition bypass, Control unit for ignition bypass, 4-pin connector

F379	Clutch pedal switch 2
J811	Blocking diode 2, in console
J812	Blocking diode 3, under seat on front left
J904	Relay 2 for ignition bypass
J905	Control unit for ignition bypass, under seat on front left
T1q	1-pin connector, yellow
T1r	1-pin connector, blue, yellow
T1s	1-pin connector, yellow
T1t	1-pin connector, yellow
T2bp	2-pin connector, black, Interface for clutch pedal switch
T3ap	3-pin connector, black, Push-in bridge for automatic gearbox/ manual gearbox
T4as	4-pin connector, black, Interface for ignition bypass button
T10bv	10-pin connector, pink
392	Earth connection 27, in main wiring harness
B484	Connection 20, in main wiring harness
B485	Connection 21, in main wiring harness
*	For models with manual gearbox
*2	Push-in bridge for automatic gearbox
*3	Push-in bridge for manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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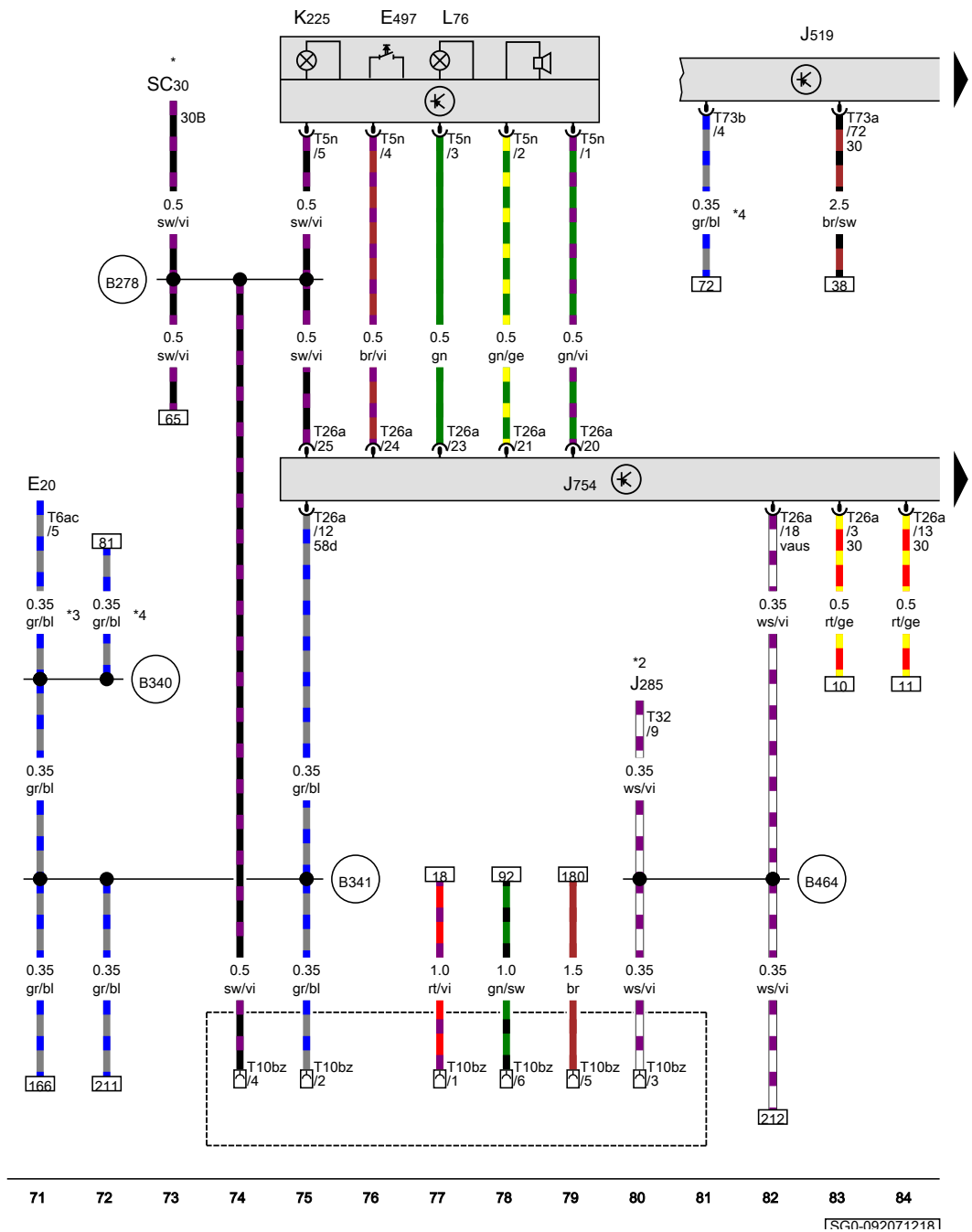

Accident data recorder button, Onboard supply control unit, Accident data memory

E20	Switch and instrument illumination regulator
E497	Accident data recorder button
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J754	Accident data memory, under front passenger seat
K225	Accident recorder warning lamp
L76	Button illumination bulb
SC30	Fuse 30 on fuse holder C
T5n	5-pin connector, black
T6ac	6-pin connector, black
T10bz	10-pin connector, green, under front passenger seat
T26a	26-pin connector, black
T32	32-pin connector, blue
T73a	73-pin connector, black
T73b	73-pin connector, white
B278	Positive connection 2 (15a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B464	Connection (speed signal), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for basic equipment
*3	For models with dimmable instrument illumination
*4	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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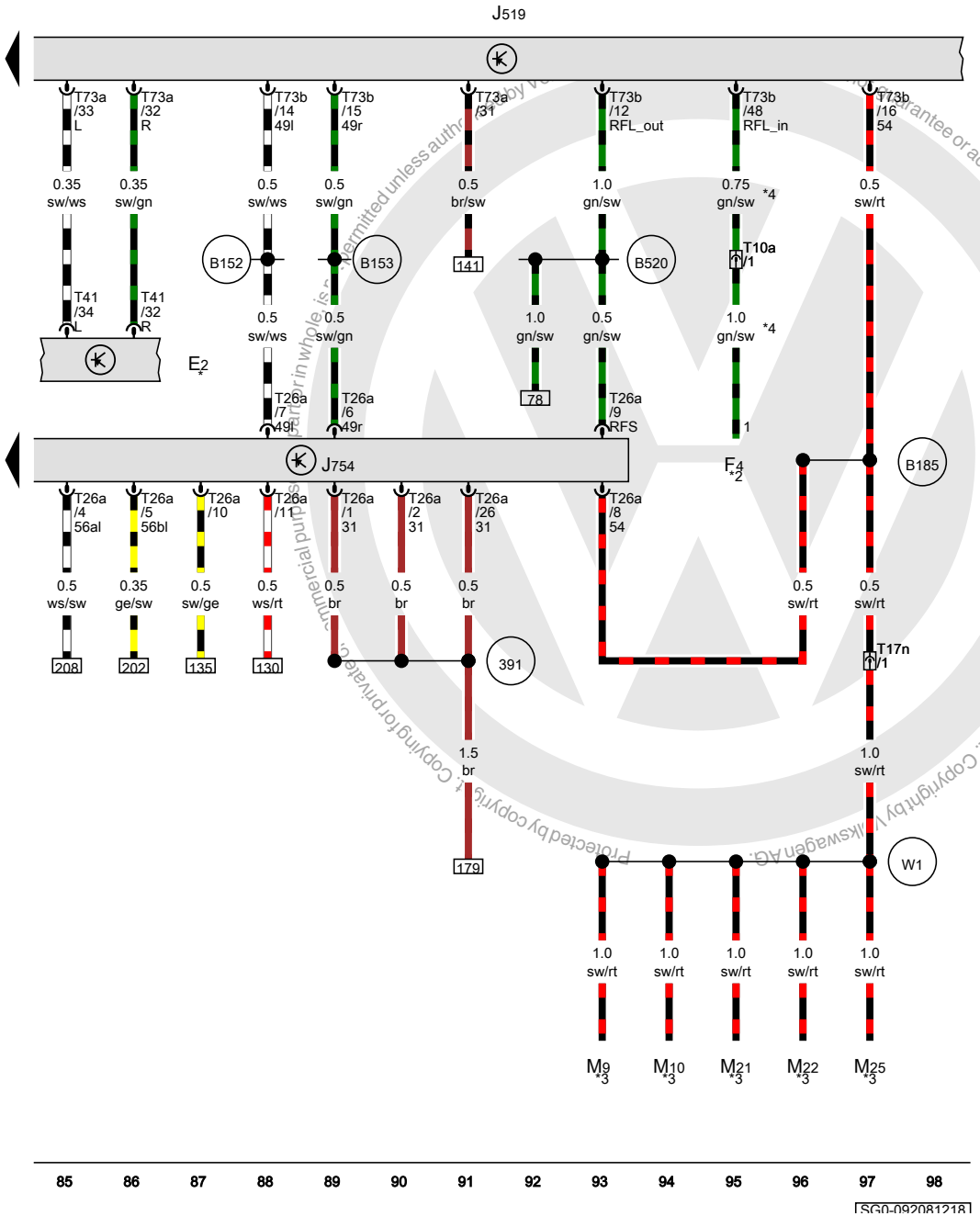

Turn signal switch, Onboard supply control unit, Accident data memory

E2	Turn signal switch
F4	Reversing light switch
J519	Onboard supply control unit
J754	Accident data memory, under front passenger seat
M9	Left brake light bulb
M10	Right brake light bulb
M21	Left brake and tail light bulb
M22	Right brake and tail light bulb
M25	High-level brake light bulb
T10a	10-pin connector, brown, in E-box in engine compartment
T17n	17-pin connector, light green, under driver seat
T26a	26-pin connector, black
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
391	Earth connection 26, in main wiring harness
B152	Connection (LTS), in interior wiring harness
B153	Connection (RTS), in interior wiring harness
B185	Connection 2 (54), in interior wiring harness
B520	Connection (RL), in main wiring harness
W1	Positive connection 1 (54), in rear wiring harness
*	see applicable current flow diagram for basic equipment
*2	see applicable current flow diagram for engine
*3	see applicable current flow diagram for tail light clusters
*4	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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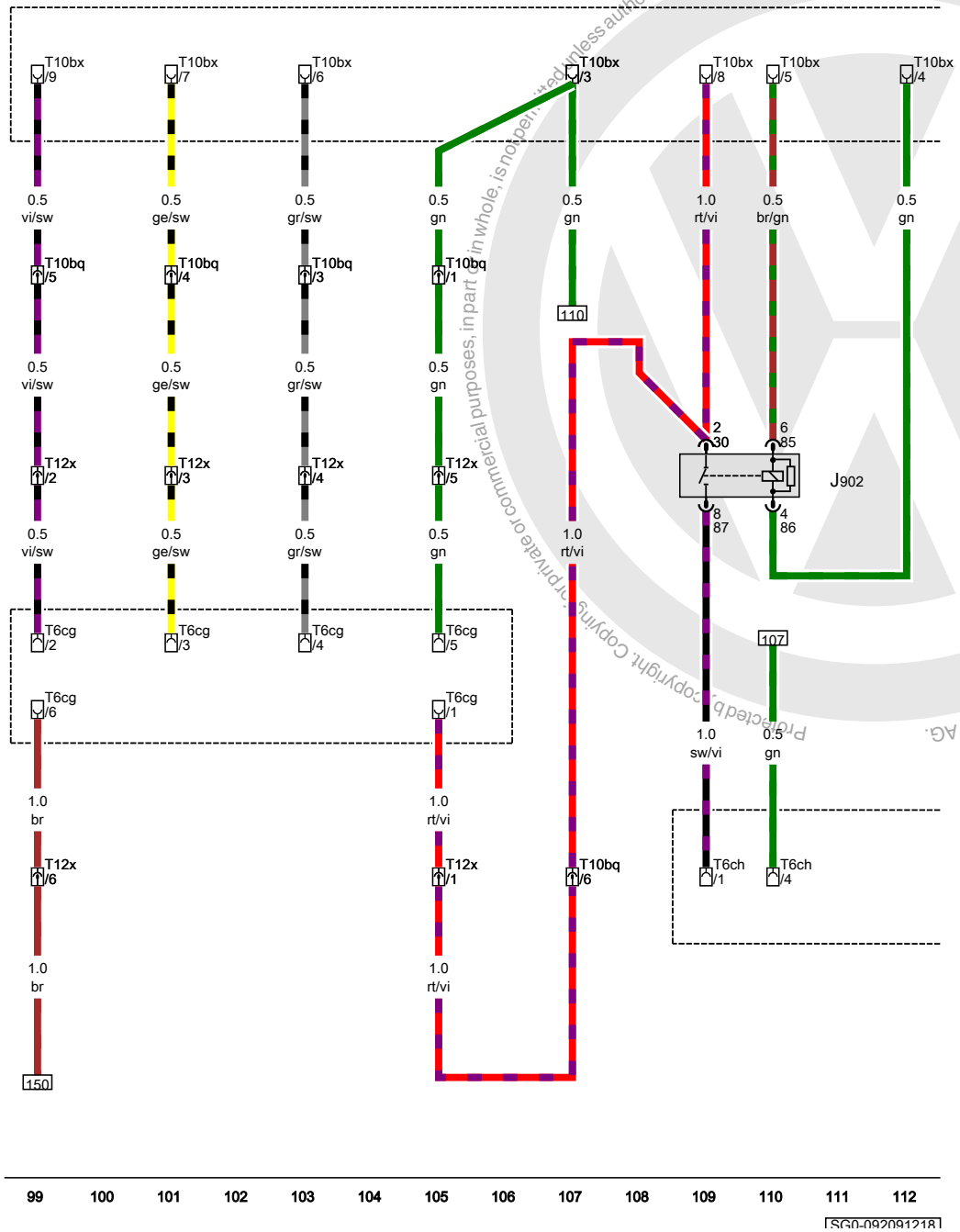
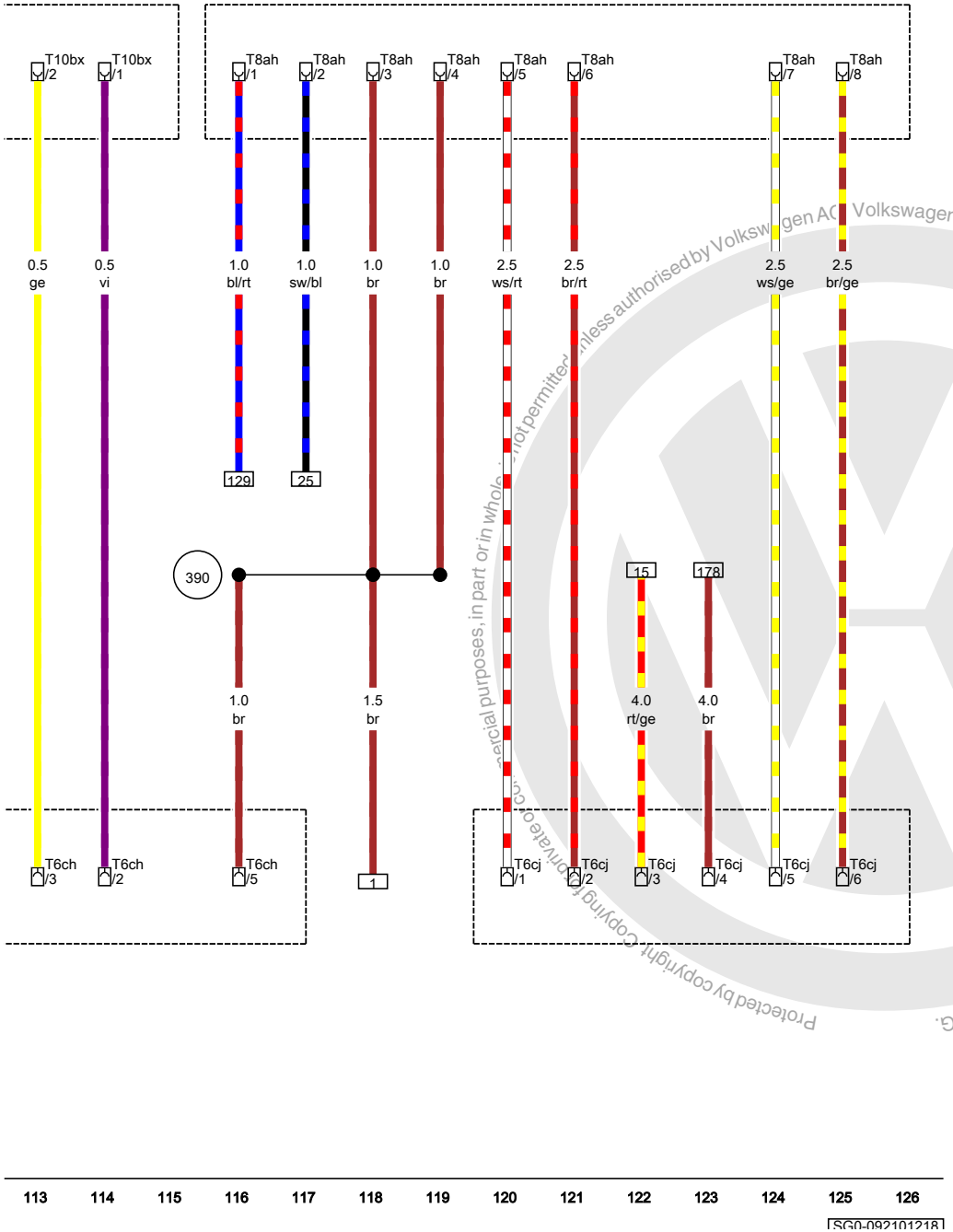


Relay for front "stop" command light, 6-pin connector, 6-pin connector, 10-pin connector

J902	Relay for front "stop" command light, under seat on front left
T6cg	6-pin connector, black, Interface for rear "stop" command light, in rear lid
T6ch	6-pin connector, black, Interface for front "stop" command light, on air filter
T10bq	10-pin connector, orange, under driver seat
T10bx	10-pin connector, blue, Interface 3 for signal system, under front passenger seat
T12x	12-pin connector, brown, near left D-pillar

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



6-pin connector, 6-pin connector, 8-pin connector, 10-pin connector

T6ch	6-pin connector, black, Interface for front "stop" command light, on air filter
T6cj	6-pin connector, black, Interface for signal system 1, under front passenger seat
T8ah	8-pin connector, black, Interface for loudspeaker/ front flashing LED lights, on air filter
T10bx	10-pin connector, blue, Interface 3 for signal system, under front passenger seat
390	Earth connection 25, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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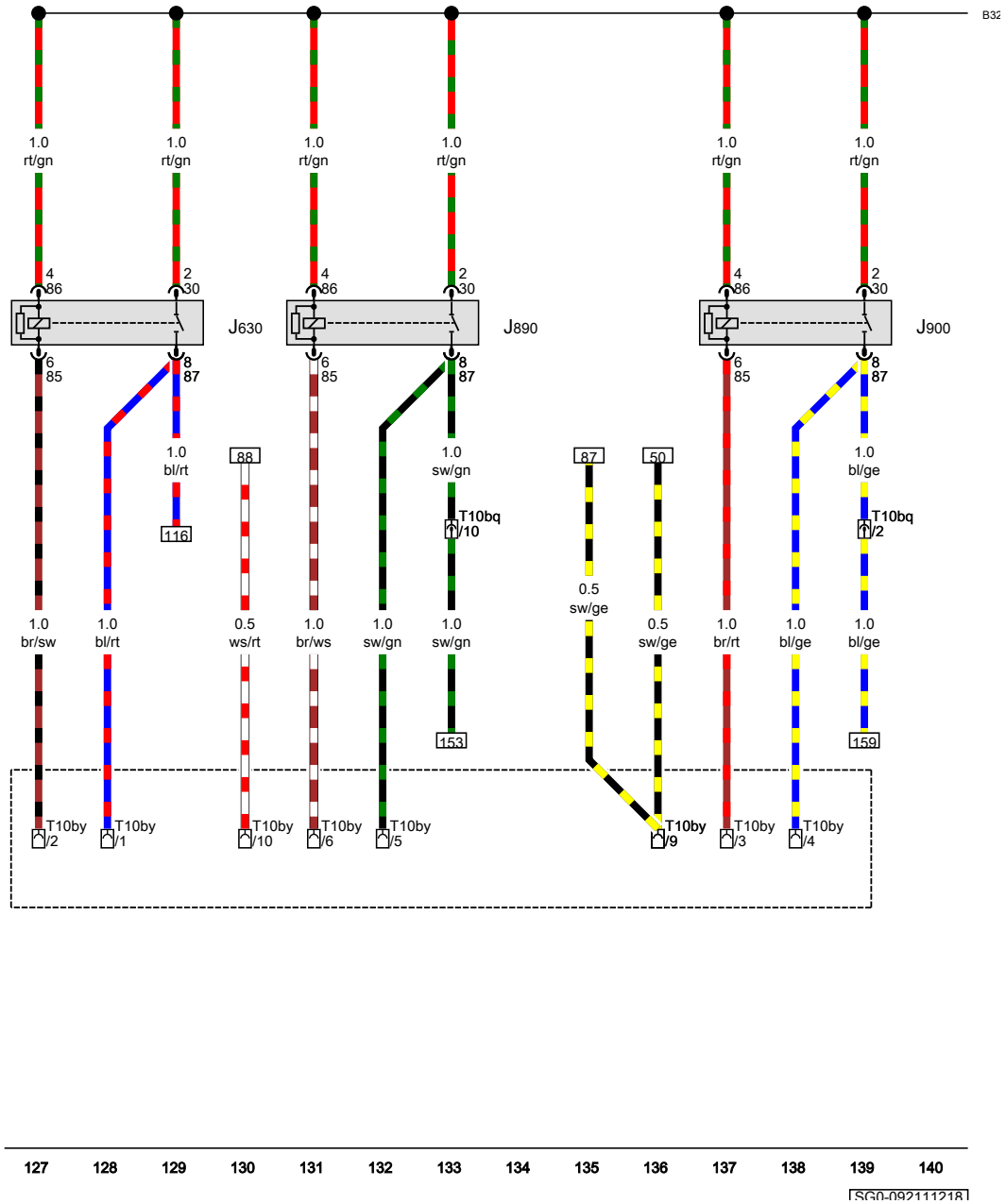
Flashing lights relay, Flashing lights relay 2, Flashing lights relay 3, 10-pin connector

J630	Flashing lights relay, under seat on front left
J890	Flashing lights relay 2, under seat on front left
J900	Flashing lights relay 3, under seat on front left
T10bq	10-pin connector, orange, under driver seat
T10by	10-pin connector, black, Interface 2 for signal system, under front passenger seat
B325	Positive connection 11 (30a) in main wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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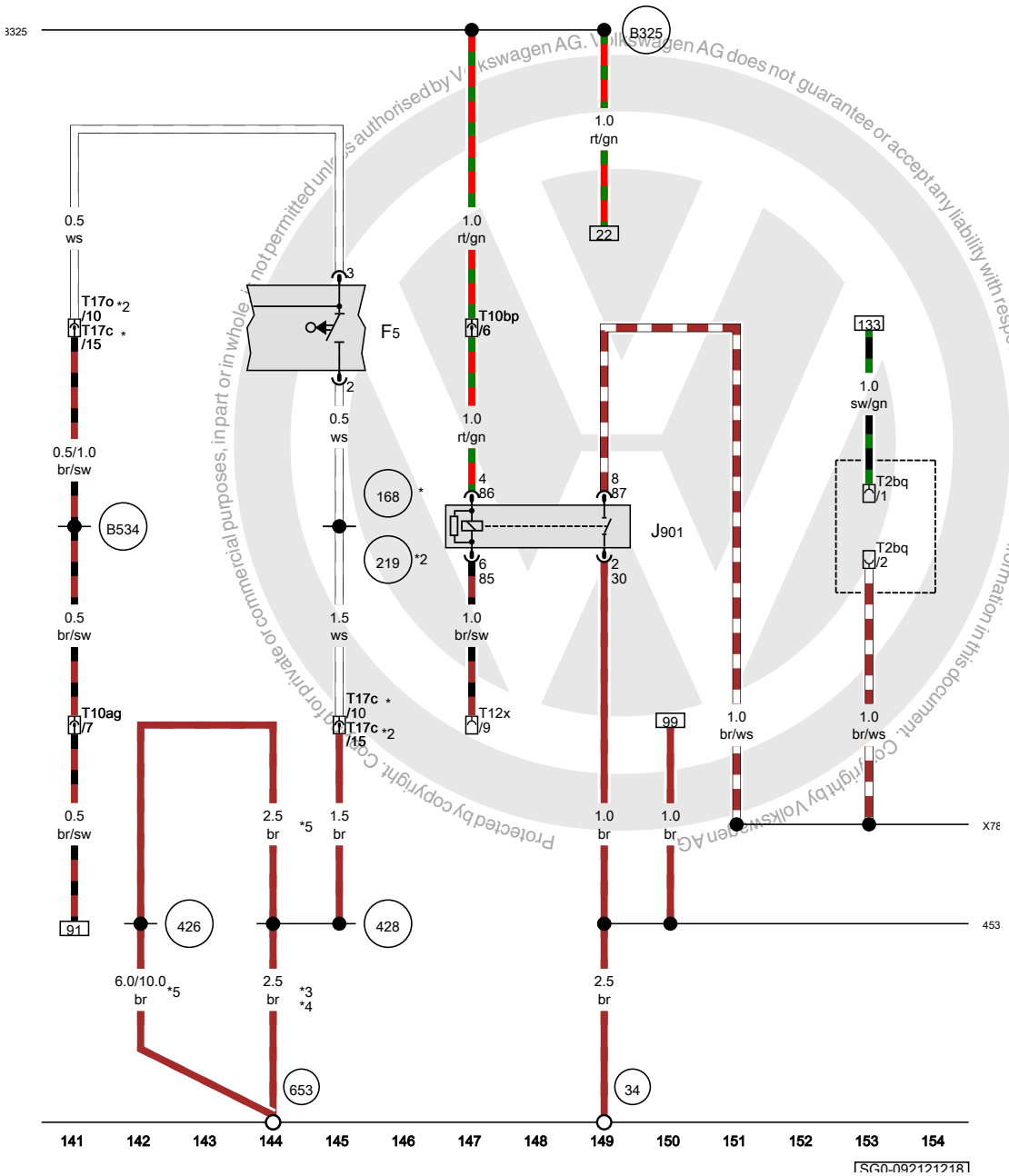

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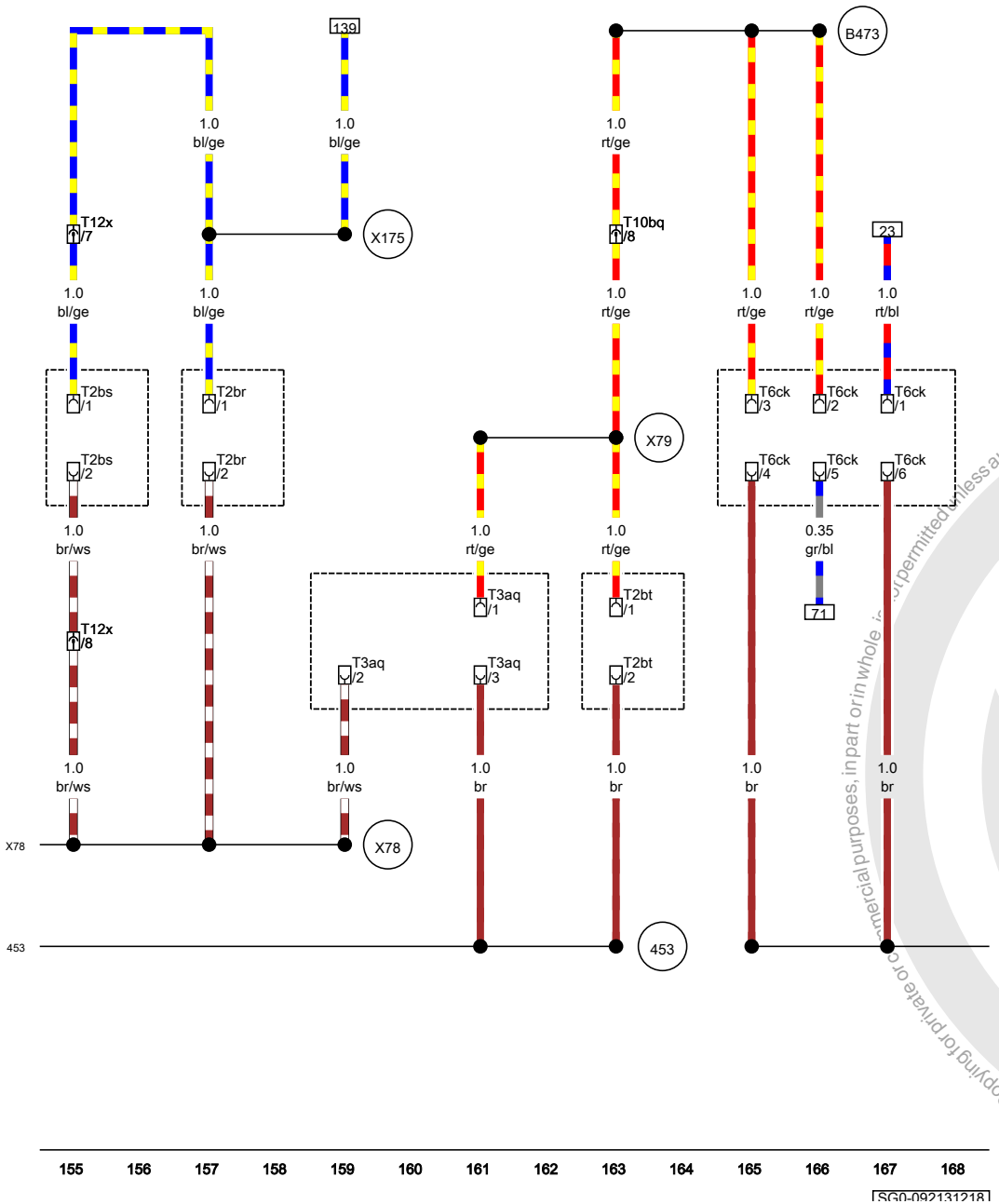
ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Luggage compartment light switch, Flashing lights relay 4, 2-pin connector

F5	Luggage compartment light switch
J901	Flashing lights relay 4, under seat on front left
T2bq	2-pin connector, black
T10ag	10-pin connector, brown, in left A-pillar coupling station
T10bp	10-pin connector, green, under driver seat
T12x	12-pin connector, brown, near left D-pillar
T17c	17-pin connector, black, behind lower section of left D-pillar trim
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
34	Earth point, under driver seat
168	Earth connection, in rear left wing door wiring harness
219	Earth connection 2, in rear lid wiring harness
426	Earth connection 3, in left rear end wiring harness
428	Earth connection 4, in left rear end wiring harness
453	Earth connection 3, in optional equipment wiring harness
653	Earth point, on left D-pillar
B325	Positive connection 11 (30a) in main wiring harness
B534	Connection 1 (luggage compartment switch), in roof wiring harness
X78	Connection 1, in optional equipment wiring harness
*	For models with wing doors
*2	For models with rear lid
*3	For models with no towing bracket
*4	For models with no heated rear window
*5	For models with trailer socket or heated rear window



2-pin connector, 2-pin connector, 2-pin connector, 3-pin connector, 6-pin connector

T2br	2-pin connector, black
T2bs	2-pin connector, black, Interface for rear flashing LED lights (yellow), in rear lid
T2bt	2-pin connector, black, Interface for interior light on table
T3aq	3-pin connector, black, Interface for rear interior light
T6ck	6-pin connector, black, Interface for interior light switch
T10bq	10-pin connector, orange, under driver seat
T12x	12-pin connector, brown, near left D-pillar
393	Earth connection 28, in main wiring harness
453	Earth connection 3, in optional equipment wiring harness
B473	Connection 9, in main wiring harness
X78	Connection 1, in optional equipment wiring harness
X79	Connection 2, in optional equipment wiring harness
X175	Positive connection (30a), in optional equipment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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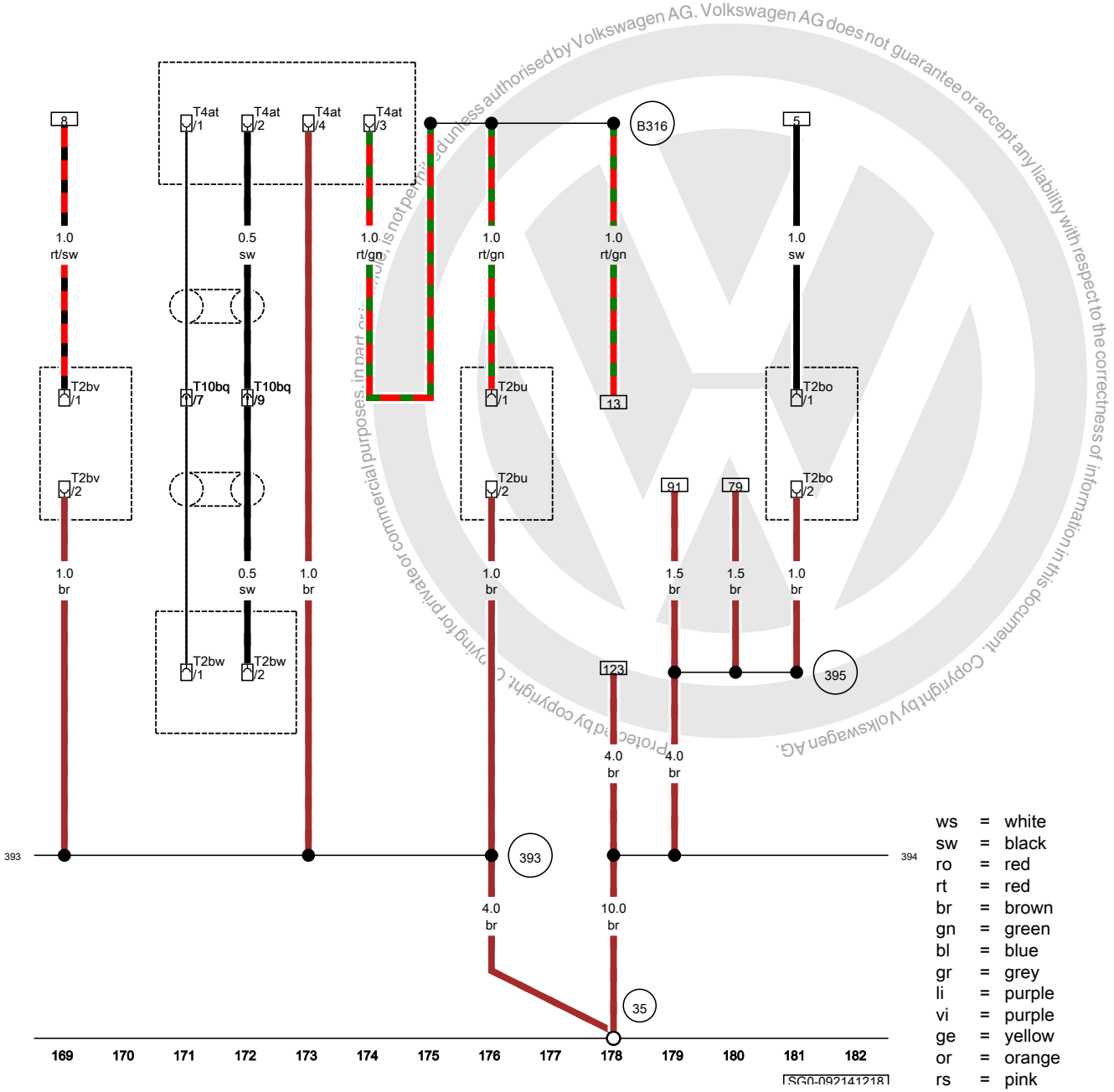

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

2-pin connector, 2-pin connector, 2-pin connector, 2-pin connector, 4-pin connector

T2bo	2-pin connector, black, Interface for electric torch, under front passenger seat
T2bu	2-pin connector, white, Interface for map reading light
T2bv	2-pin connector, black, Interface for hand-held 2-way radio, under front passenger seat
T2bw	2-pin connector, black, Interface for telephone microphone
T4at	4-pin connector, black, Interface for telephone
T10bq	10-pin connector, orange, under driver seat
35	Earth point, under front passenger seat
393	Earth connection 28, in main wiring harness
394	Earth connection 29, in main wiring harness
395	Earth connection 30, in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness

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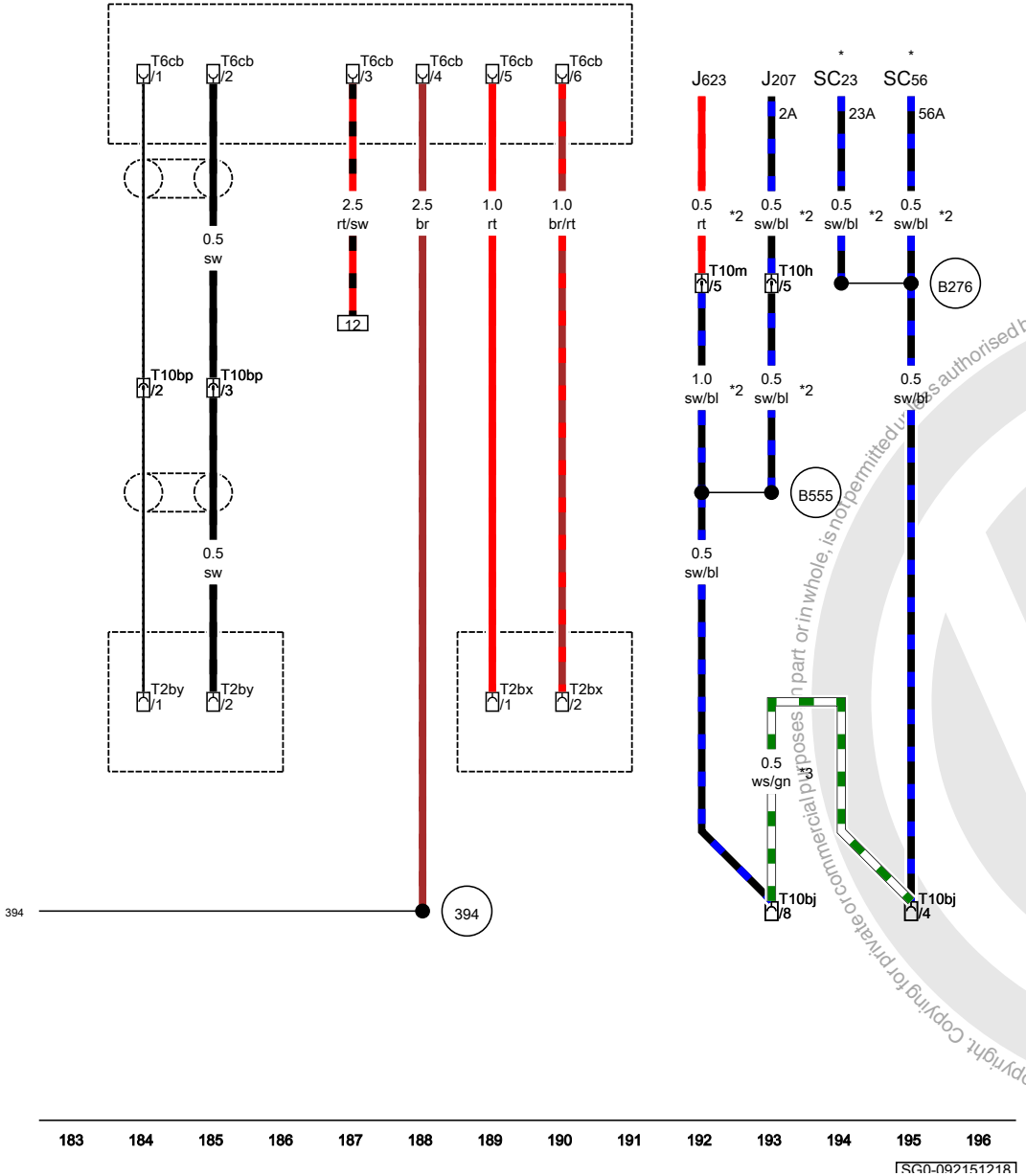
Starter inhibitor relay, Engine/motor control unit, Fuse 23 on fuse holder C, Fuse 56 on fuse holder C, 2-pin connector, 2-pin connector, 6-pin connector, 10-pin connector



J207	Starter inhibitor relay
J623	Engine/motor control unit, in E-box
SC23	Fuse 23 on fuse holder C
SC56	Fuse 56 on fuse holder C
T2bx	2-pin connector, green, Interface for 2-way radio loudspeaker
T2by	2-pin connector, black, Interface for 2-way radio microphone
T6cb	6-pin connector, black, Interface for 2-way radio, under front passenger seat
T10bj	10-pin connector, yellow, under driver seat
T10bp	10-pin connector, green, under driver seat
T10h	10-pin connector, orange, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
394	Earth connection 29, in main wiring harness
B276	Positive connection (50), in main wiring harness
B555	Positive connection 2 (50), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for engine
*3	Wire could be cut by special vehicle manufacturer

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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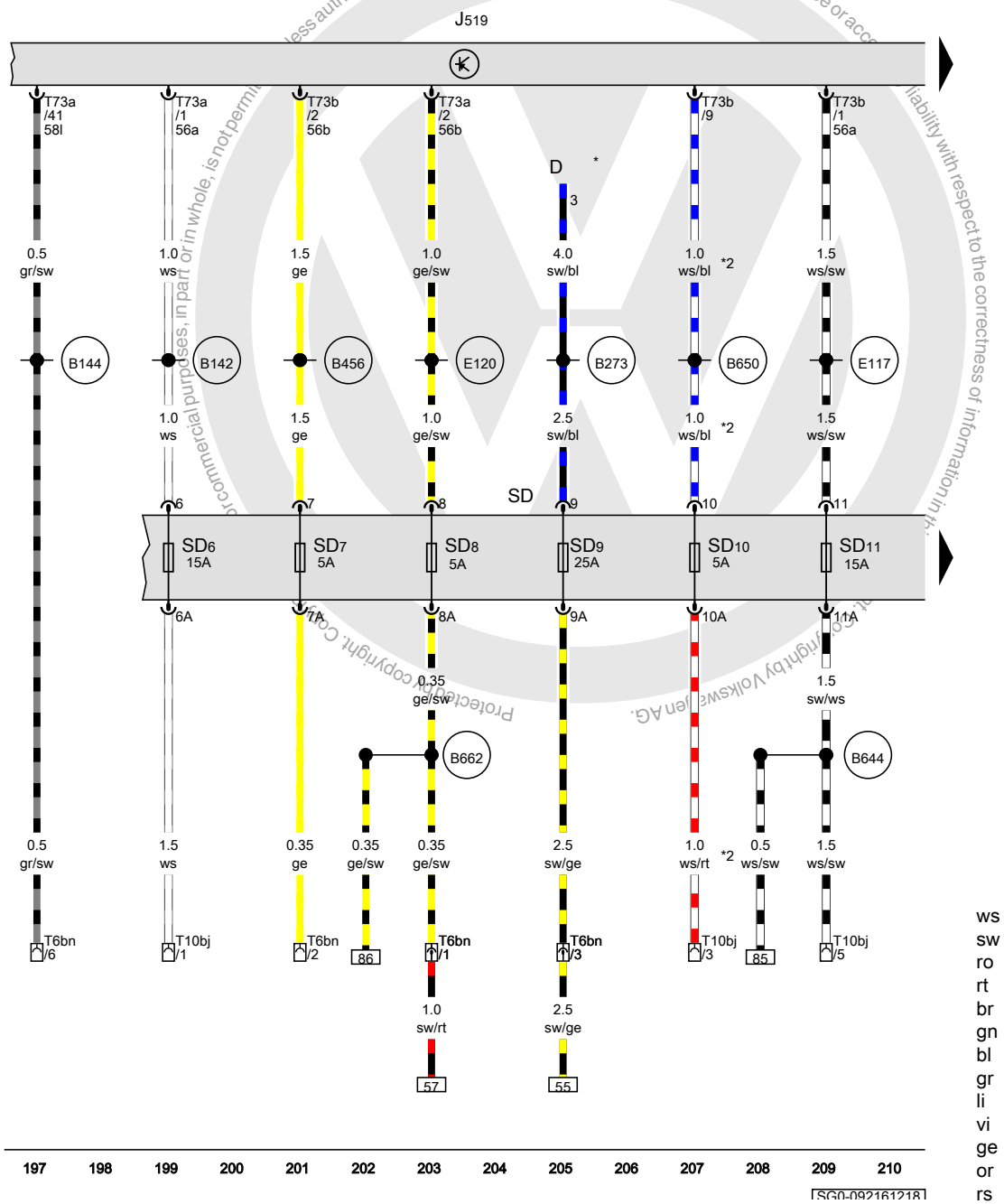

Ignition/starter switch, Onboard supply control unit, Fuse holder D, 6-pin connector, 10-pin connector

D	Ignition/starter switch
J519	Onboard supply control unit
SD	Fuse holder D
SD6	Fuse 6 on fuse holder D
SD7	Fuse 7 on fuse holder D
SD8	Fuse 8 on fuse holder D
SD9	Fuse 9 on fuse holder D
SD10	Fuse 10 on fuse holder D
SD11	Fuse 11 on fuse holder D
T6bn	6-pin connector, grey, under driver seat
T10bj	10-pin connector, yellow, under driver seat
T73a	73-pin connector, black
T73b	73-pin connector, white
B142	Positive connection 2 (56a), in interior wiring harness
B144	Positive connection (58L), in interior wiring harness
B273	Positive connection (15), in main wiring harness
B456	Connection (56b), in main wiring harness
B644	Connection 3 (56a), in main wiring harness
B650	Connection 8, in interior wiring harness
B662	Connection 2 (56b), in main wiring harness
E117	Connection (56a, left), in dash panel wiring harness
E120	Connection (56b, left), in dash panel wiring harness
*	see applicable current flow diagram for basic equipment
*2	For models with fog lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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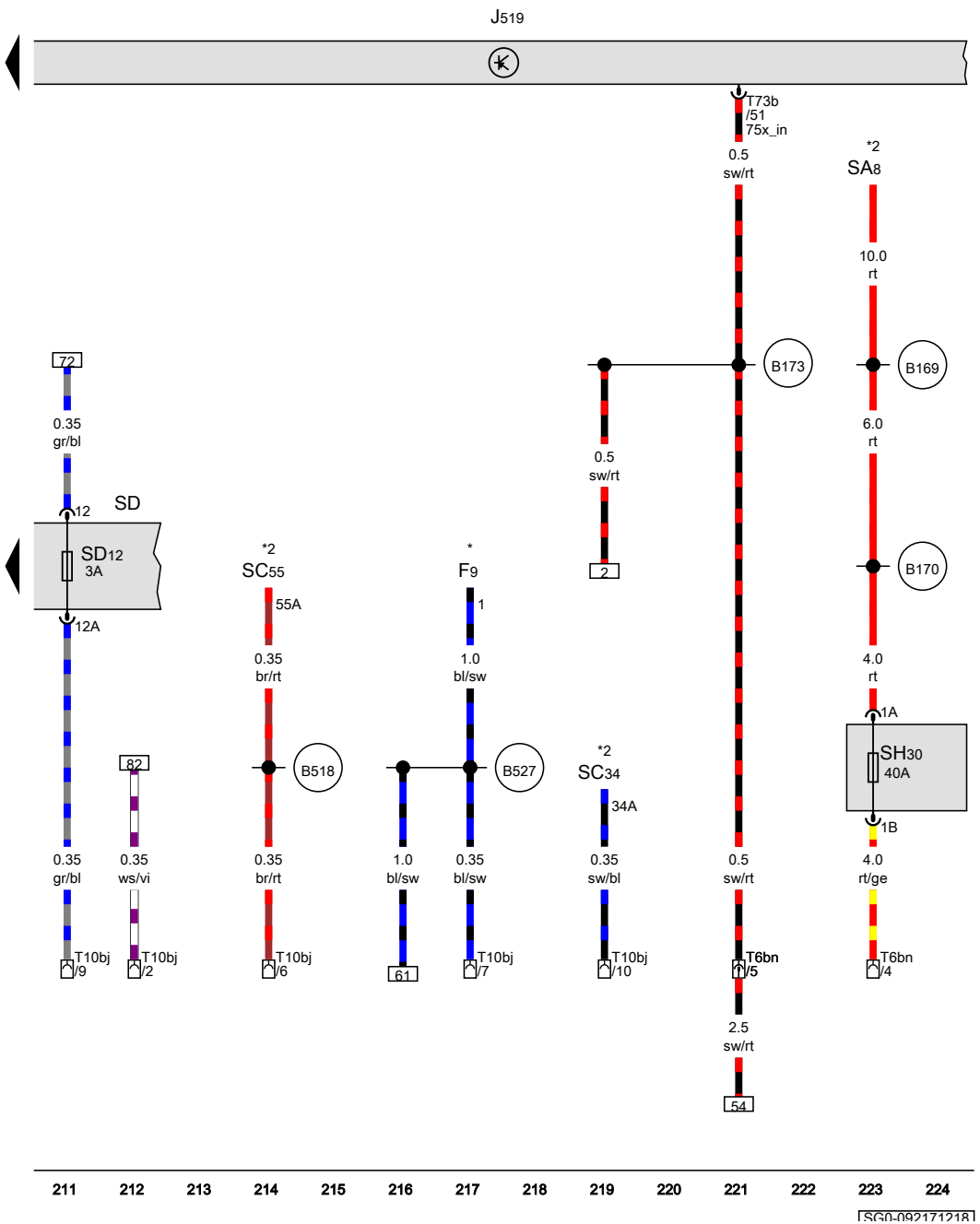

Handbrake warning switch, Onboard supply control unit, Fuse holder D, Fuse 30 in fuse holder H, Fuse 34 on fuse holder C, Fuse 55 on fuse holder C, 6-pin connector, 10-pin connector

F9	Handbrake warning switch
J519	Onboard supply control unit
SA8	Fuse 8 on fuse holder A
SD	Fuse holder D
SD12	Fuse 12 on fuse holder D
SH30	Fuse 30 in fuse holder H
SC34	Fuse 34 on fuse holder C
SC55	Fuse 55 on fuse holder C
T6bn	6-pin connector, grey, under driver seat
T10bj	10-pin connector, yellow, under driver seat
T73b	73-pin connector, white
B169	Positive connection 1 (30), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B173	Positive connection 2 (X), in interior wiring harness
B518	Connection (86s), in main wiring harness
B527	Connection (handbrake), in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Fuse assignment

From June 2015

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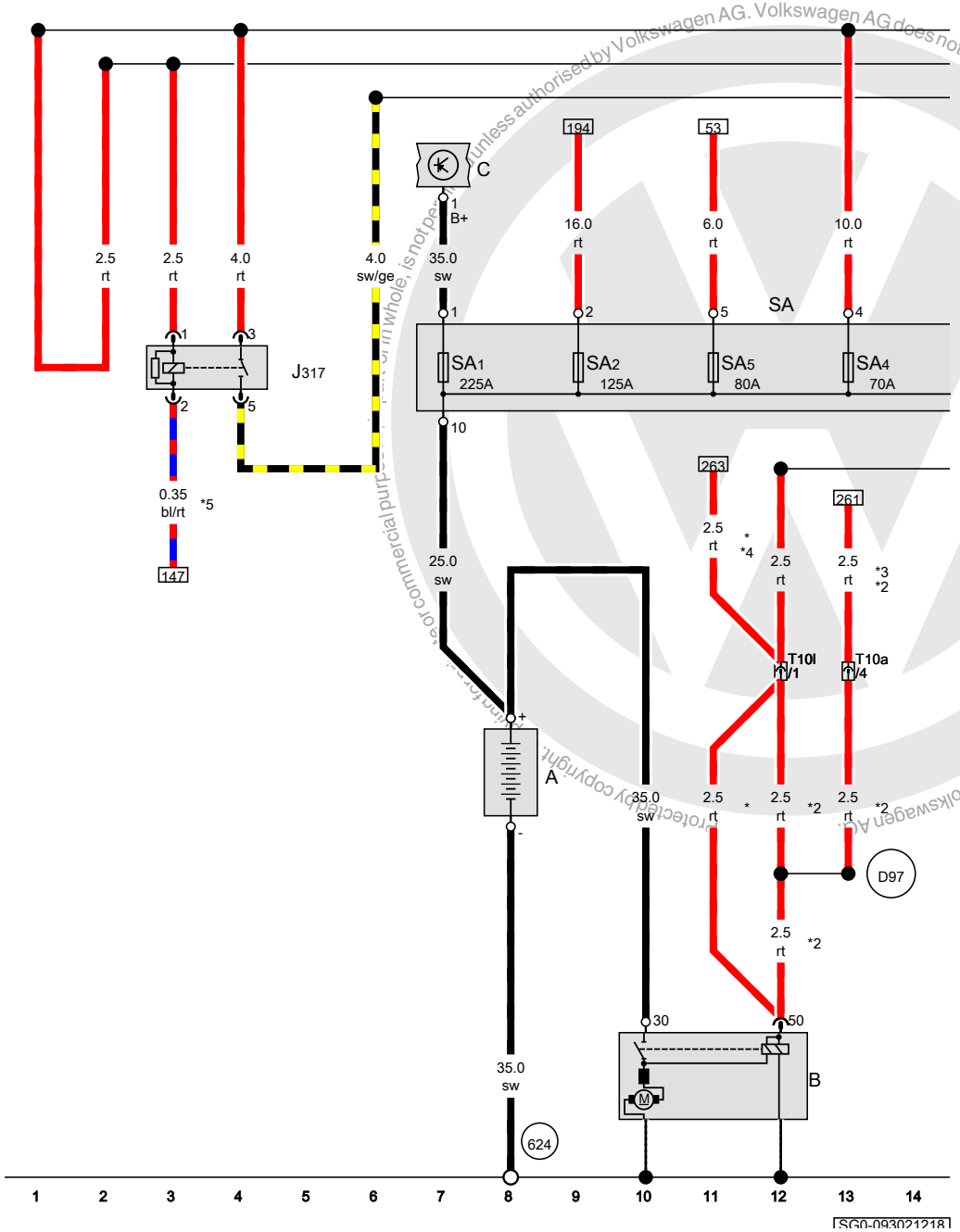

Battery, Starter, Alternator, Fuse holder A

A	Battery
B	Starter
C	Alternator
J317	Terminal 30 voltage supply relay
SA	Fuse holder A, in E-box
SA1	Fuse 1 on fuse holder A
SA2	Fuse 2 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
T10a	10-pin connector, brown, in E-box
T10l	10-pin connector, light green, in E-box
624	Earth point, starter battery
D50	Positive connection (30), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D101	Connection 1 in engine compartment wiring harness
D210	Connection (50), in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	For models with dual clutch gearbox (DSG)
*2	For models with manual gearbox
*3	For models with no electric interface
*4	For models with electric interface for external use
*5	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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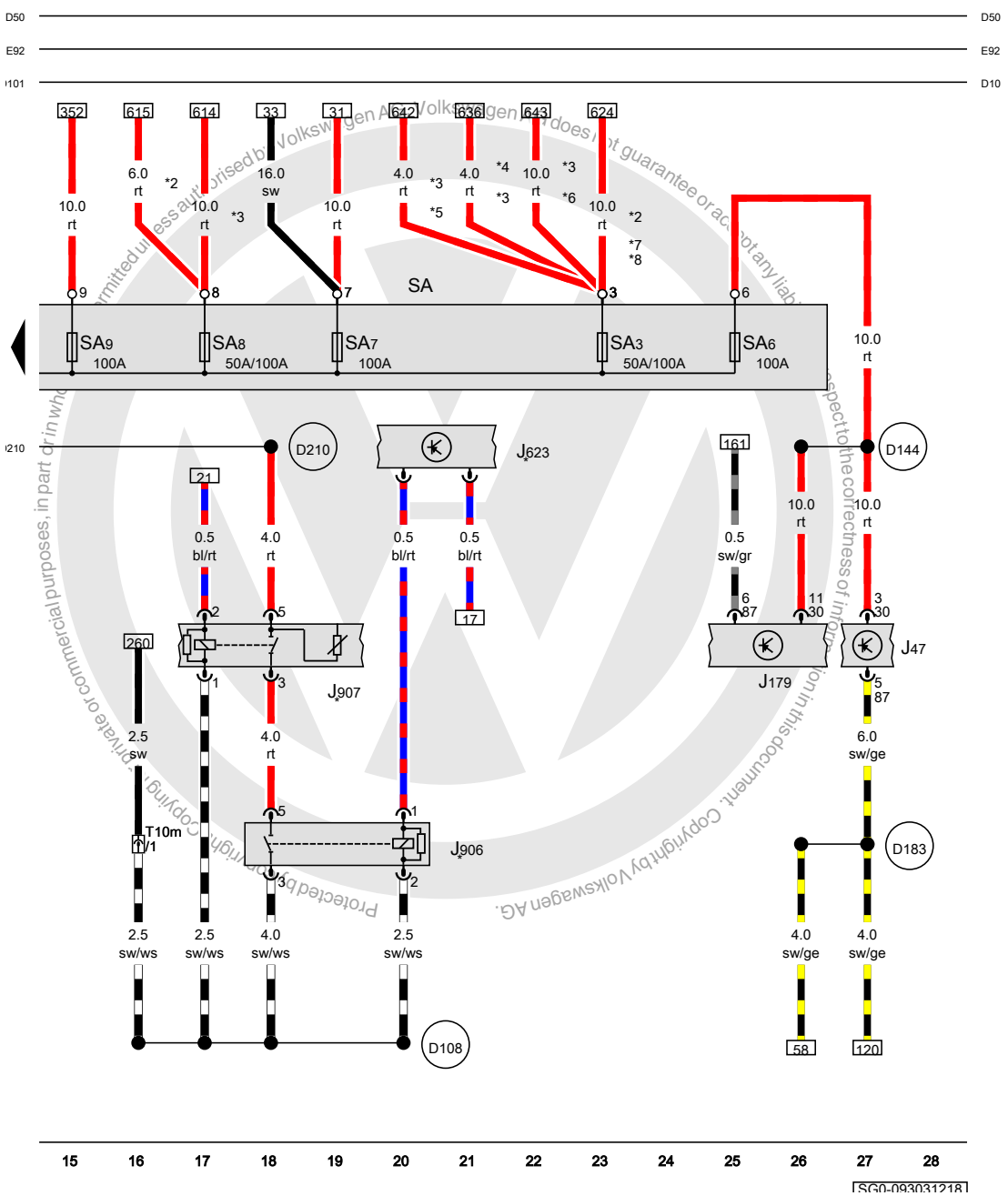

Heated windscreen relay, Automatic glow period control unit, Engine/motor control unit, Starter relay 2, Fuse holder A

J47	Heated windscreen relay, in E-box
J179	Automatic glow period control unit, in E-box
J623	Engine/motor control unit, in E-box
J906	Starter relay 1, in E-box
J907	Starter relay 2, in E-box
SA	Fuse holder A, in E-box
SA3	Fuse 3 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SA8	Fuse 8 on fuse holder A
SA9	Fuse 9 on fuse holder A
T10m	10-pin connector, light pink, in E-box
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
D144	Positive connection 5 (30), in engine compartment wiring harness
D183	Connection 4 (87a), in engine compartment wiring harness
D210	Connection (50), in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	For models with second battery
*3	For models with no second battery
*4	For models with left sliding door
*5	For models with right sliding door
*6	For models with left and right sliding doors
*7	For Camper, not for Camper Beach
*8	Cross-section 16.0 possible

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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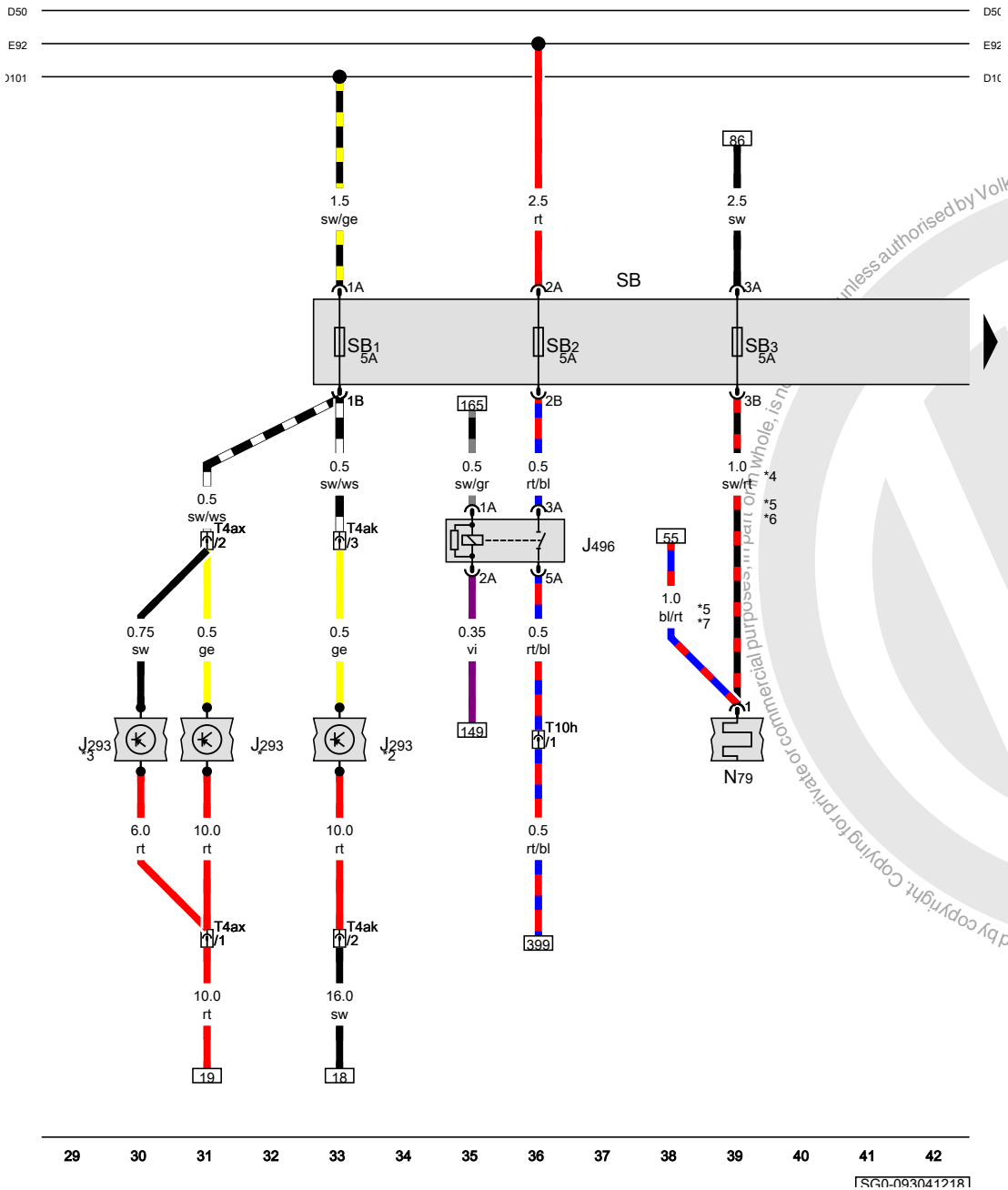

Radiator fan control unit, Additional coolant pump relay, Heater element for crankcase breather, Fuse holder B

J293	Radiator fan control unit
J496	Additional coolant pump relay, in E-box
N79	Heater element for crankcase breather
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
SB2	Fuse 2 on fuse holder B
SB3	Fuse 3 on fuse holder B
T4ak	4-pin connector, black, near radiator fan
T4ax	4-pin connector, black, near radiator fan
T10h	10-pin connector, orange, in E-box
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	For models with medium fan output
*2	For models with increased fan output
*3	For models with low fan output
*4	For models with petrol engine
*5	For models with diesel engine
*6	For models with Euro 5 emission standard
*7	For models with Euro 6 emission standard

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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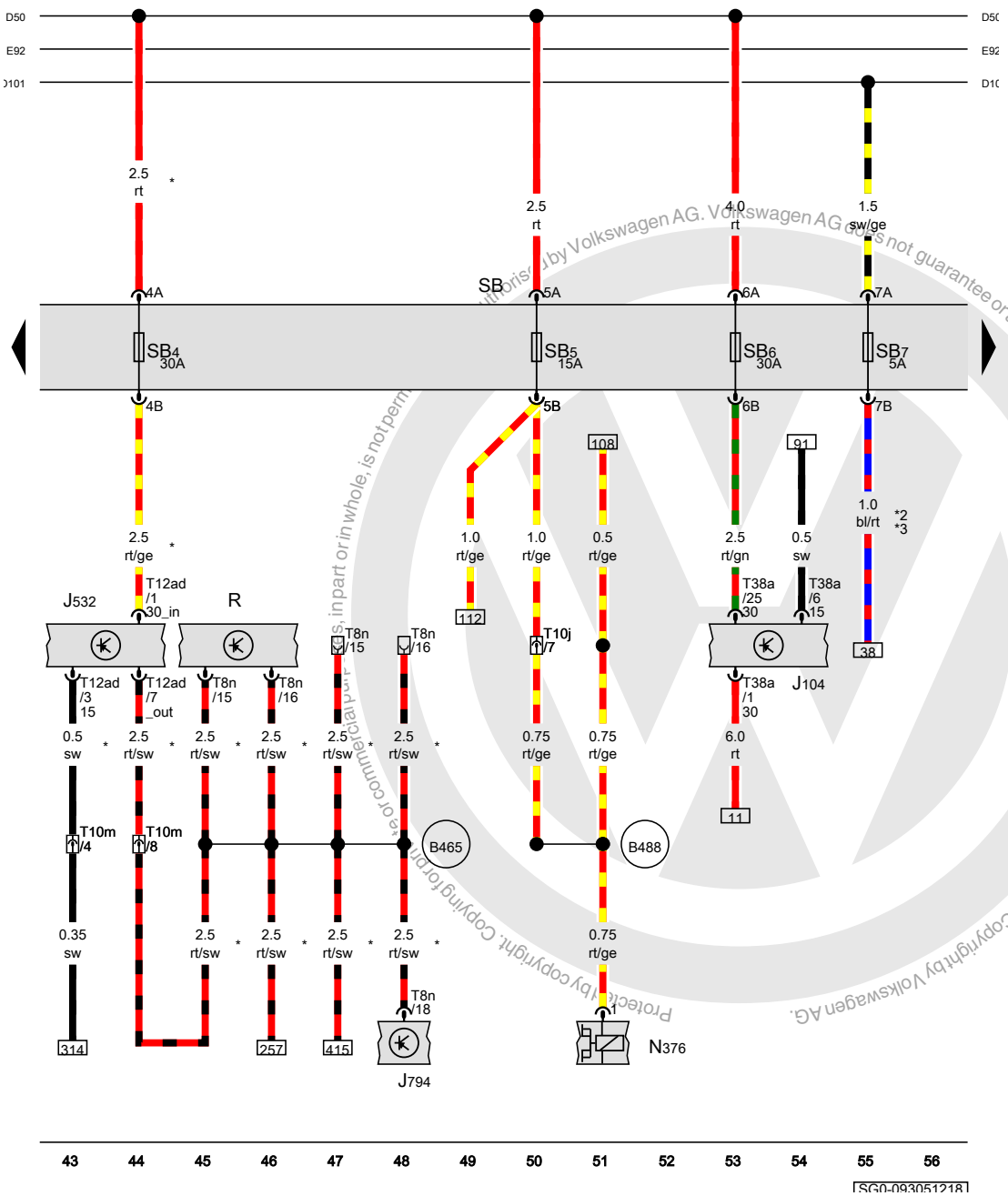

ABS control unit, Voltage stabiliser, Control unit 1 for information electronics, Ignition key withdrawal lock solenoid, Radio, Fuse holder B

J104	ABS control unit
J532	Voltage stabiliser, in E-box
J794	Control unit 1 for information electronics
N376	Ignition key withdrawal lock solenoid
R	Radio
SB	Fuse holder B
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 on fuse holder B
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
T8n	8-pin connector, black, in slot for radio
T10j	10-pin connector, brown, in E-box
T10m	10-pin connector, light pink, in E-box
T12ad	12-pin connector, black
T38a	38-pin connector, black
B465	Connection 1, in main wiring harness
B488	Connection 24, in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	For models with start/stop system
*2	For models with diesel engine
*3	For models with Euro 6 emission standard

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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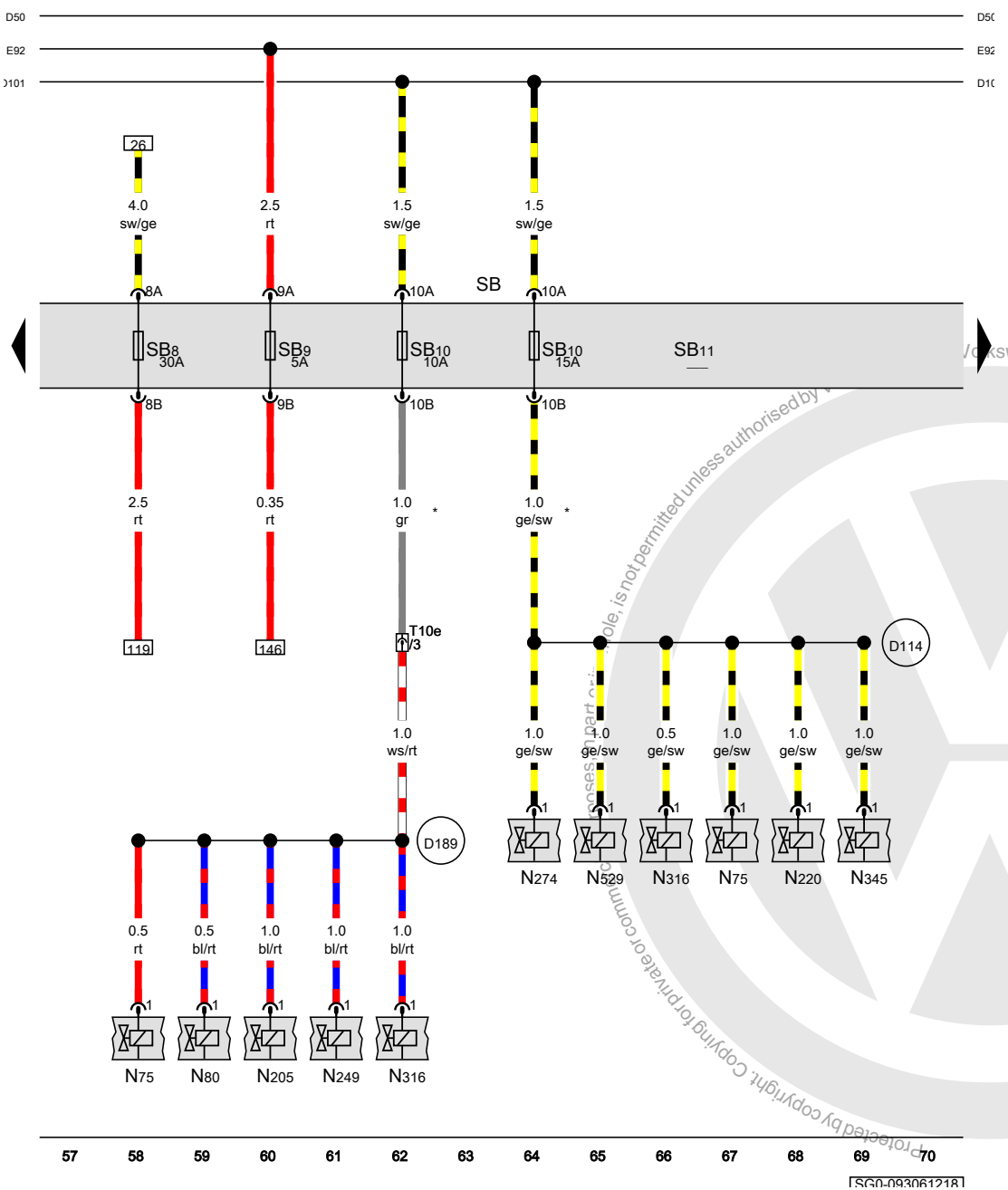

Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Exhaust flap valve, Turbocharger air recirculation valve, Charge pressure control solenoid valve 2, Intake manifold flap valve, Exhaust gas recirculation cooler changeover valve, Turbine changeover valve, Fuse holder B

N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N220	Exhaust flap valve
N249	Turbocharger air recirculation valve
N274	Charge pressure control solenoid valve 2
N316	Intake manifold flap valve
N345	Exhaust gas recirculation cooler changeover valve
N529	Turbine changeover valve
SB	Fuse holder B
SB8	Fuse 8 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB11	Fuse 11 on fuse holder B
T10e	10-pin connector, white, in E-box
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D114	Connection 12 in engine compartment wiring harness
D189	Connection (87a) in engine prewiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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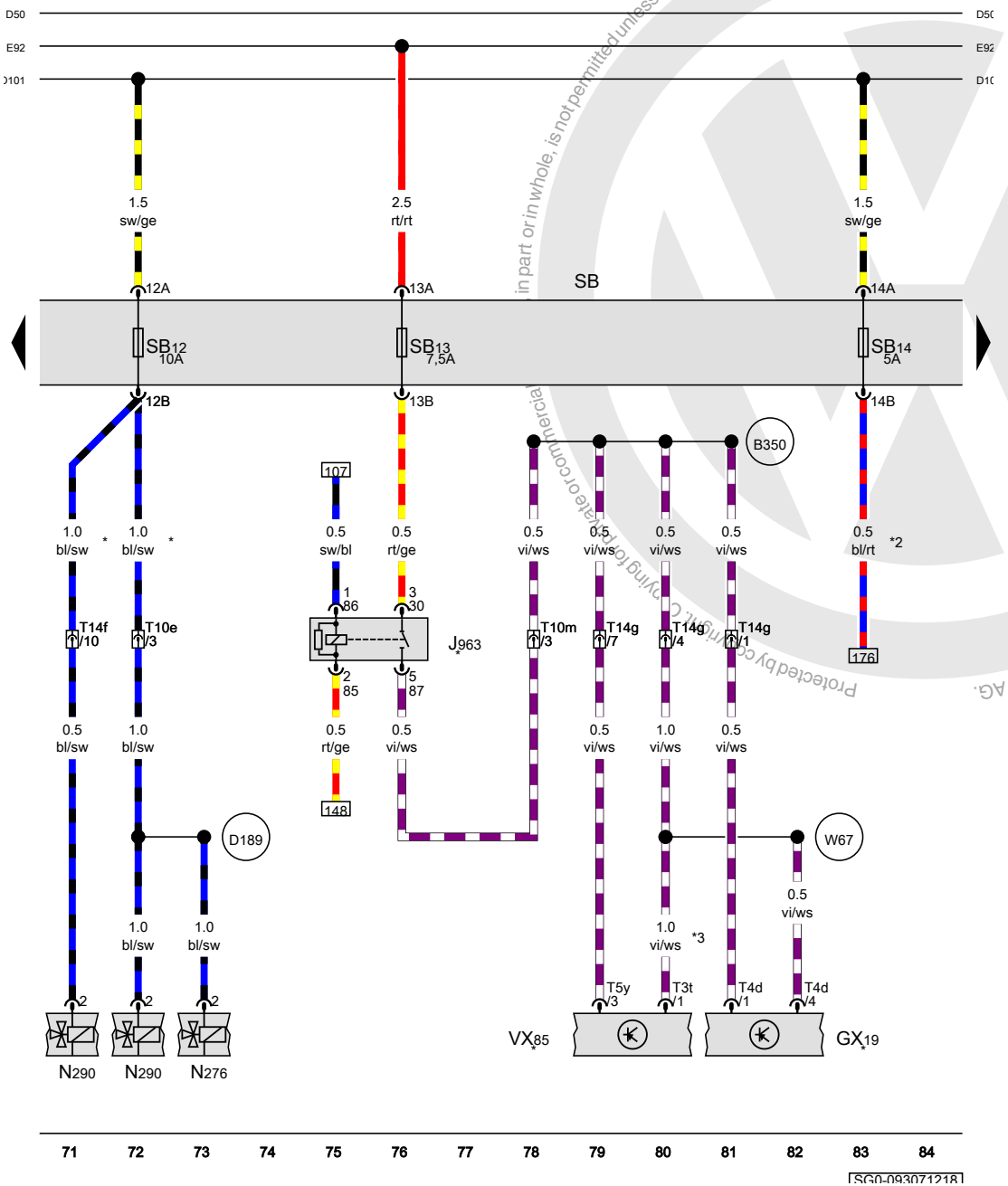

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gn	=	green
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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Delivery unit for reducing agent metering system, Relay for reducing agent metering system, Fuel pressure regulating valve, Fuel metering valve, Fuse holder B, Reducing agent tank

GX19	Delivery unit for reducing agent metering system, on reducing-agent tank
J963	Relay for reducing agent metering system
N276	Fuel pressure regulating valve
N290	Fuel metering valve
SB	Fuse holder B
SB12	Fuse 12 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
T3t	3-pin connector, black
T4d	4-pin connector, black
T5y	5-pin connector, black
T10e	10-pin connector, white, in E-box
T10m	10-pin connector, light pink, in E-box
T14f	14-pin connector, grey, in E-box
T14g	14-pin connector, black, near container for additive
VX85	Reducing agent tank
B350	Positive connection 1 (87a) in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D189	Connection (87a) in engine prewiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
W67	Connection (87), in floor wiring harness
*	see applicable current flow diagram for engine
*2	For models with diesel engine
*3	According to equipment

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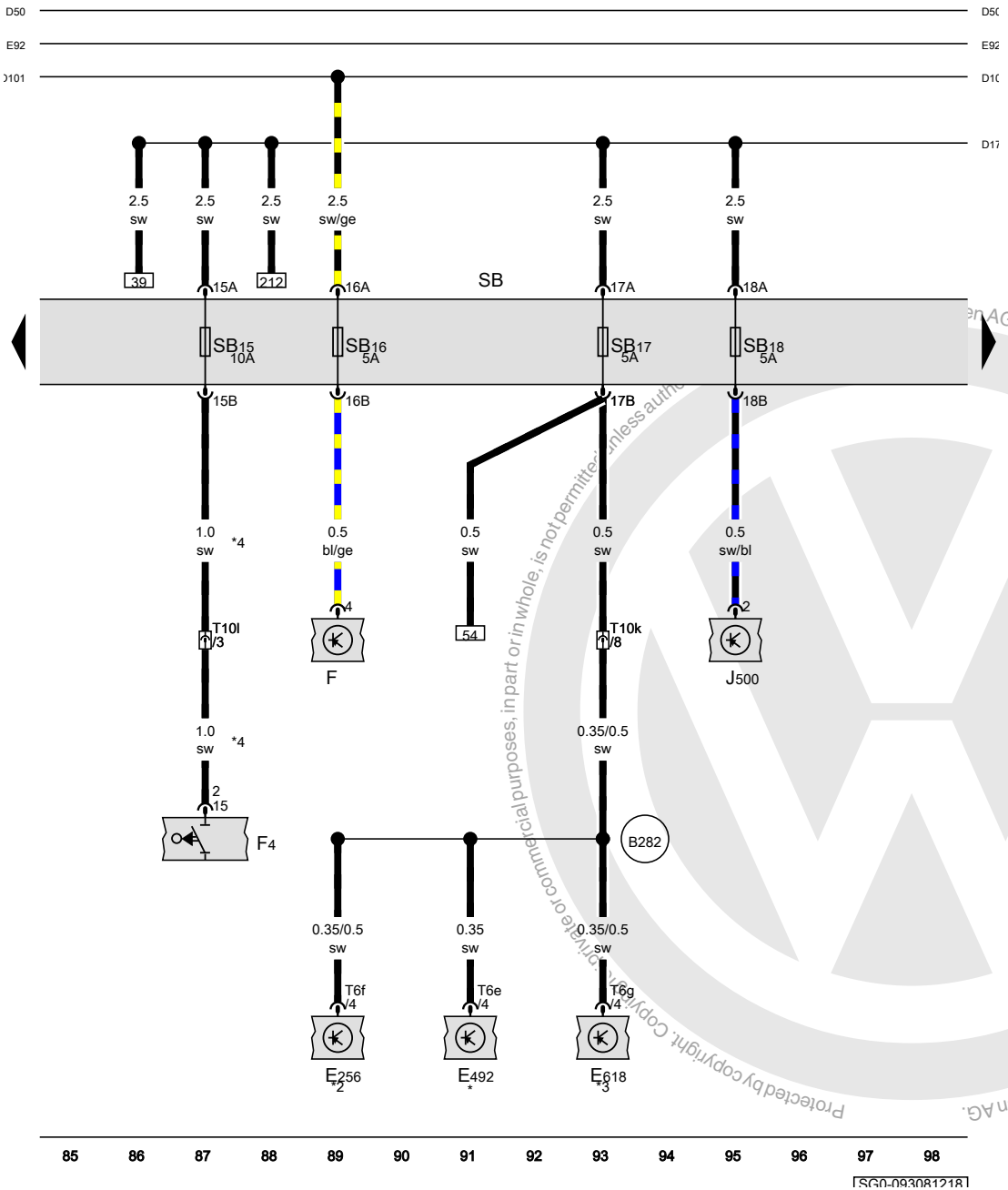

Button for TCS and electronic stabilisation program, Tyre Pressure Loss Indicator button, Hill descent control button, Brake light switch, Reversing light switch, Power steering control unit, Fuse holder B

E256	Button for TCS and electronic stabilisation program
E492	Tyre Pressure Loss Indicator button
E618	Hill descent control button
F	Brake light switch
F4	Reversing light switch
J500	Power steering control unit
SB	Fuse holder B
SB15	Fuse 15 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB17	Fuse 17 on fuse holder B
SB18	Fuse 18 on fuse holder B
T6e	6-pin connector, red
T6f	6-pin connector, red
T6g	6-pin connector, black
T10k	10-pin connector, purple, in E-box
T10l	10-pin connector, light green, in E-box
B282	Positive connection 6 (15a) in main wiring harness
D17	Positive connection 1 (15), in engine harness
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	For models with Tyre Pressure Monitoring System
*2	For models with electronic stabilisation program (ESP) and traction control system (TCS)
*3	According to equipment
*4	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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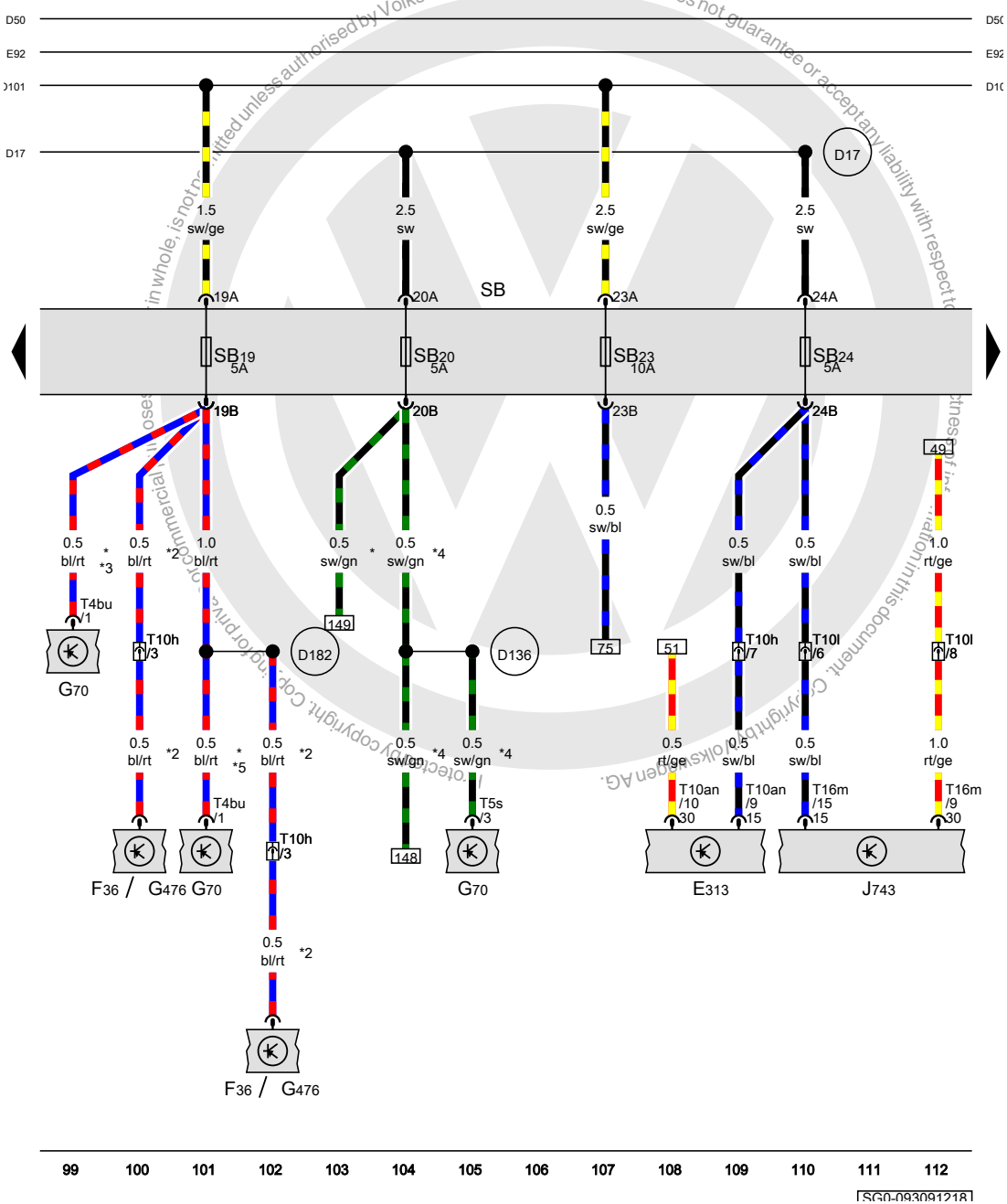

Selector lever, Clutch pedal switch, Air mass meter, Clutch position sender, Mechatronic unit for dual clutch gearbox, Fuse holder B

E313	Selector lever
F36	Clutch pedal switch
G70	Air mass meter
G476	Clutch position sender
J743	Mechatronic unit for dual clutch gearbox
SB	Fuse holder B
SB19	Fuse 19 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T4bu	4-pin connector, black
T5s	5-pin connector, black
T10an	10-pin connector, black
T10h	10-pin connector, orange, in E-box
T10l	10-pin connector, light green, in E-box
T16m	16-pin connector, black, on electronic gearbox control unit
D17	Positive connection 1 (15), in engine harness
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D136	Positive connection 2 (15a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	For models with diesel engine
*2	For models with manual gearbox
*3	For models with Euro 5 emission standard
*4	For models with petrol engine
*5	For models with Euro 6 emission standard

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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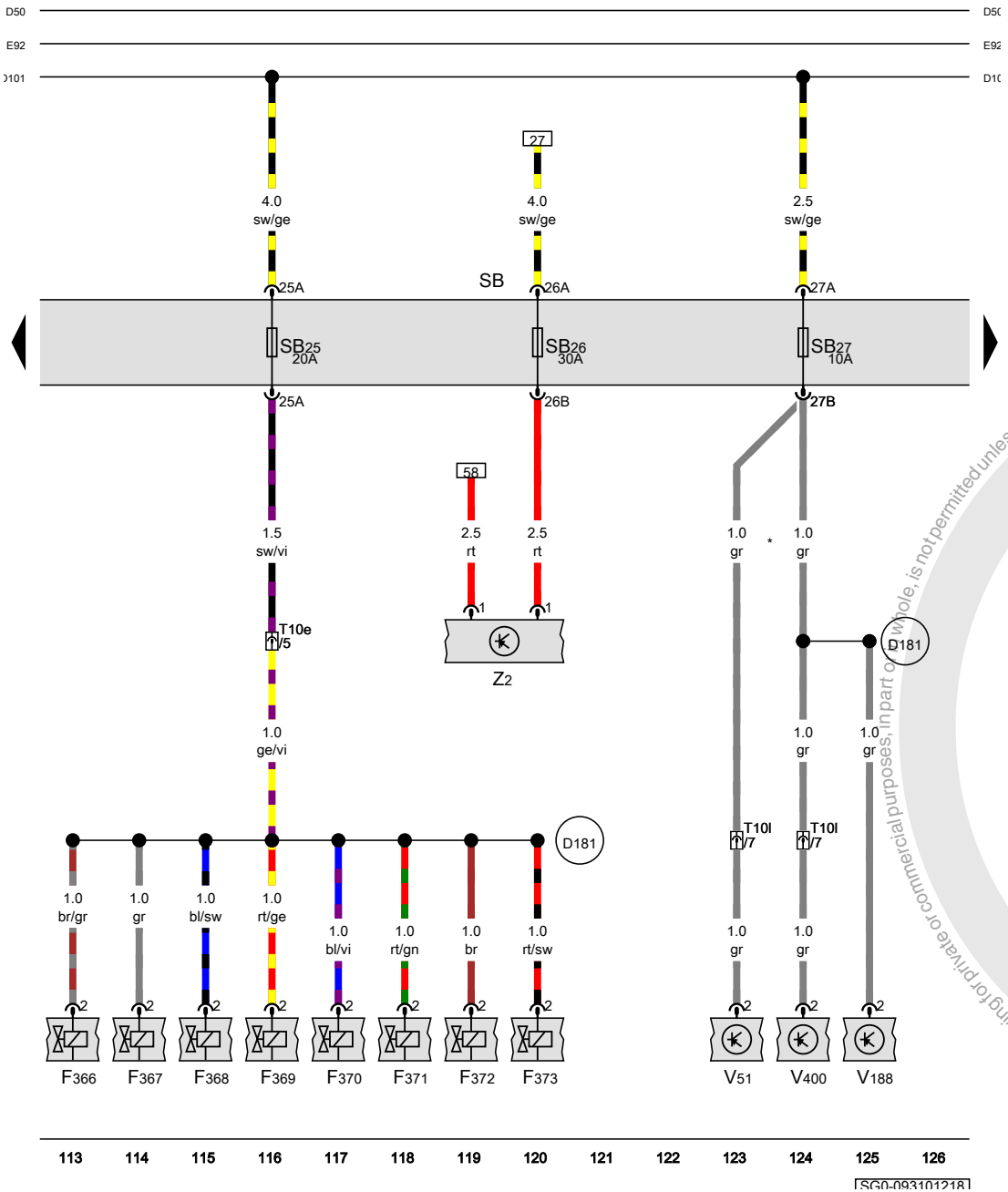
Cam adjustment actuator 1, Cam adjustment actuator 8, Fuse holder B, Continued coolant circulation pump, Charge air cooling pump, Pump for exhaust gas recirculation cooler, Heated windscreen



F366	Cam adjustment actuator 1
F367	Cam adjustment actuator 2
F368	Cam adjustment actuator 3
F369	Cam adjustment actuator 4
F370	Cam adjustment actuator 5
F371	Cam adjustment actuator 6
F372	Cam adjustment actuator 7
F373	Cam adjustment actuator 8
SB	Fuse holder B
SB25	Fuse 25 on fuse holder B
SB26	Fuse 26 on fuse holder B
SB27	Fuse 27 on fuse holder B
T10e	10-pin connector, white, in E-box
T10l	10-pin connector, light green, in E-box
V51	Continued coolant circulation pump
V188	Charge air cooling pump
V400	Pump for exhaust gas recirculation cooler
Z2	Heated windscreen
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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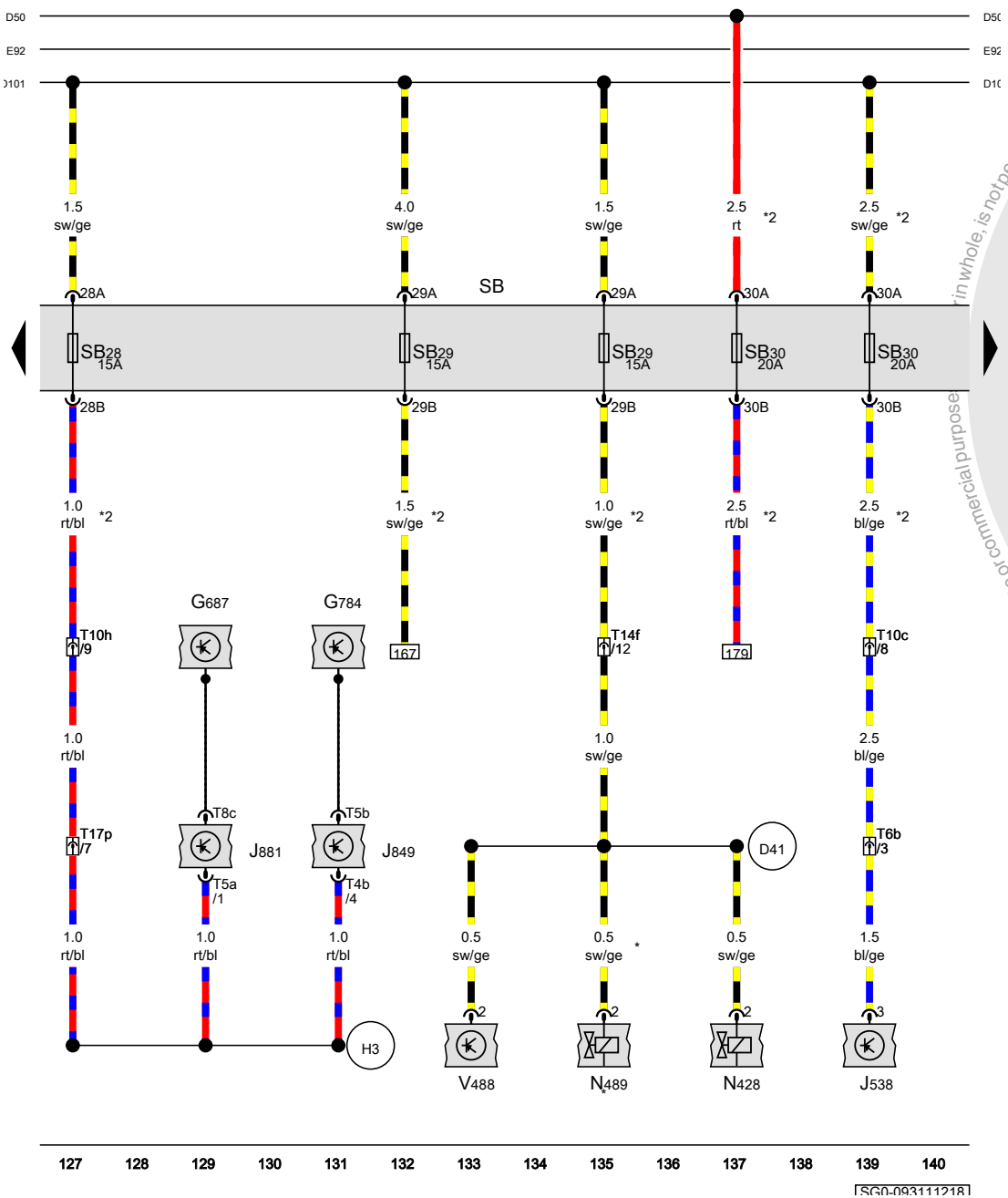
NOx sender 2, Particulate sensor, Fuel pump control unit, Control unit for sensor electronics, Control unit for NOx sender 2, Valve for oil pressure control, Coolant valve for cylinder head, Fuse holder B, Auxiliary pump for heating



G687	NOx sender 2
G784	Particulate sensor
J538	Fuel pump control unit
J849	Control unit for sensor electronics
J881	Control unit for NOx sender 2
N428	Valve for oil pressure control
N489	Coolant valve for cylinder head
SB	Fuse holder B
SB28	Fuse 28 on fuse holder B
SB29	Fuse 29 on fuse holder B
SB30	Fuse 30 on fuse holder B
T4b	4-pin connector, black
T5a	5-pin connector, black
T5b	5-pin connector, black
T6b	6-pin connector, black, on fuel tank
T8c	8-pin connector, black
T10c	10-pin connector, yellow, in E-box
T10h	10-pin connector, orange, in E-box
T14f	14-pin connector, grey, in E-box
T17p	17-pin connector, red, under seat on front left
V488	Auxiliary pump for heating
D41	Connection 3, in engine prewiring harness
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
H3	Connection 1 in wiring harness for reducing agent tank
*	Not used
*2	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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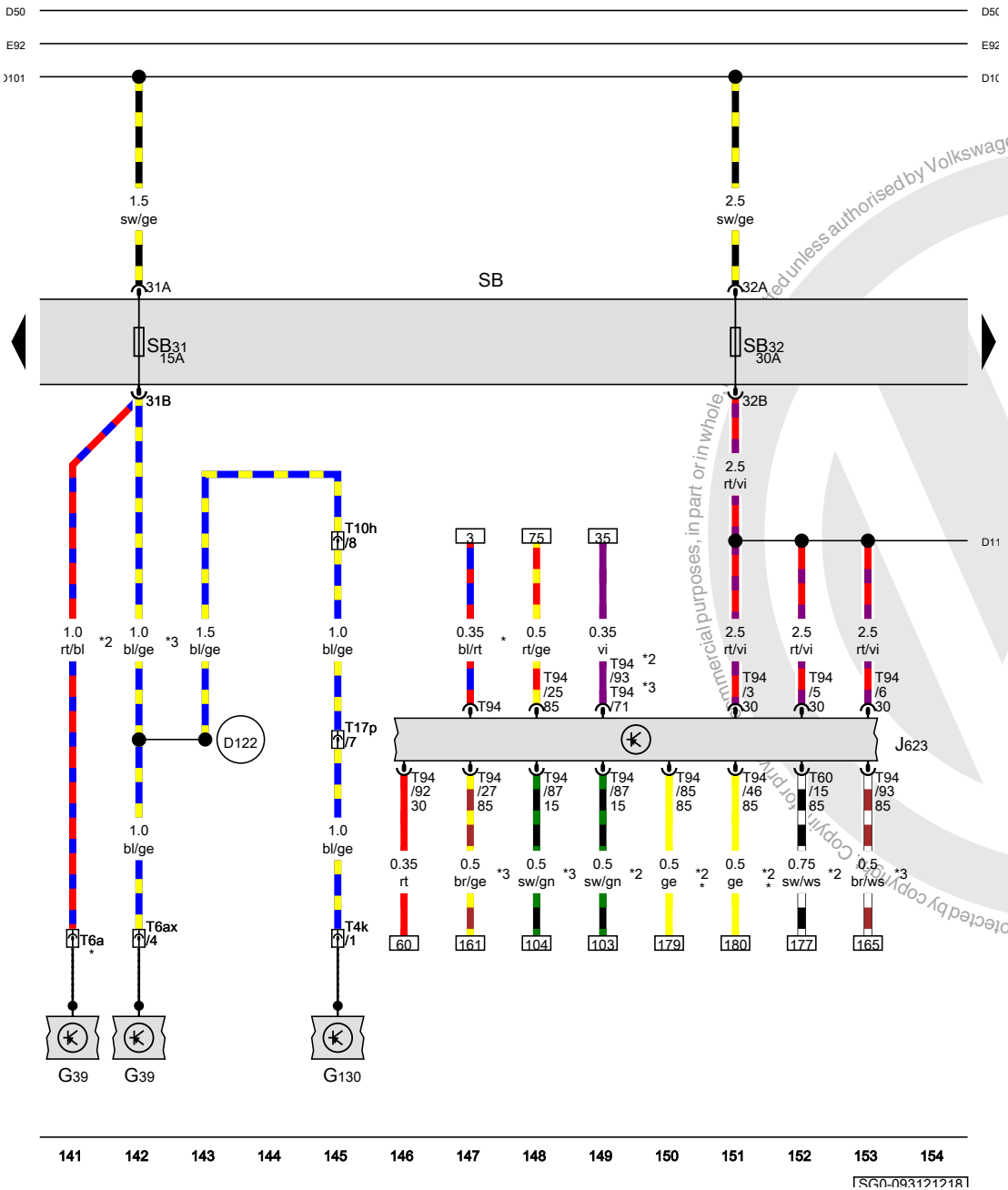

Lambda probe, Lambda probe after catalytic converter, Engine/motor control unit, Fuse holder B

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine/motor control unit, in E-box
SB	Fuse holder B
SB31	Fuse 31 on fuse holder B
SB32	Fuse 32 on fuse holder B
T4k	4-pin connector, black, on underbody, next to auxiliary heater
T6a	6-pin connector, black, on right in engine compartment
T6ax	6-pin connector, black, on right in engine compartment
T10h	10-pin connector, orange, in E-box
T17p	17-pin connector, red, under seat on front left
T60	60-pin connector, black
T94	94-pin connector, black
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness
D122	Connection 20 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	For models with diesel engine
*3	For models with petrol engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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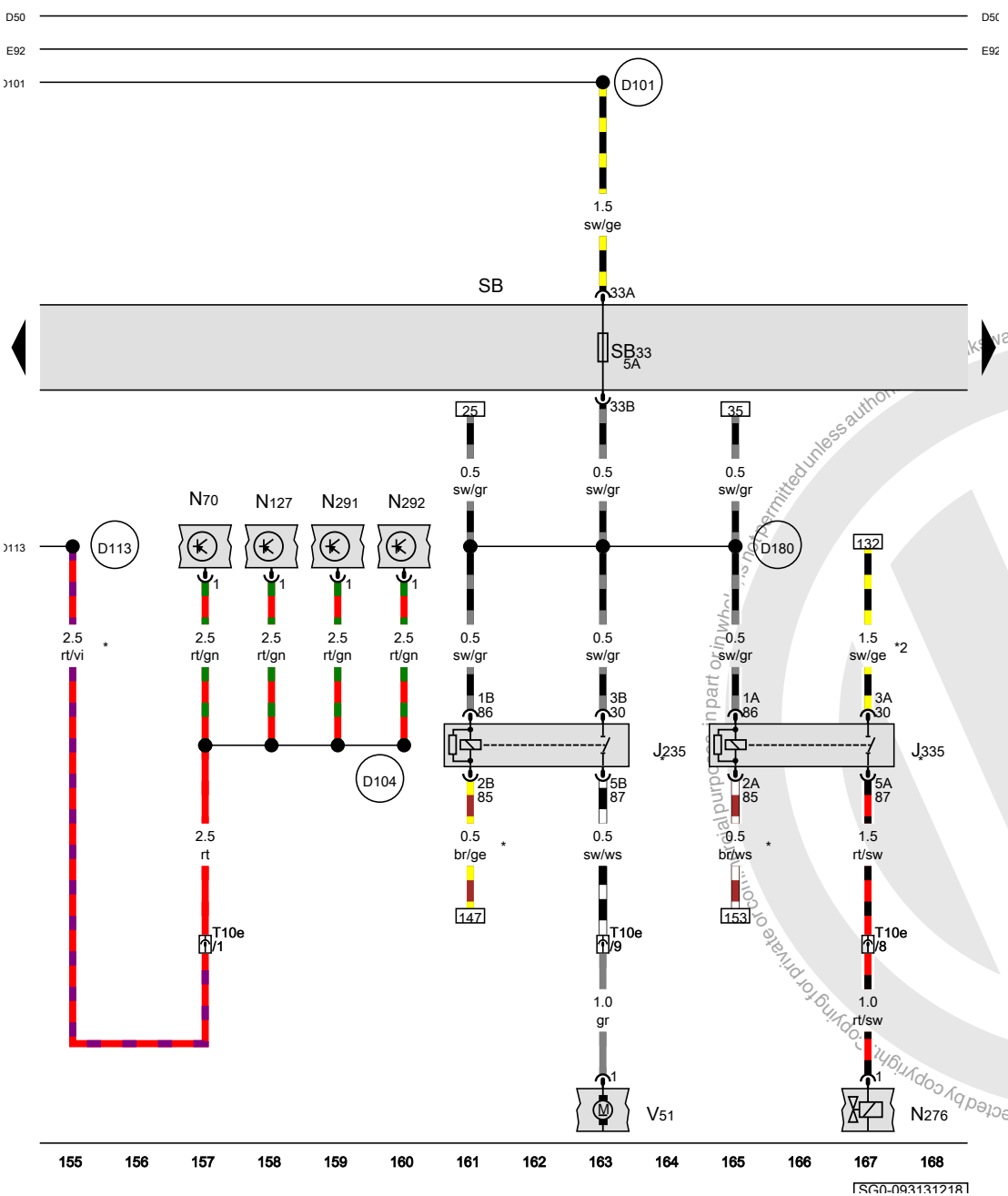

Coolant pump relay, Fuel shut-off valve switch-off relay, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Fuel pressure regulating valve, Ignition coil 3 with output stage, Ignition coil 4 with output stage, Fuse holder B, Continued coolant circulation pump

J235	Coolant pump relay
J335	Fuel shut-off valve switch-off relay
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N276	Fuel pressure regulating valve
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
SB	Fuse holder B
SB33	Fuse 33 on fuse holder B
T10e	10-pin connector, white, in E-box
V51	Continued coolant circulation pump
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D104	Positive connection 2 (30a), in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	For models with petrol engine
*2	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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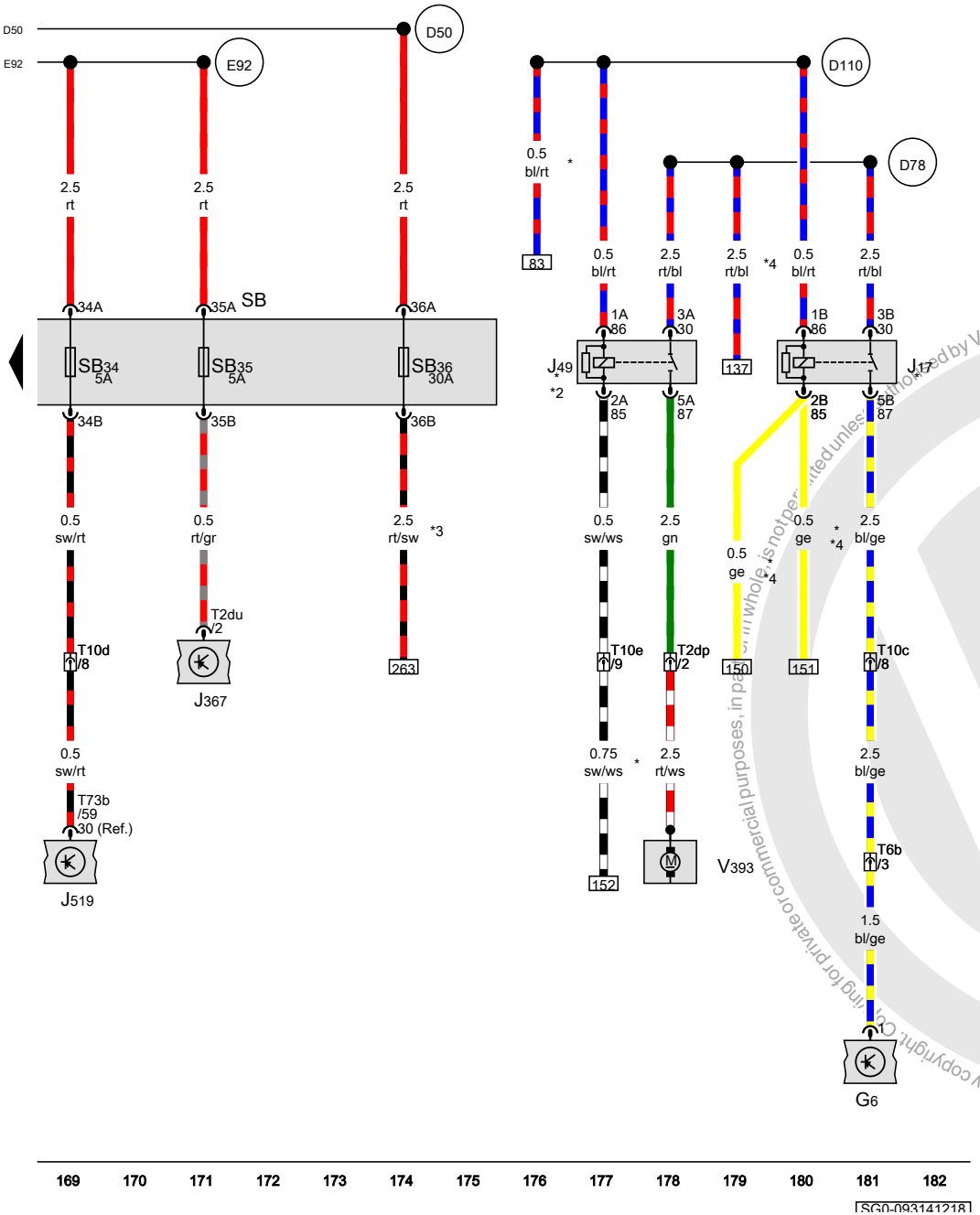
Fuel system pressurisation pump, Fuel pump relay, Electric fuel pump 2 relay, Battery monitor control unit, Onboard supply control unit, Fuse holder B, Supplementary fuel pump



G6	Fuel system pressurisation pump
J17	Fuel pump relay, in E-box
J49	Electric fuel pump 2 relay, in E-box
J367	Battery monitor control unit
J519	Onboard supply control unit
SB	Fuse holder B
SB34	Fuse 34 on fuse holder B
SB35	Fuse 35 on fuse holder B
SB36	Fuse 36 on fuse holder B
T2dp	2-pin connector, black, near fuel filter
T2du	2-pin connector, black
T6b	6-pin connector, black, on fuel tank
T10c	10-pin connector, yellow, in E-box
T10d	10-pin connector, blue, in E-box
T10e	10-pin connector, white, in E-box
T73b	73-pin connector, white
V393	Supplementary fuel pump
D50	Positive connection (30), in engine compartment wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	For models with diesel engine
*2	For models with Euro 5 emission standard
*3	For models with manual gearbox
*4	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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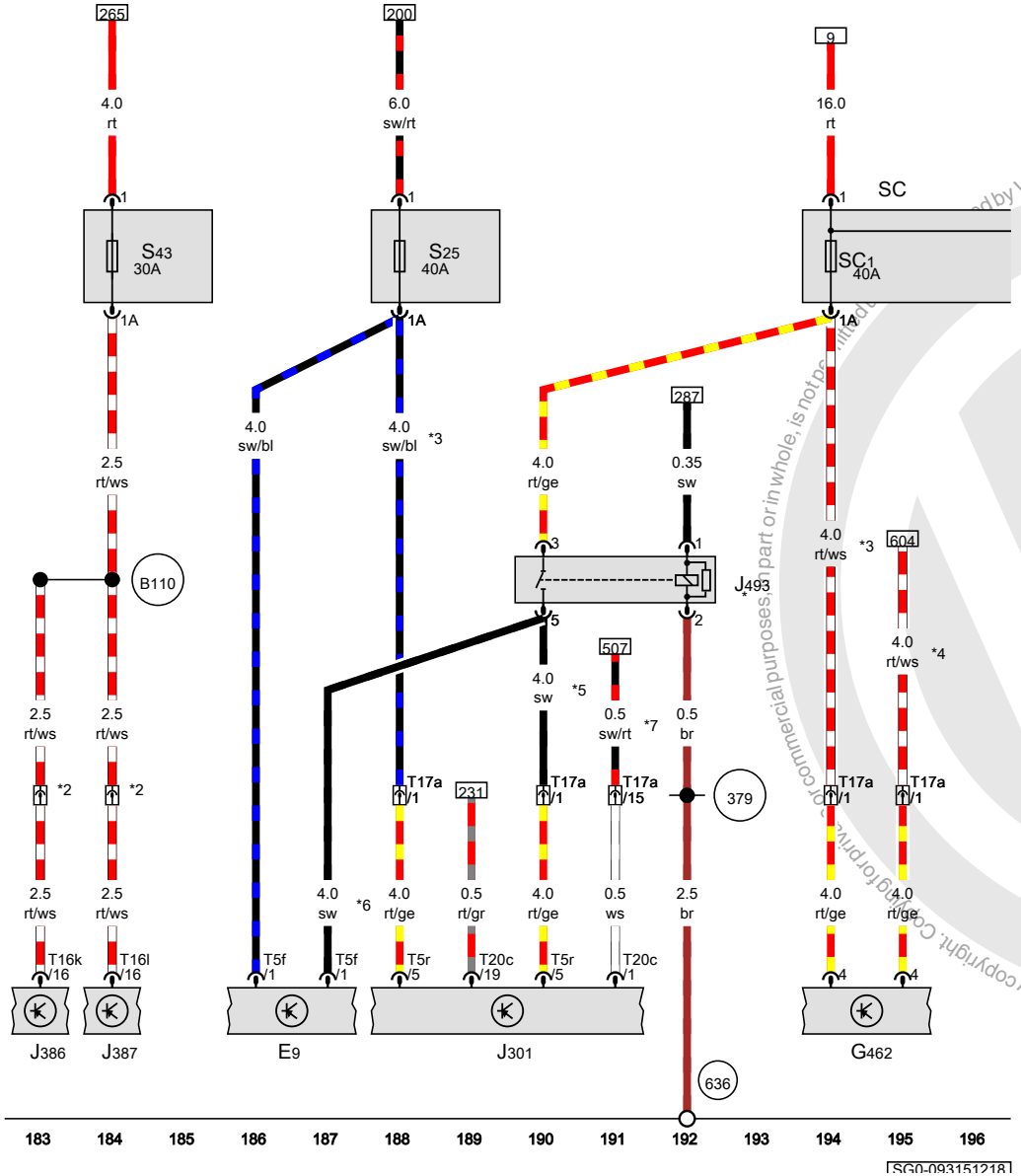
Fresh air blower switch, Sender for front Bitron blower regulation, Air conditioning system control unit, Driver door control unit, Front passenger door control unit, Auxiliary coolant heater relay, Hot air blower single fuse, Window regulator thermal fuse, Fuse holder C



E9	Fresh air blower switch
G462	Sender for front Bitron blower regulation
J301	Air conditioning system control unit
J386	Driver door control unit
J387	Front passenger door control unit
J493	Auxiliary coolant heater relay
S25	Hot air blower single fuse
S43	Window regulator thermal fuse
SC	Fuse holder C
SC1	Fuse 1 on fuse holder C
T5f	5-pin connector, black
T5r	5-pin connector, black
T16k	16-pin connector, black
T16l	16-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
379	Earth connection 14, in main wiring harness
636	Earth point, onboard supply control unit
B110	Connection (30, window regulators), in interior wiring harness
*	For models with no Climatronic
*2	see applicable current flow diagram for convenience system
*3	For models with no auxiliary coolant heater
*4	For models with auxiliary coolant heater
*5	For models with Climatic
*6	For models with no air conditioning system
*7	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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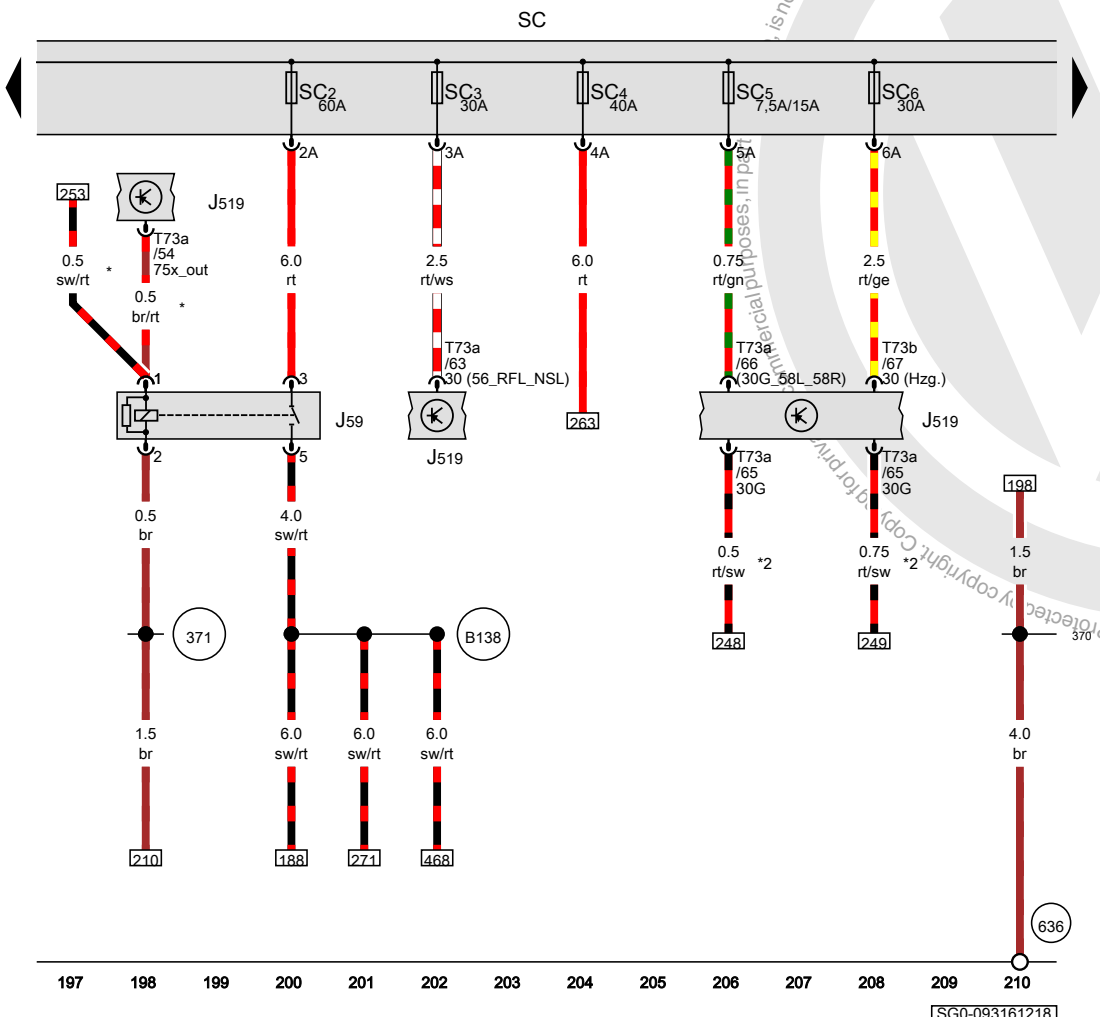
X-contact relief relay, Onboard supply control unit, Fuse holder C

J59	X-contact relief relay
J519	Onboard supply control unit
SC	Fuse holder C
SC2	Fuse 2 on fuse holder C
SC3	Fuse 3 on fuse holder C
SC4	Fuse 4 on fuse holder C
SC5	Fuse 5 on fuse holder C
SC6	Fuse 6 on fuse holder C
T73a	73-pin connector, black
T73b	73-pin connector, white
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
636	Earth point, onboard supply control unit
B138	Positive connection (X), in interior wiring harness
*	see applicable current flow diagram for engine
*2	see applicable current flow diagram for interior lights



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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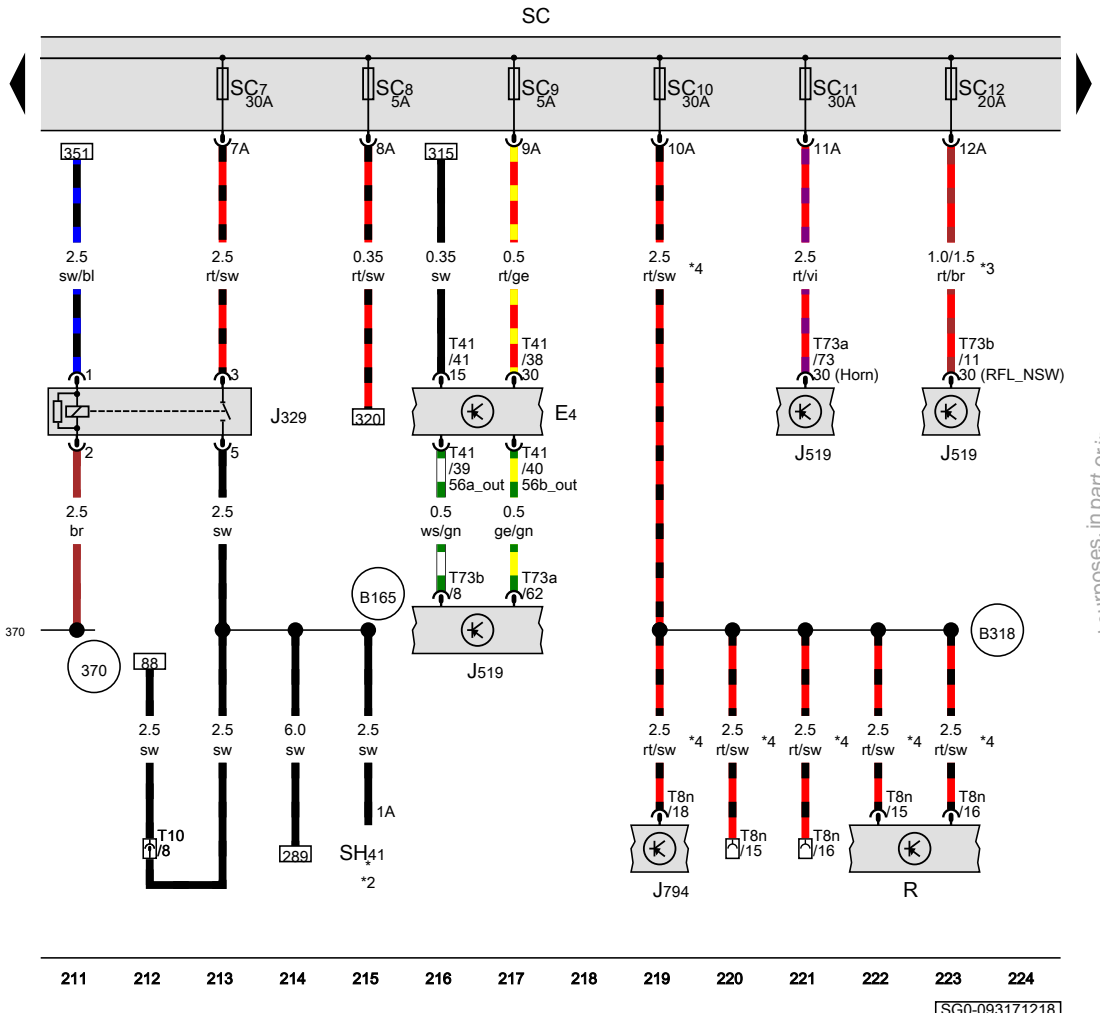
Headlight dipper and flasher switch, Terminal 15 voltage supply relay, Onboard supply control unit, Control unit 1 for information electronics, Radio, Fuse holder C, Fuse 41 in fuse holder H



E4	Headlight dipper and flasher switch
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J794	Control unit 1 for information electronics
R	Radio
SC	Fuse holder C
SC7	Fuse 7 on fuse holder C
SC8	Fuse 8 on fuse holder C
SC9	Fuse 9 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC11	Fuse 11 on fuse holder C
SC12	Fuse 12 on fuse holder C
SH41	Fuse 41 in fuse holder H
T8n	8-pin connector, black, in slot for radio
T10	10-pin connector, black, in E-box
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
370	Earth connection 5, in main wiring harness
B165	Positive connection 2 (15), in interior wiring harness
B318	Positive connection 4 (30a) in main wiring harness
*	see applicable current flow diagram
*2	For models with special police equipment
*3	Cross section depends on equipment
*4	For models with no start/stop system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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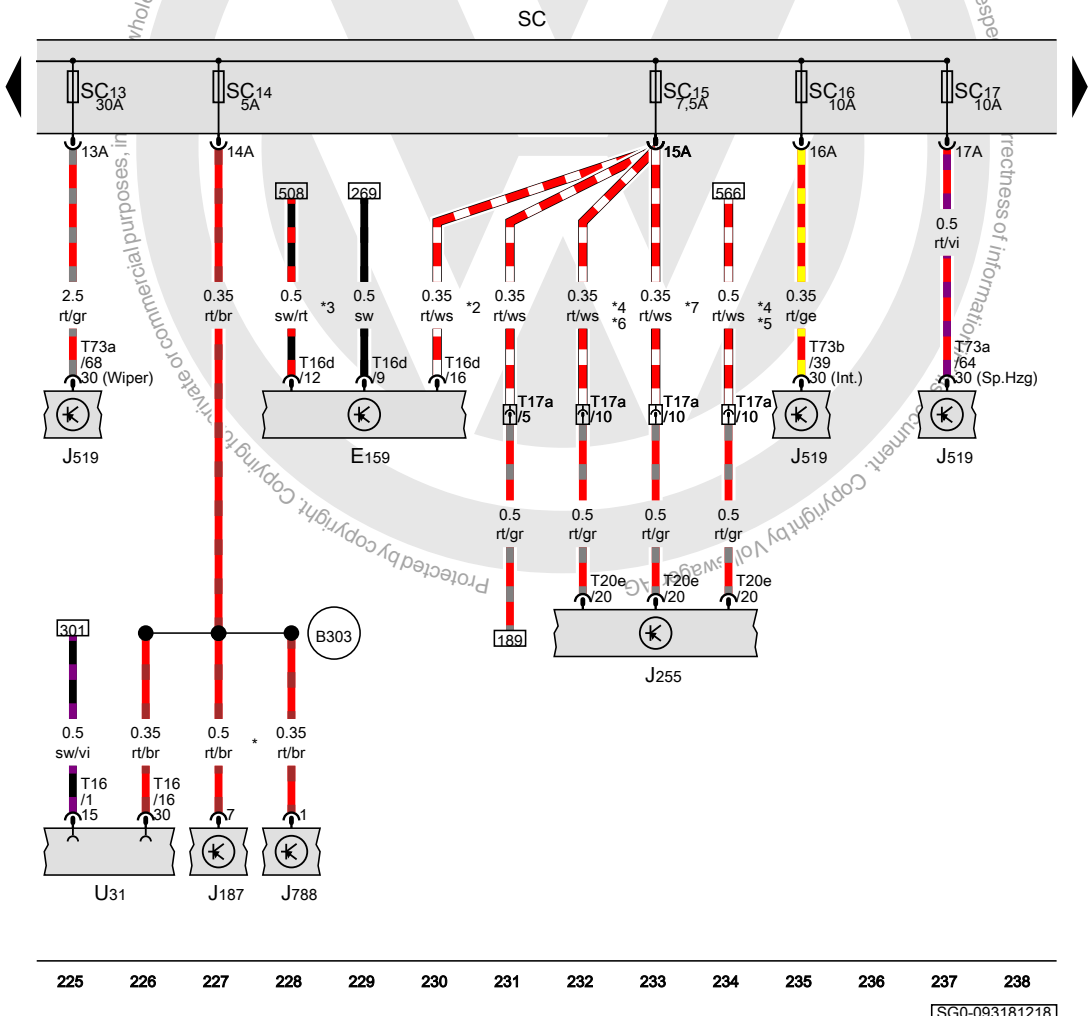

Fresh air and air recirculation flap switch, Differential lock control unit, Climatronic control unit, Onboard supply control unit, Isolation relay for powertrain CAN bus, Fuse holder C, Diagnostic connection

E159	Fresh air and air recirculation flap switch
J187	Differential lock control unit
J255	Climatronic control unit
J519	Onboard supply control unit
J788	Isolation relay for powertrain CAN bus
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC16	Fuse 16 on fuse holder C
SC17	Fuse 17 on fuse holder C
T16	16-pin connector, black
T16d	16-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T20e	20-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
U31	Diagnostic connection, on left in dash panel
B303	Positive connection 7 (30), in main wiring harness
*	For models with rear differential lock
*2	For models with no air conditioning system
*3	According to equipment
*4	For models with auxiliary coolant heater
*5	For models with start/stop system
*6	For models with no start/stop system
*7	For models with no auxiliary coolant heater

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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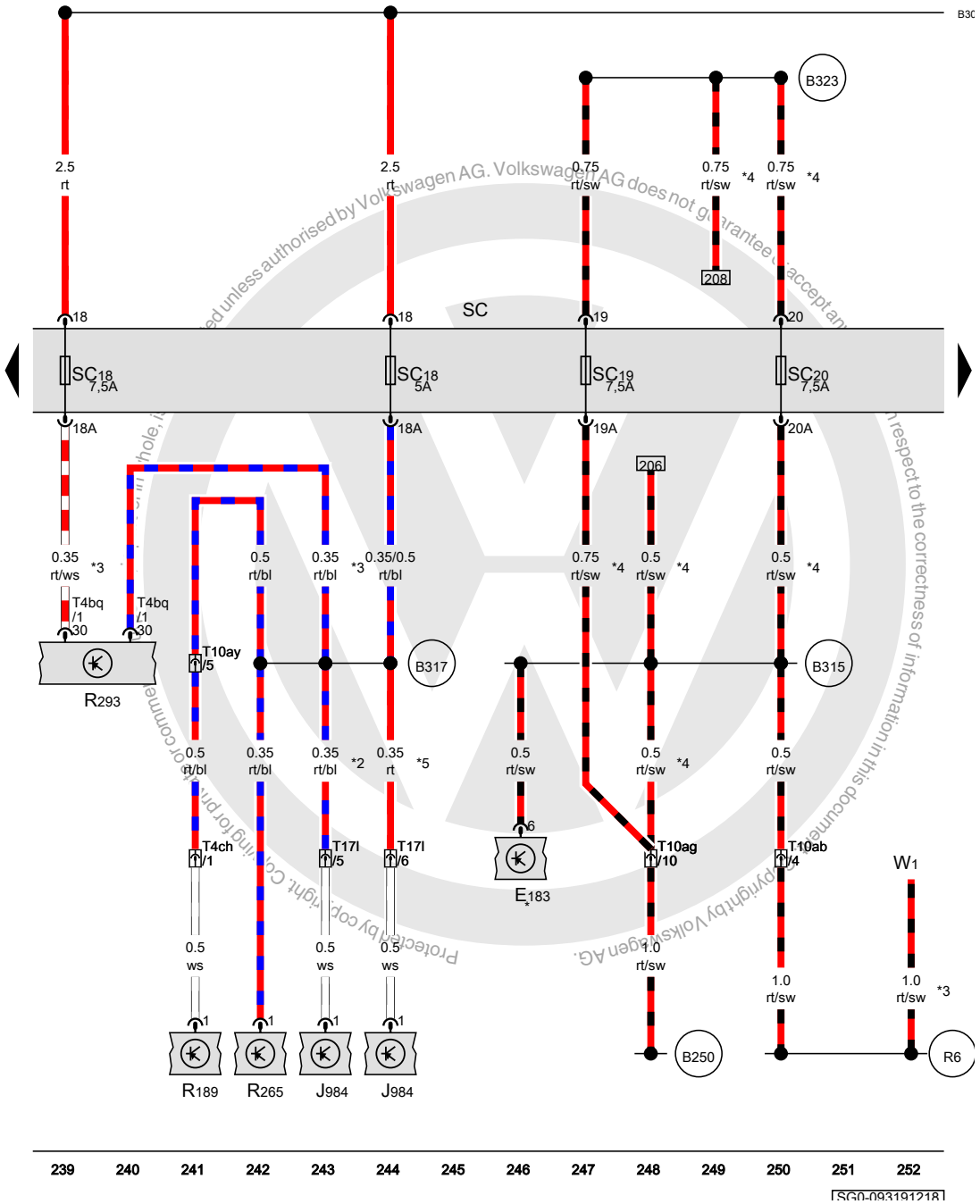

Interior monitoring switch, Two-way signal amplifier for mobile telephone/data services, Reversing camera, Storage compartment with interface for mobile telephone, USB hub, Fuse holder C, Front interior light

E183	Interior monitoring switch
J984	Two-way signal amplifier for mobile telephone/data services
R189	Reversing camera
R265	Storage compartment with interface for mobile telephone
R293	USB hub
SC	Fuse holder C
SC18	Fuse 18 on fuse holder C
SC19	Fuse 19 on fuse holder C
SC20	Fuse 20 on fuse holder C
T4bq	4-pin connector, red
T4ch	4-pin connector, black, under roof trim
T10ab	10-pin connector, white, in left A-pillar coupling station
T10ag	10-pin connector, brown, in left A-pillar coupling station
T10ay	10-pin connector, red, under seat on front right
T17l	17-pin connector, black, on left A-pillar
W1	Front interior light
B250	Positive connection, in roof wiring harness
B301	Positive connection 5 (30), in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B317	Positive connection 3 (30a) in main wiring harness
B323	Positive connection 9 (30a) in main wiring harness
R6	Positive connection 1, in interior light wiring harness
*	For models with anti-theft alarm system and tow-away protection
*2	For left-hand drive models
*3	According to equipment
*4	see applicable current flow diagram for interior lights
*5	For right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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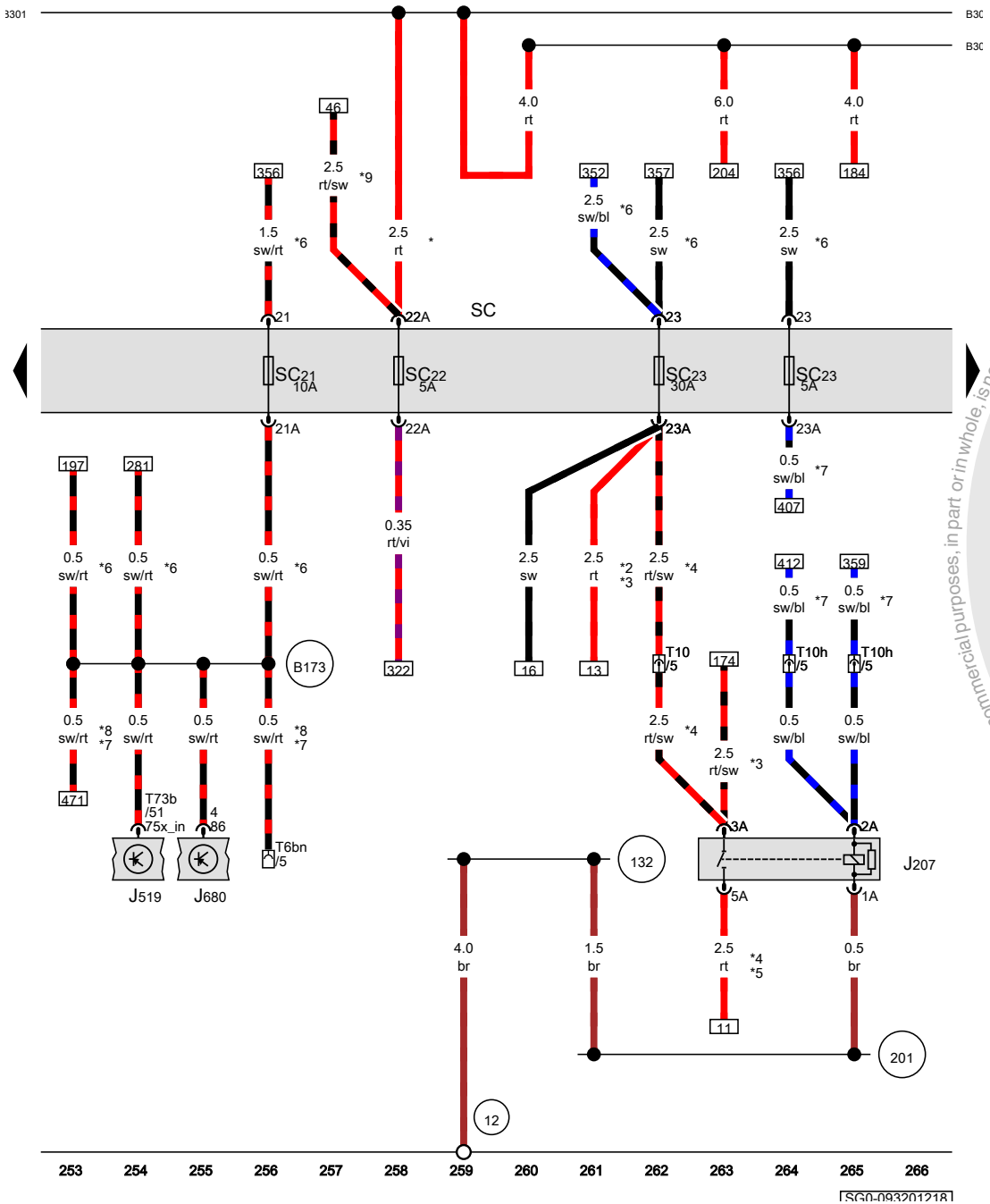

Starter inhibitor relay, Onboard supply control unit, Terminal 75 voltage supply relay 1, Fuse holder C, 6-pin connector

J207	Starter inhibitor relay
J519	Onboard supply control unit
J680	Terminal 75 voltage supply relay 1
SC	Fuse holder C
SC21	Fuse 21 on fuse holder C
SC22	Fuse 22 on fuse holder C
SC23	Fuse 23 on fuse holder C
T6bn	6-pin connector, grey, under seat on front left
T10	10-pin connector, black, in E-box
T10h	10-pin connector, orange, in E-box
T73b	73-pin connector, white
12	Earth point, on left in engine compartment
132	Earth connection 3, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
B173	Positive connection 2 (X), in interior wiring harness
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
*	For models with no start/stop system
*2	For models with no electric interface
*3	For models with manual gearbox
*4	For models with dual clutch gearbox (DSG)
*5	For models with electric interface for external use
*6	see applicable current flow diagram for engine
*7	According to equipment
*8	For models with special police equipment
*9	For models with start/stop system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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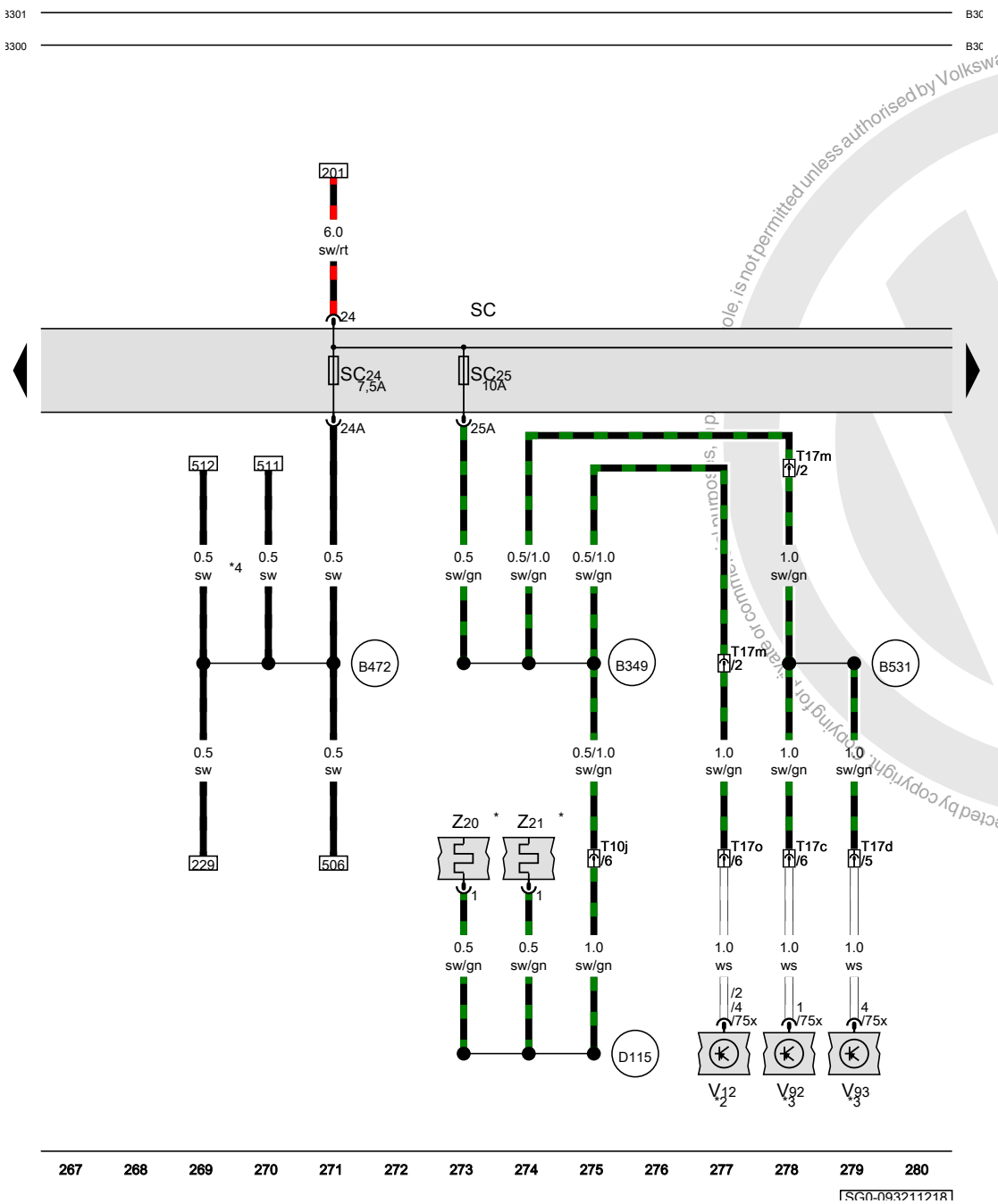

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bl	=	blue	
gr	=	grey	
li	=	purple	
vi	=	purple	
ge	=	yellow	
or	=	orange	
rs	=	pink	

Fuse holder C, Rear window wiper motor, Rear left wing door window wiper motor, Rear right wing door window wiper motor, Left washer jet heater element

SC	Fuse holder C
SC24	Fuse 24 on fuse holder C
SC25	Fuse 25 on fuse holder C
T10j	10-pin connector, brown, in E-box
T17c	17-pin connector, black, behind lower section of left D-pillar trim
T17d	17-pin connector, black, behind lower section of right D-pillar trim
T17m	17-pin connector, red, in left A-pillar coupling station
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
V12	Rear window wiper motor
V92	Rear left wing door window wiper motor
V93	Rear right wing door window wiper motor
Z20	Left washer jet heater element
Z21	Right washer jet heater element
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B349	Connection 2 (75a), in main wiring harness
B472	Connection 8, in main wiring harness
B531	Positive connection (75), in roof wiring harness
D115	Connection 13 in engine compartment wiring harness
*	For models with heater element for washer jets
*2	For models with rear lid
*3	For models with rear window wiper
*4	According to equipment

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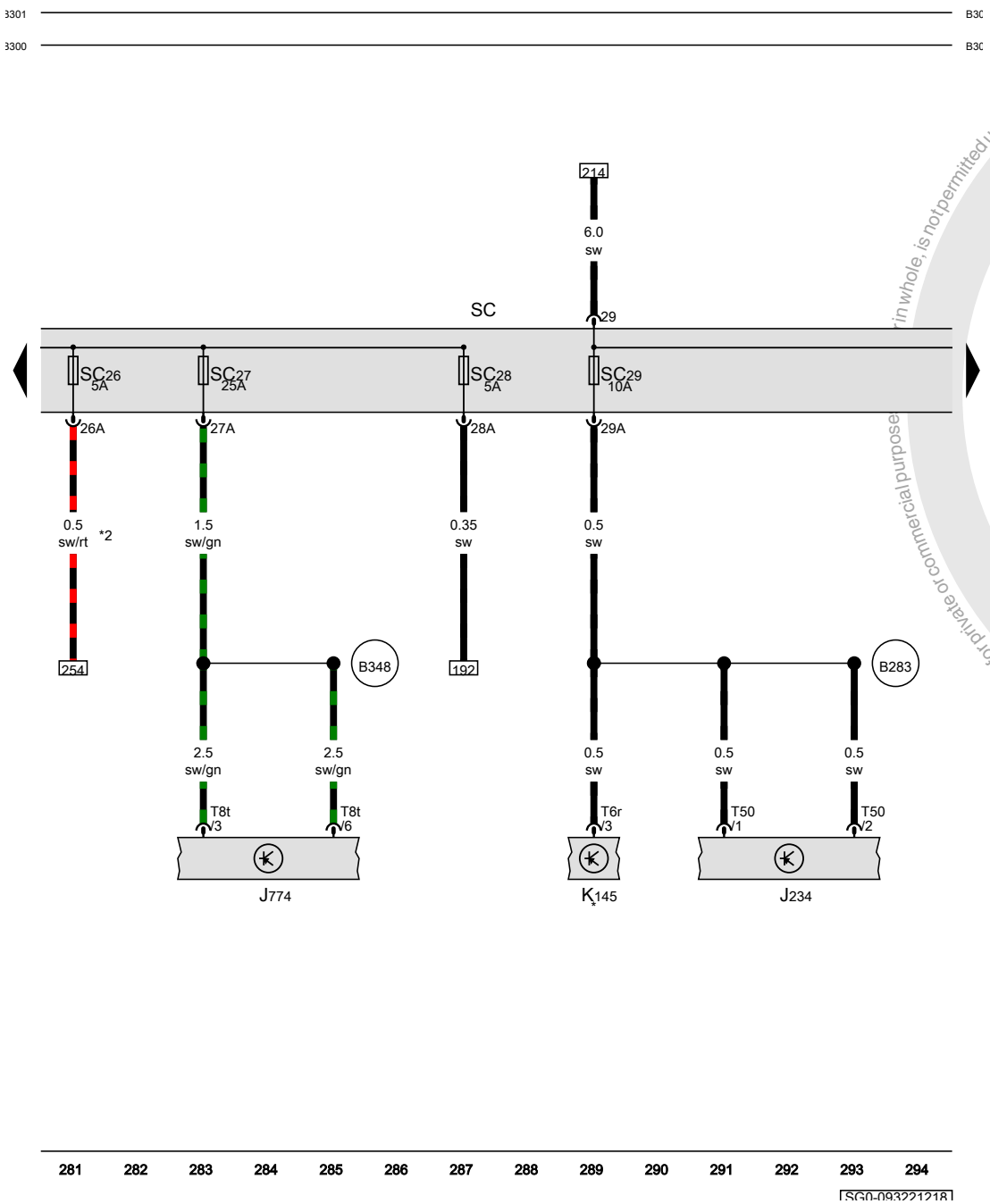

Airbag control unit, Heated front seats control unit, Warning lamp for airbag deactivated on front passenger side, Fuse holder C

J234	Airbag control unit
J774	Heated front seats control unit
K145	Warning lamp for airbag deactivated on front passenger side
SC	Fuse holder C
SC26	Fuse 26 on fuse holder C
SC27	Fuse 27 on fuse holder C
SC28	Fuse 28 on fuse holder C
SC29	Fuse 29 on fuse holder C
T6r	6-pin connector, green
T8t	8-pin connector, black
T50	50-pin connector, yellow
B283	Positive connection 7 (15a) in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B348	Connection 1 (75a), in main wiring harness
*	For models with key-operated switch to deactivate airbag
*2	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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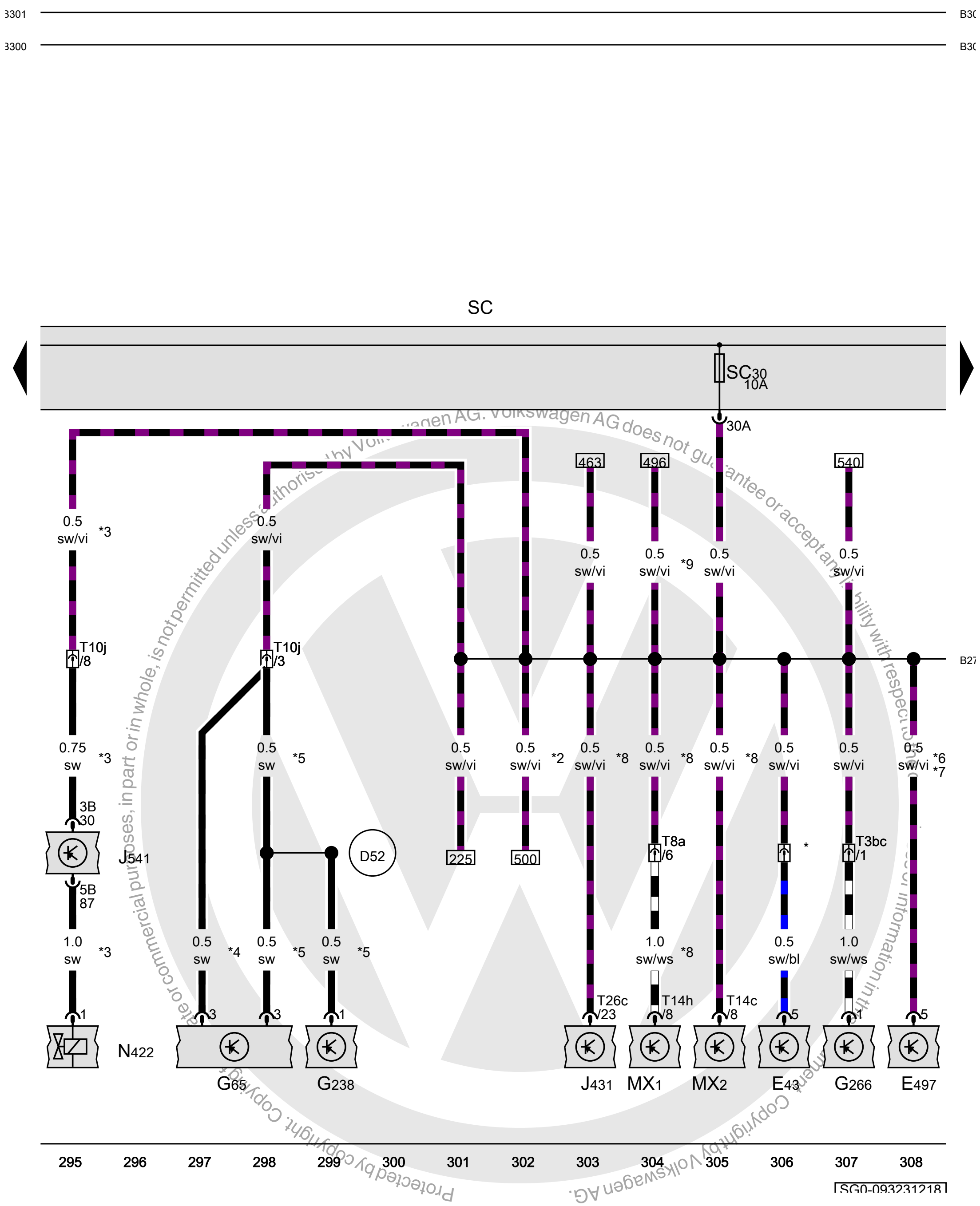

Mirror adjustment switch, Accident data recorder button, High-pressure sender, Air quality sensor, Oil level and oil temperature sender, Coolant shut-off valve relay, Climatronic coolant shut-off valve, Fuse holder C

E43	Mirror adjustment switch
E497	Accident data recorder button
G65	High-pressure sender
G238	Air quality sensor
G266	Oil level and oil temperature sender
J431	Headlight range control unit
J541	Coolant shut-off valve relay
MX1	Front left headlight
MX2	Front right headlight
N422	Climatronic coolant shut-off valve
SC	Fuse holder C
SC30	Fuse 30 on fuse holder C
T3bc	3-pin connector, black, on cross panel
T8a	8-pin connector, black, near horn, dual tone horn
T10ad	10-pin connector, red, near left A-pillar
T10j	10-pin connector, brown, in E-box
T14c	14-pin connector, black
T14h	14-pin connector, black
T26c	26-pin connector, black
B278	Positive connection 2 (15a) in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
D52	Positive connection (15a), in engine compartment wiring harness
*	see applicable current flow diagram for convenience system
*2	For models with no electric rear lid opener
*3	For countries with hot climate
*4	For models with air conditioning system
*5	For models with Climatronic
*6	For models with accident data recorder
*7	For models with special police equipment
*8	For models with LED headlights
*9	For models with electric rear lid opener

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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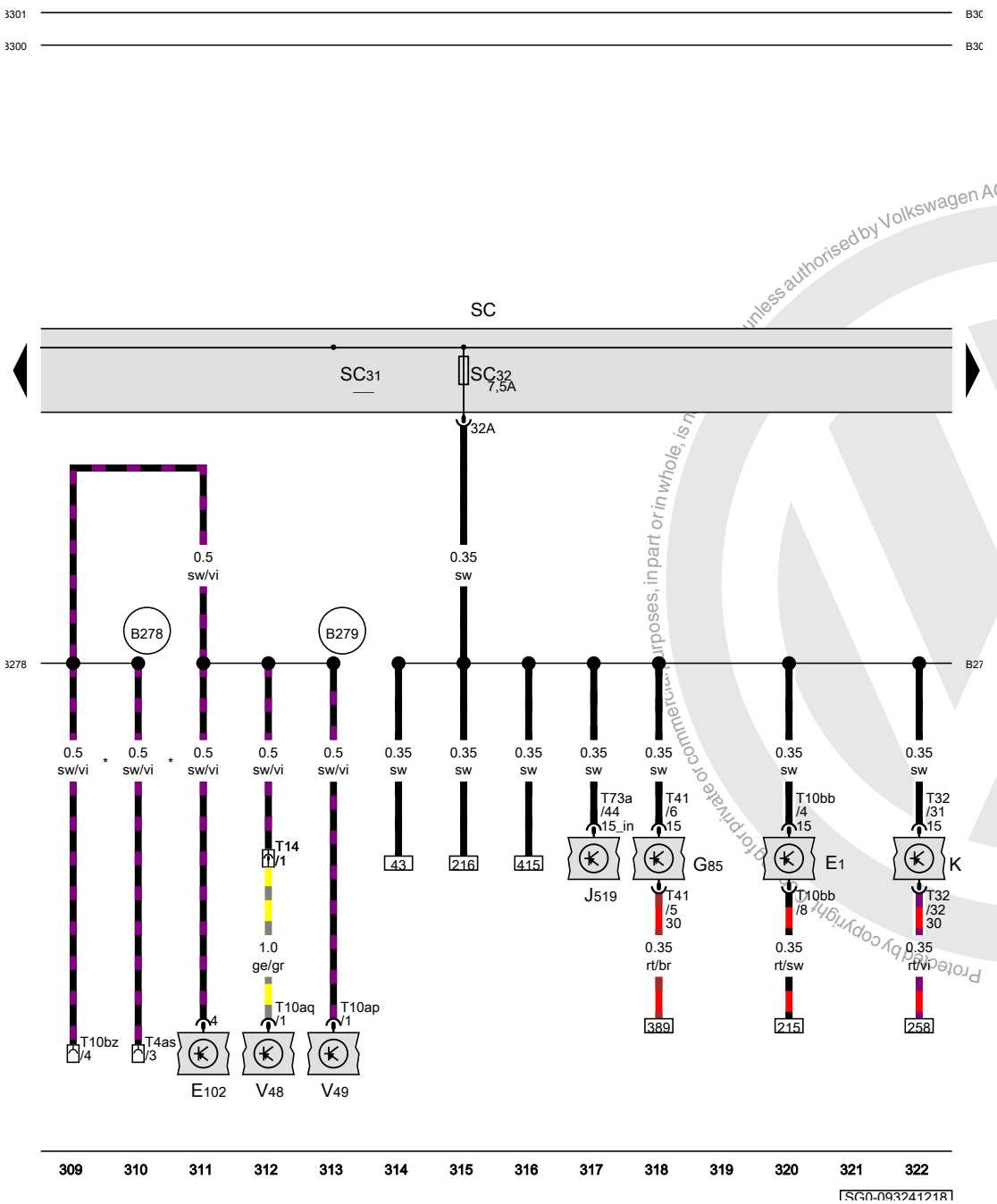
Light switch, Headlight range control regulator, Steering angle sender, Onboard supply control unit, Dash panel insert, Fuse holder C, 4-pin connector, Left headlight range control motor, Right headlight range control motor



E1	Light switch
E102	Headlight range control regulator
G85	Steering angle sender
J519	Onboard supply control unit
K	Dash panel insert
SC	Fuse holder C
SC31	Fuse 31 on fuse holder C
SC32	Fuse 32 on fuse holder C
T4as	4-pin connector, black
T10ap	10-pin connector, black
T10aq	10-pin connector, black
T10bb	10-pin connector, black
T10bz	10-pin connector, green, under seat on front right
T14	14-pin connector, black, on horn
T32	32-pin connector, blue
T41	41-pin connector, grey
T73a	73-pin connector, black
V48	Left headlight range control motor
V49	Right headlight range control motor
B277	Positive connection 1 (15a) in main wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
*	For models with special police equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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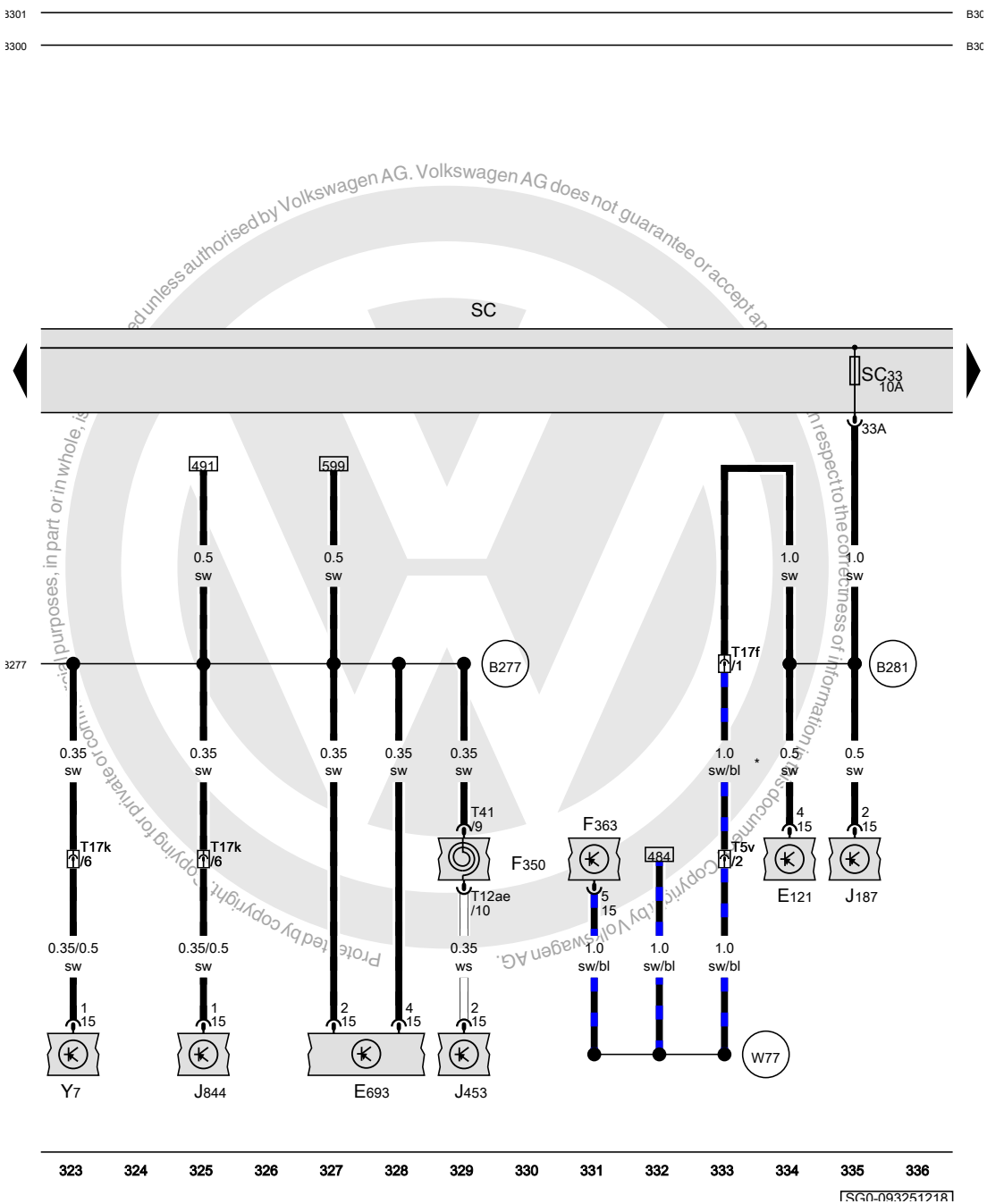

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Rear differential lock switch, Start/Stop operation button, Coil connector, Vacuum switch for rear differential lock, Differential lock control unit, Multifunction steering wheel control unit, Main beam assist control unit, Fuse holder C, Automatic anti-dazzle interior mirror

E121	Rear differential lock switch
E693	Start/Stop operation button
F350	Coil connector, in steering wheel
F363	Vacuum switch for rear differential lock
J187	Differential lock control unit
J453	Multifunction steering wheel control unit
J844	Main beam assist control unit
SC	Fuse holder C
SC33	Fuse 33 on fuse holder C
T5v	5-pin connector, black
T12ae	12-pin connector, yellow
T17f	17-pin connector, brown, under seat on front left
T17k	17-pin connector, green, in left A-pillar coupling station
T41	41-pin connector, grey
Y7	Automatic anti-dazzle interior mirror
B277	Positive connection 1 (15a) in main wiring harness
B281	Positive connection 5 (15a) in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
W77	Positive connection 1 (15) in all-wheel drive wiring harness
*	see applicable current flow diagram

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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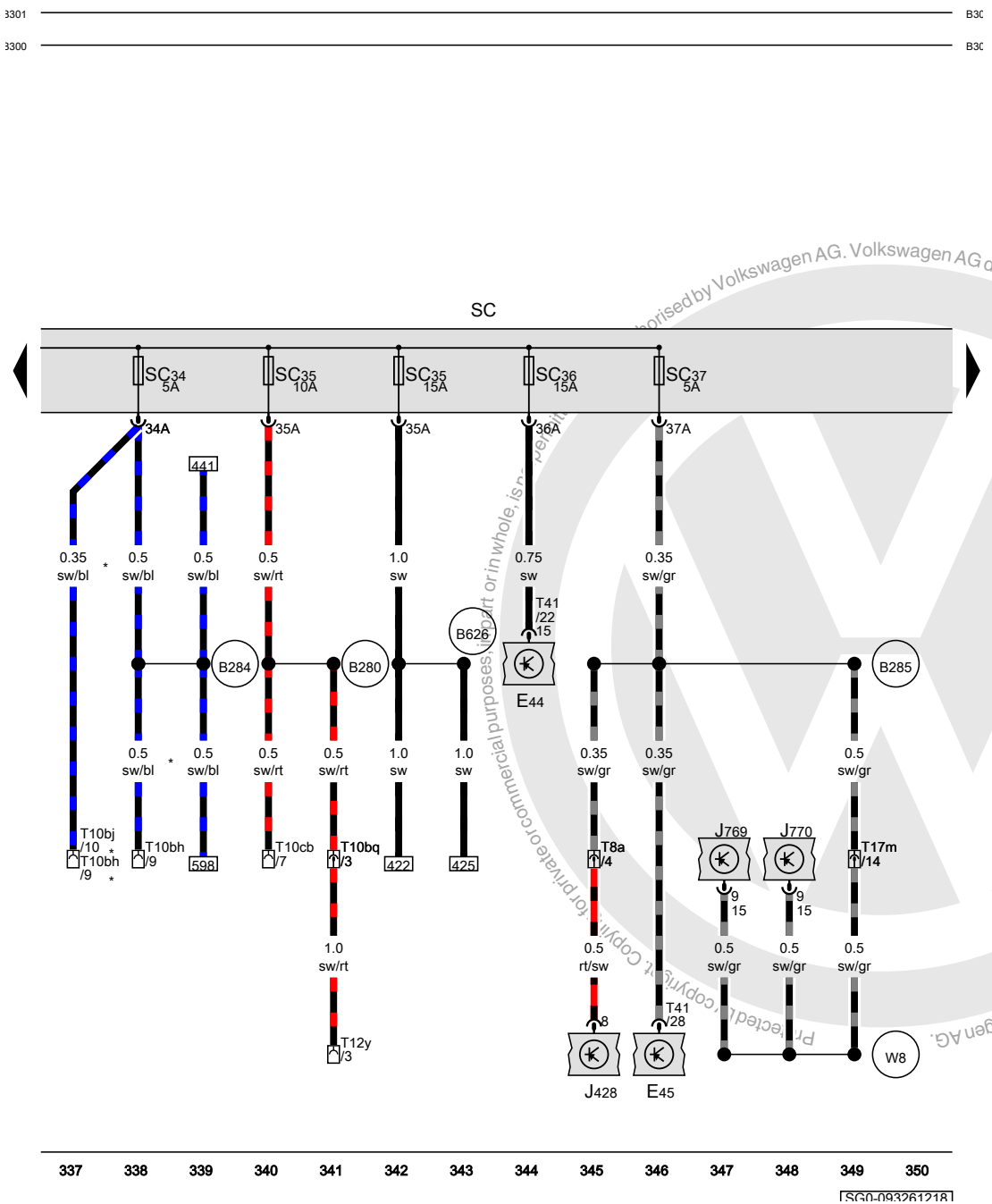
ge	=	yellow
or	=	orange
rs	=	pink



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Washer pump switch (automatic wash/wipe and headlight washer system), Cruise control system switch, Adaptive cruise control unit, Lane change assist control unit, Lane change assist control unit 2, Fuse holder C, 10-pin connector, 10-pin connector, 12-pin connector

E44	Washer pump switch (automatic wash/wipe and headlight washer system)
E45	Cruise control system switch
J428	Adaptive cruise control unit
J769	Lane change assist control unit
J770	Lane change assist control unit 2
SC	Fuse holder C
SC34	Fuse 34 on fuse holder C
SC35	Fuse 35 on fuse holder C
SC36	Fuse 36 on fuse holder C
SC37	Fuse 37 on fuse holder C
T8a	8-pin connector, black, on horn
T10bh	10-pin connector, purple, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T10bq	10-pin connector, orange, under driver seat
T10cb	10-pin connector, black
T12y	12-pin connector, black
T17m	17-pin connector, red, on left A-pillar
T41	41-pin connector, grey
B280	Positive connection 4 (15a) in main wiring harness
B284	Positive connection 8 (15a) in main wiring harness
B285	Positive connection 9 (15a) in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B626	Positive connection 2 (15), in main wiring harness
W8	Connection (15a), in rear wiring harness
*	According to equipment

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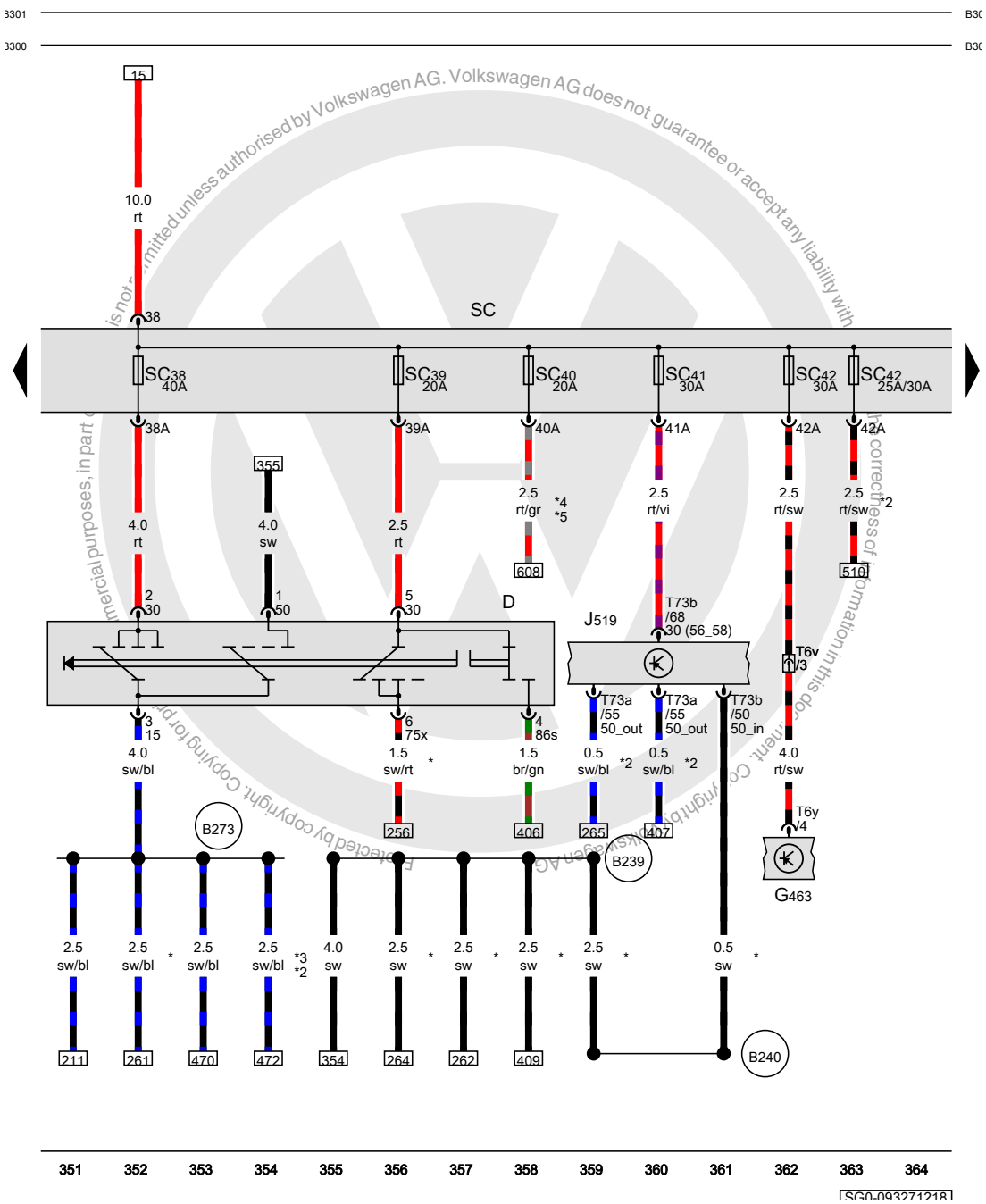

Ignition/starter switch, Rear blower regulation sender, Onboard supply control unit, Fuse holder C

D	Ignition/starter switch
G463	Rear blower regulation sender
J519	Onboard supply control unit
SC	Fuse holder C
SC38	Fuse 38 on fuse holder C
SC39	Fuse 39 on fuse holder C
SC40	Fuse 40 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC42	Fuse 42 on fuse holder C
T6v	6-pin connector, white, under seat on front right
T6y	6-pin connector, brown
T73a	73-pin connector, black
T73b	73-pin connector, white
B239	Positive connection 1 (50), in interior wiring harness
B240	Positive connection 2 (50), in interior wiring harness
B273	Positive connection (15), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
*	see applicable current flow diagram for engine
*2	According to equipment
*3	For models with special police equipment
*4	For models with no second battery
*5	From November 2015

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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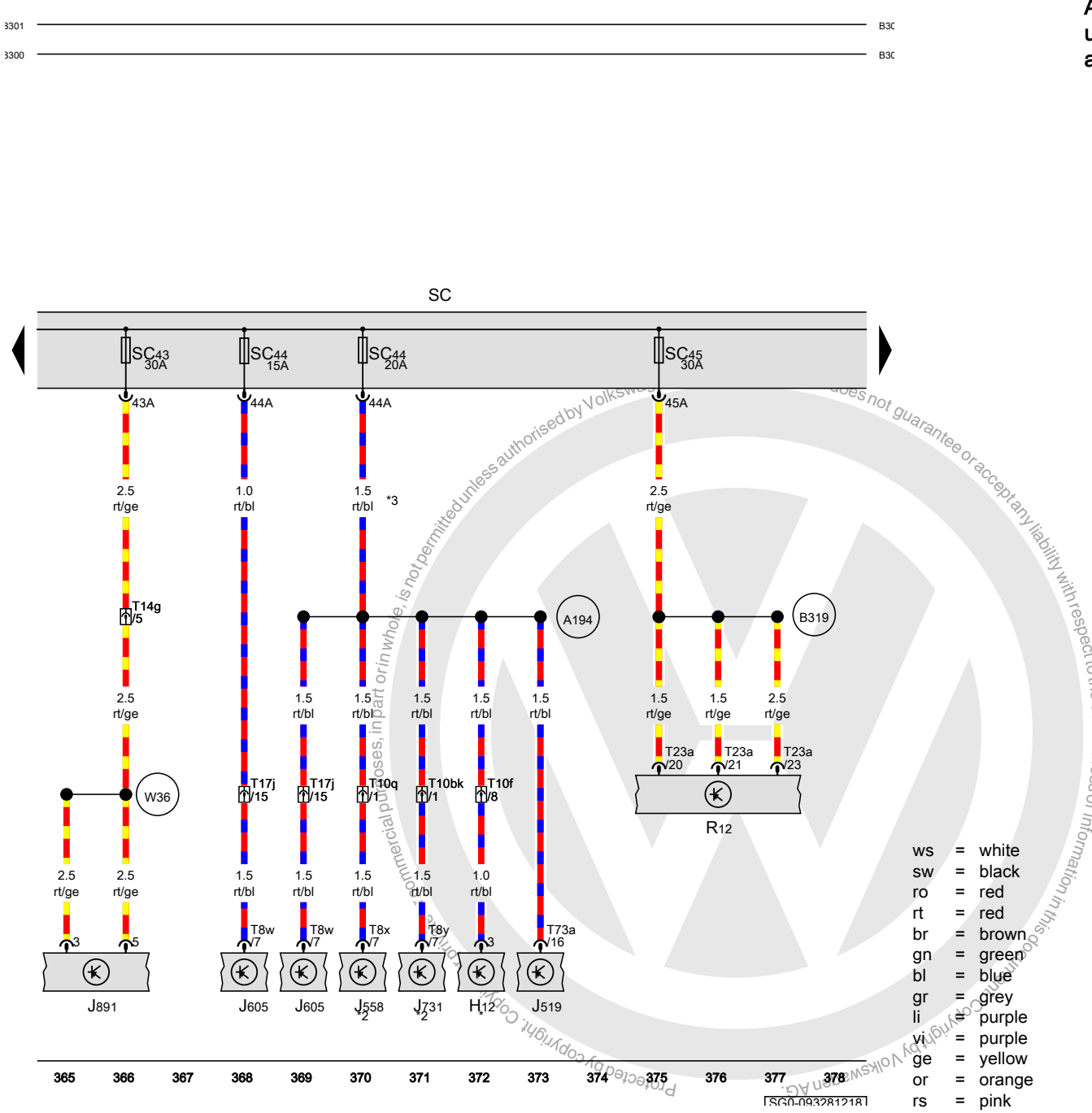

Alarm horn, Left sliding door control unit, Rear lid control unit, Right sliding door control unit, Control unit for reducing agent heater, Amplifier, Fuse holder C

H12	Alarm horn
J519	Onboard supply control unit
J558	Left sliding door control unit
J605	Rear lid control unit
J731	Right sliding door control unit
J891	Control unit for reducing agent heater
R12	Amplifier, under front passenger seat
SC	Fuse holder C
SC43	Fuse 43 on fuse holder C
SC44	Fuse 44 on fuse holder C
SC45	Fuse 45 on fuse holder C
T8w	8-pin connector, black
T8x	8-pin connector, black
T8y	8-pin connector, black
T10bk	10-pin connector, grey, under seat on front right
T10f	10-pin connector, green, in E-box
T10q	10-pin connector, green, under seat on front left
T14g	14-pin connector, black, near container for additive
T17j	17-pin connector, white, under seat on front left
T23a	23-pin connector, green
T73a	73-pin connector, black
A194	Connection (convenience system) in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B319	Positive connection 5 (30a) in main wiring harness
W36	Positive connection (30a), in floor wiring harness
*	For models with anti-theft alarm system
*2	For models with no electric sliding doors
*3	For models with central locking

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
rs	=	pink

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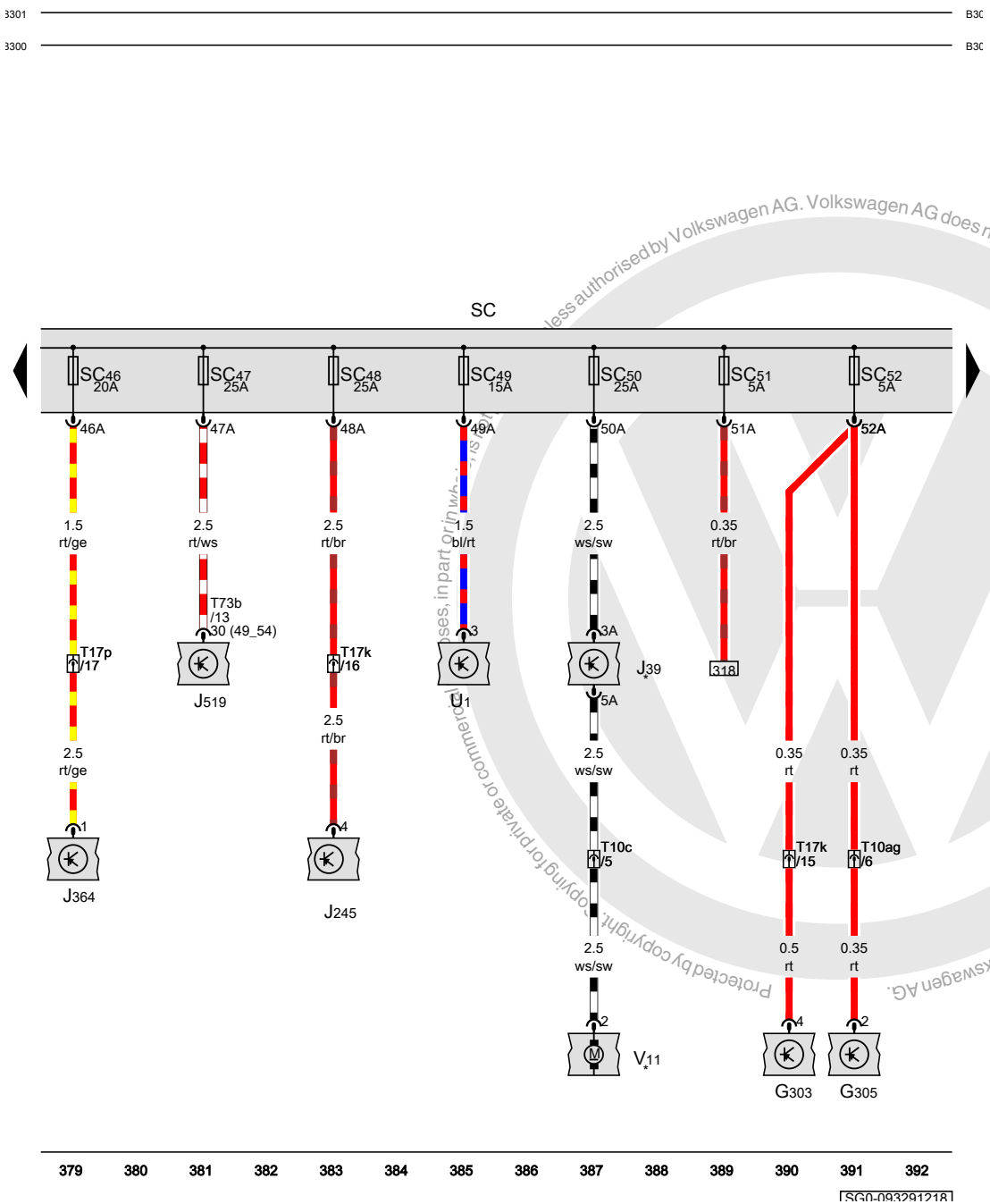

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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Interior monitor send and receive module 1, Interior monitor send and receive module 2, Headlight washer system relay, Sliding sunroof adjustment control unit, Auxiliary heater control unit, Onboard supply control unit, Fuse holder C, Cigarette lighter, Headlight washer system pump

G303	Interior monitor send and receive module 1, near front interior light
G305	Interior monitor send and receive module 2, on rear roof module
J39	Headlight washer system relay
J245	Sliding sunroof adjustment control unit
J364	Auxiliary heater control unit
J519	Onboard supply control unit
SC	Fuse holder C
SC46	Fuse 46 on fuse holder C
SC47	Fuse 47 on fuse holder C
SC48	Fuse 48 on fuse holder C
SC49	Fuse 49 on fuse holder C
SC50	Fuse 50 on fuse holder C
SC51	Fuse 51 on fuse holder C
SC52	Fuse 52 on fuse holder C
T10ag	10-pin connector, brown, in left A-pillar coupling station
T10c	10-pin connector, yellow, in E-box
T17k	17-pin connector, green, in left A-pillar coupling station
T17p	17-pin connector, red, under seat on front left
T73b	73-pin connector, white
U1	Cigarette lighter
V11	Headlight washer system pump
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
*	For models with headlight washer system

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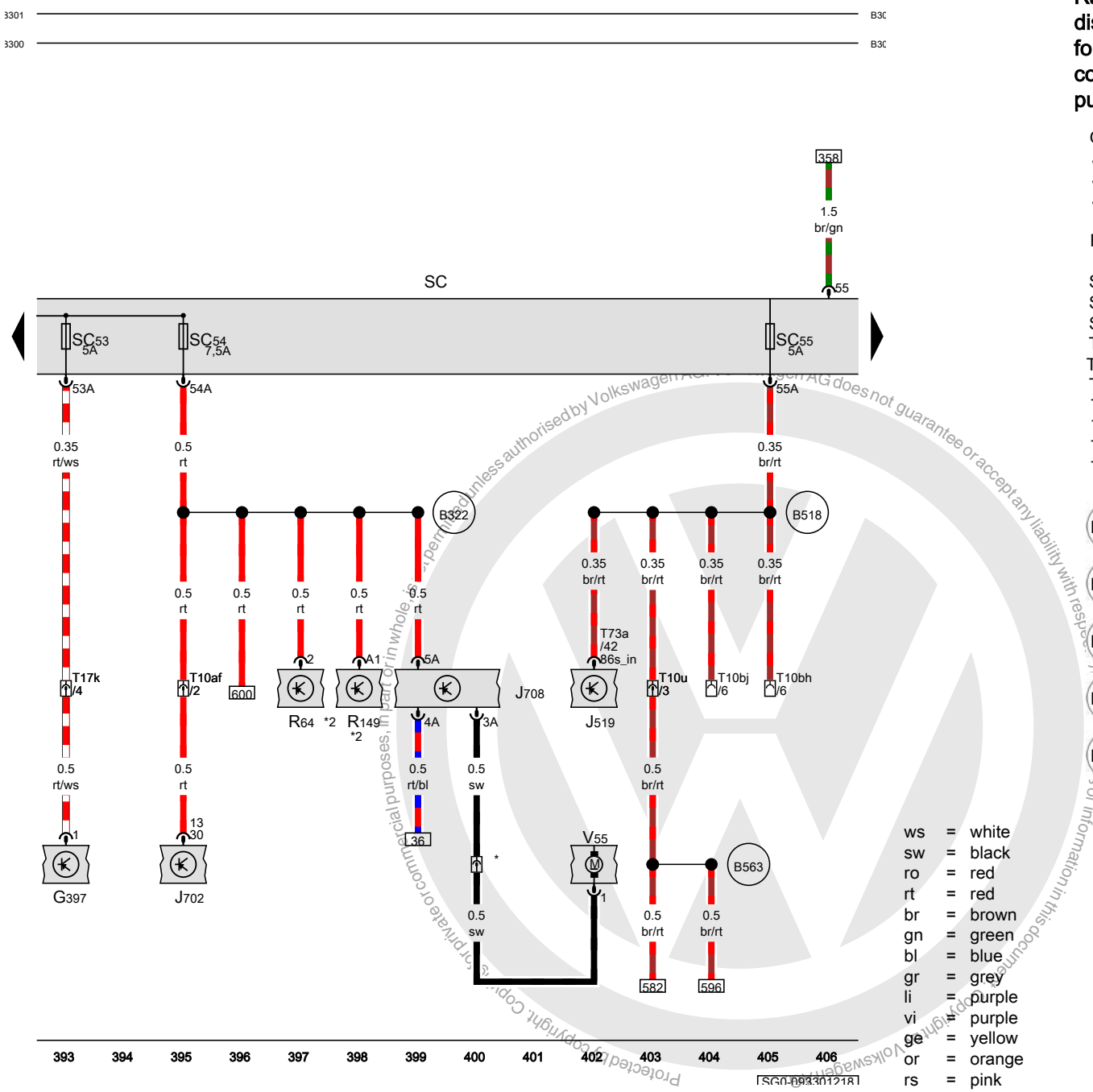

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Rain and light sensor, Onboard supply control unit, Roof display unit, Residual heat relay, Remote control receiver for auxiliary heater, Remote control receiver for auxiliary coolant heater, Fuse holder C, 10-pin connector, Circulation pump

G397	Rain and light sensor
J519	Onboard supply control unit
J702	Roof display unit
J708	Residual heat relay
R64	Remote control receiver for auxiliary heater
R149	Remote control receiver for auxiliary coolant heater
SC	Fuse holder C
SC53	Fuse 53 on fuse holder C
SC54	Fuse 54 on fuse holder C
SC55	Fuse 55 on fuse holder C
T10af	10-pin connector, blue, in left A-pillar coupling station
T10bh	10-pin connector, purple, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T10u	10-pin connector, blue, under seat on front left
T17k	17-pin connector, green, in left A-pillar coupling station
T17p	17-pin connector, red, under seat on front left
T73a	73-pin connector, black
V55	Circulation pump
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B322	Positive connection 8 (30a) in main wiring harness
B518	Connection (86s), in main wiring harness
B563	Positive connection 3, in Camper wiring harness
*	see applicable current flow diagram for auxiliary coolant heater
*2	For models with remote control receiver for auxiliary heater

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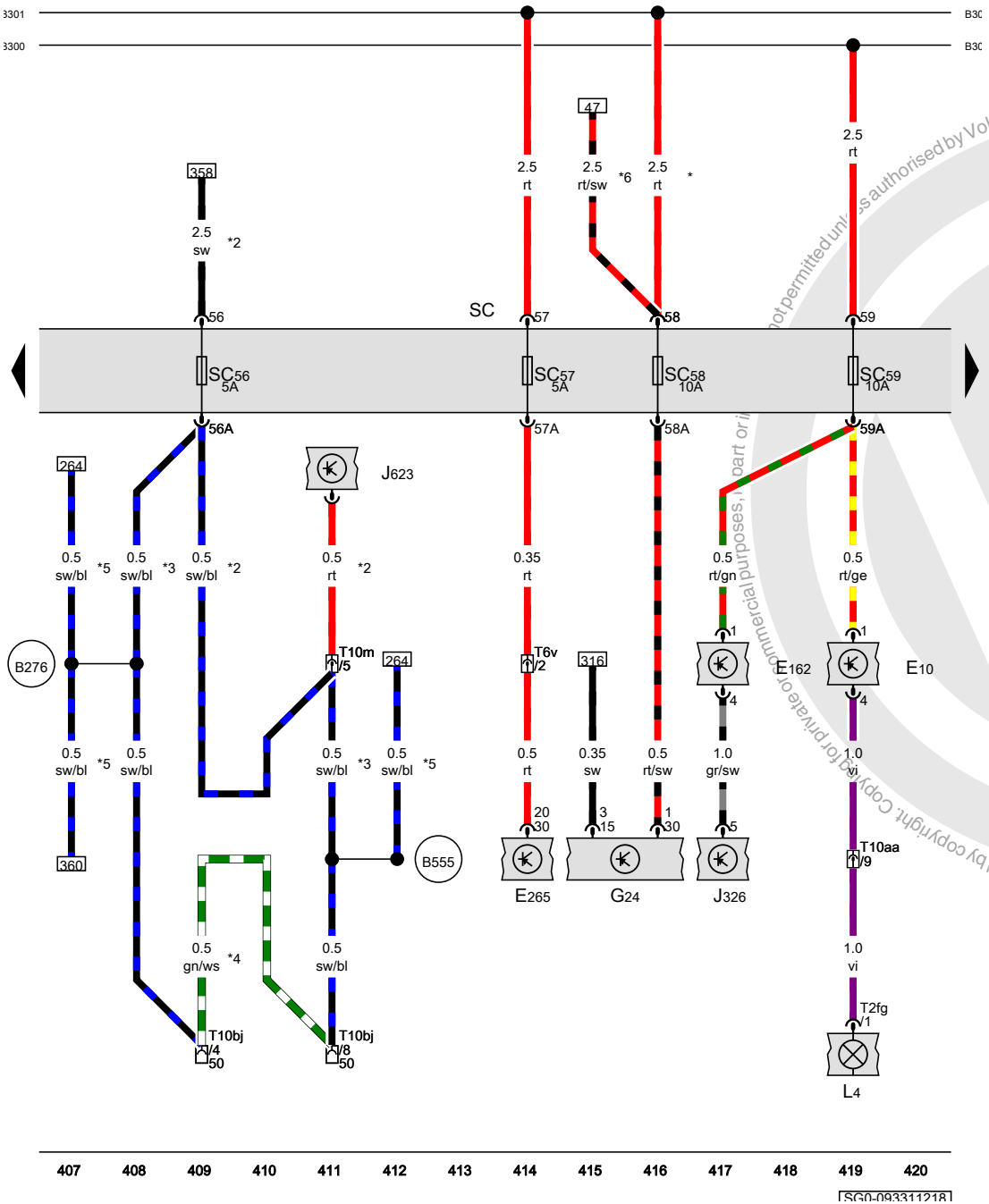

Red Cross light switch, Rotating light switch, Operating and display unit for rear air conditioning system, Tachograph, Rotating light relay, Red Cross light bulb, Fuse holder C

E10	Red Cross light switch
E162	Rotating light switch
E265	Operating and display unit for rear air conditioning system
G24	Tachograph
J326	Rotating light relay
J623	Engine/motor control unit
L4	Red Cross light bulb
SC	Fuse holder C
SC56	Fuse 56 on fuse holder C
SC57	Fuse 57 on fuse holder C
SC58	Fuse 58 on fuse holder C
SC59	Fuse 59 on fuse holder C
T2fg	2-pin connector, black, under roof trim, middle, front
T6v	6-pin connector, white, under seat on front right
T10aa	10-pin connector, dark brown, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T10m	10-pin connector, light pink, in E-box
B276	Positive connection (50), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B555	Positive connection 2 (50), in main wiring harness
*	For models with no start/stop system
*2	see applicable current flow diagram for engine
*3	For models with electric interface for external use
*4	Wire could be cut by special vehicle manufacturer
*5	According to equipment
*6	For models with start/stop system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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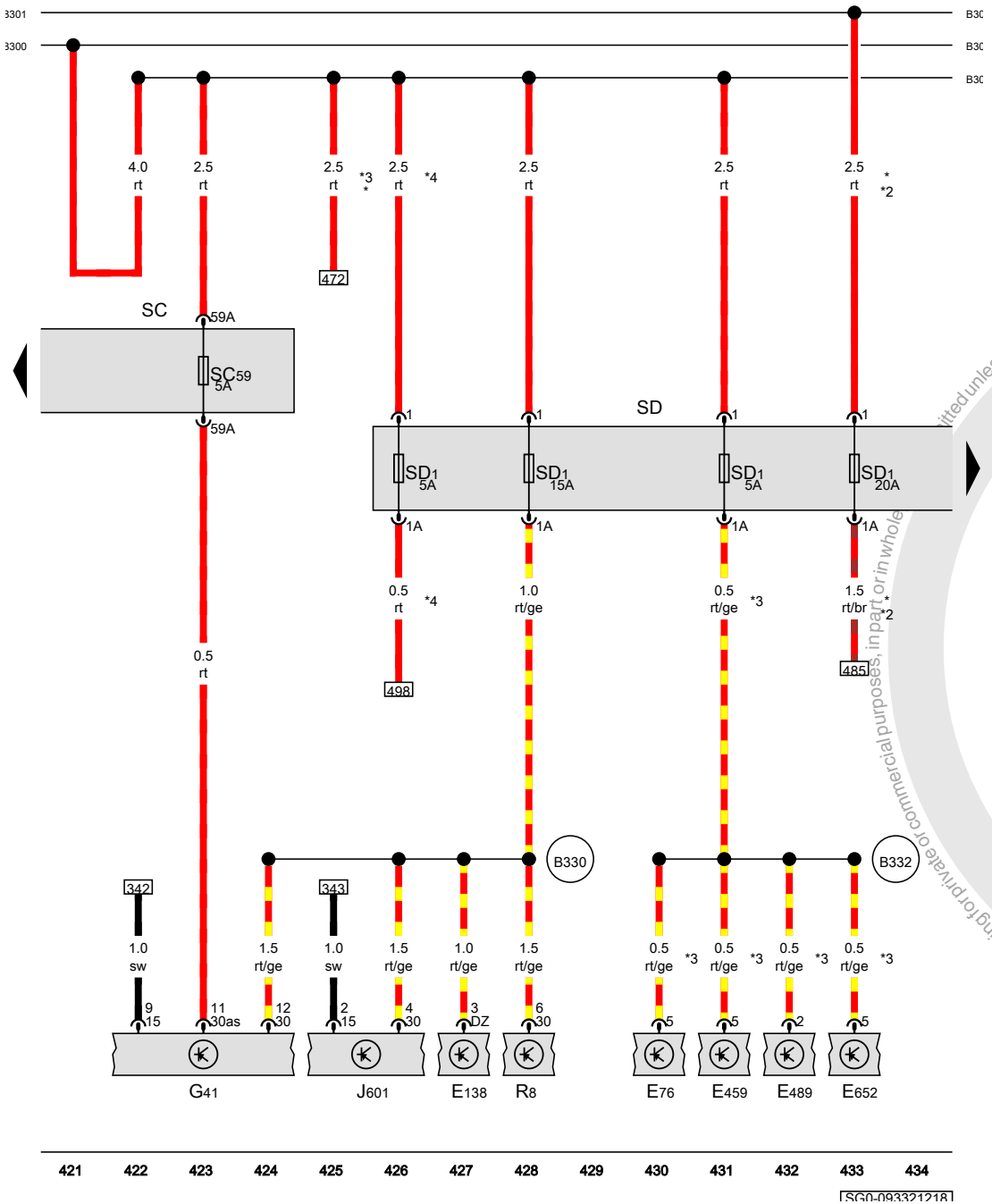

Two-way radio button, Taxi sign switch, Front interior light (door contact) button, Ignition bypass button, Button for daytime running light switch-off, Taximeter, Taxi alarm remote control, control unit, Two-way radio, Fuse holder C, Fuse holder D

E76	Two-way radio button
E138	Taxi sign switch
E459	Front interior light (door contact) button
E489	Ignition bypass button
E652	Button for daytime running light switch-off
G41	Taximeter
J601	Taxi alarm remote control, control unit
R8	Two-way radio
SC	Fuse holder C
SD1	Fuse 1 on fuse holder D
SC59	Fuse 59 on fuse holder C
SD	Fuse holder D
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
B330	Positive connection 16 (30a) in main wiring harness
B332	Positive connection 18 (30a) in main wiring harness
*	According to equipment
*2	see applicable current flow diagram for all-wheel drive
*3	For models with special police equipment
*4	For right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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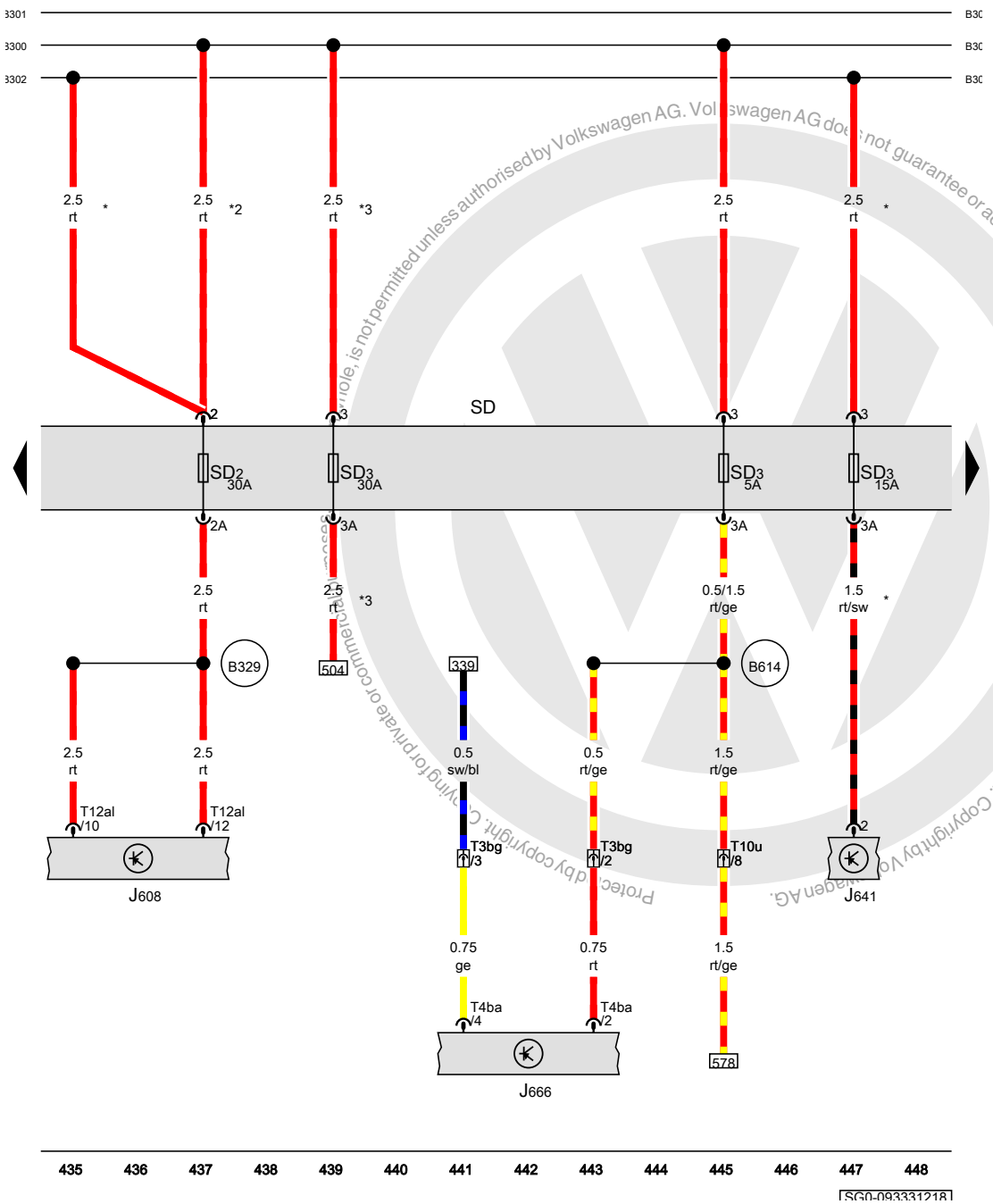

Special vehicle control unit, Alarm horn relay, Internet access control unit, Fuse holder D

J608	Special vehicle control unit
J641	Alarm horn relay
J666	Internet access control unit
SD	Fuse holder D
SD2	Fuse 2 on fuse holder D
SD3	Fuse 3 on fuse holder D
T3bg	3-pin connector, black, behind glove compartment
T4ba	4-pin connector, black, in glove compartment
T10u	10-pin connector, blue, under seat on front left
T12al	12-pin connector, black, under front passenger seat
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
B329	Positive connection 15 (30a) in main wiring harness
B614	Positive connection 23 (30a) in main wiring harness
*	For models with taxi equipment
*2	For models with special vehicle control unit
*3	For right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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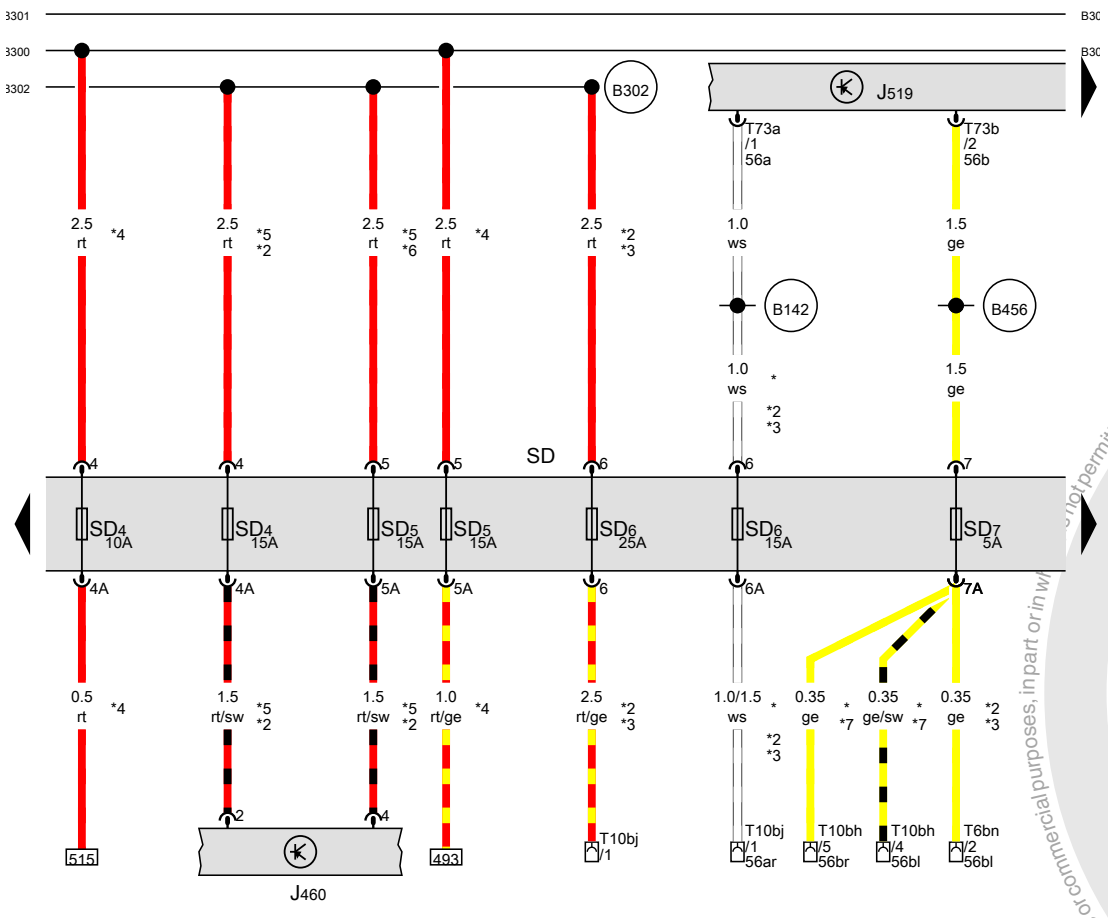

Alarm system relay 1, Onboard supply control unit, Fuse holder D, 6-pin connector

J460	Alarm system relay 1
J519	Onboard supply control unit
SD	Fuse holder D
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
SD6	Fuse 6 on fuse holder D
SD7	Fuse 7 on fuse holder D
T6bn	6-pin connector, grey, under seat on front left
T10bh	10-pin connector, purple, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
B142	Positive connection 2 (56a), in interior wiring harness
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
B456	Connection (56b), in main wiring harness
*	For models with no special police equipment
*2	For models with special police equipment
*3	see applicable current flow diagram
*4	For right-hand drive models
*5	For models with taxi equipment
*6	For models with special vehicle control unit
*7	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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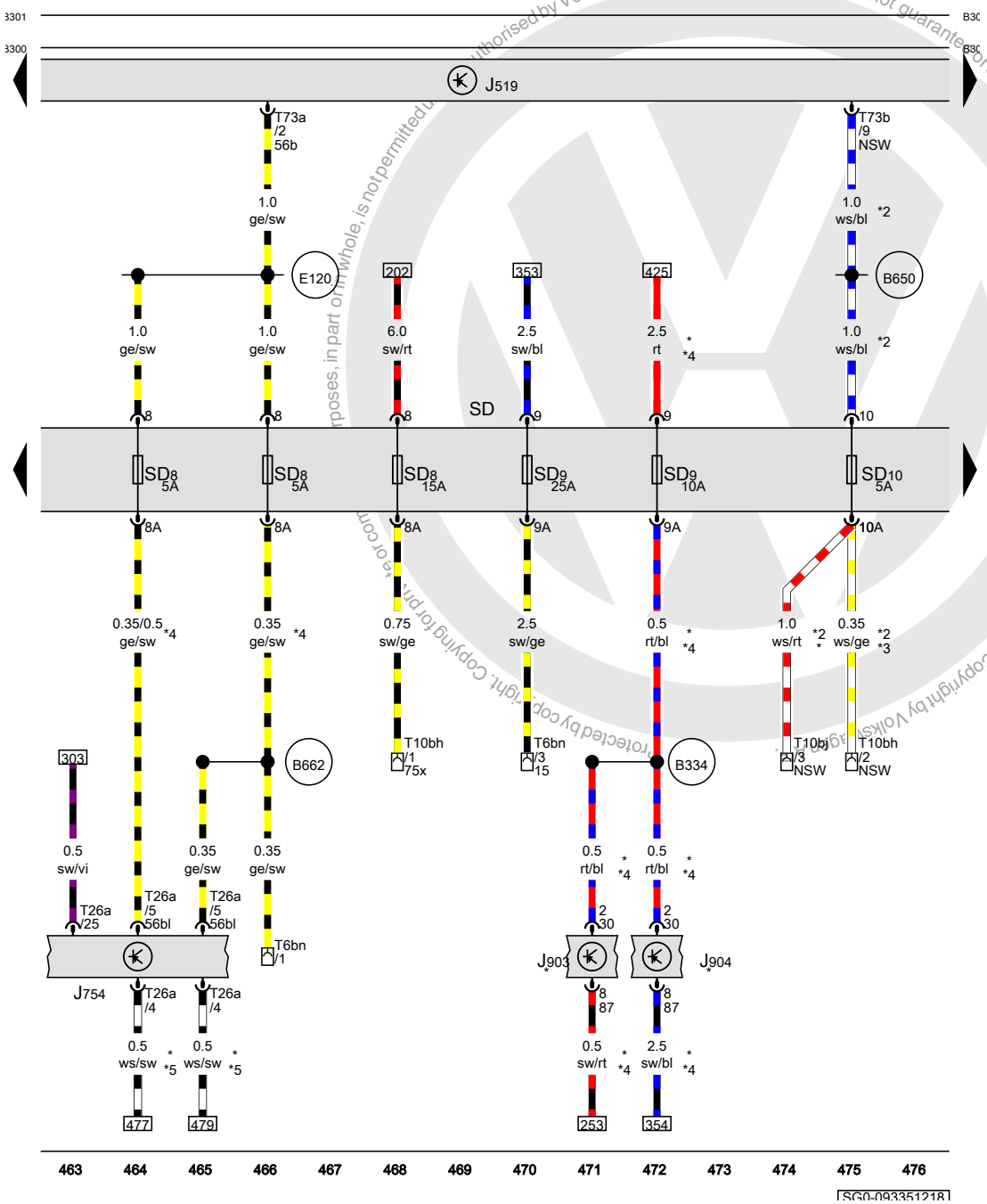

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Onboard supply control unit, Accident data memory, Relay 1 for ignition bypass, Relay 2 for ignition bypass, Fuse holder D

J519	Onboard supply control unit
J754	Accident data memory, under front passenger seat
J903	Relay 1 for ignition bypass
J904	Relay 2 for ignition bypass
SD	Fuse holder D
SD8	Fuse 8 on fuse holder D
SD9	Fuse 9 on fuse holder D
SD10	Fuse 10 on fuse holder D
T6bn	6-pin connector, grey, under seat on front left
T10bh	10-pin connector, purple, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T26a	26-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B334	Positive connection 20 (30a) in main wiring harness
B650	Connection 8, in interior wiring harness
B662	Connection 2 (56b), in main wiring harness
E120	Connection (56b, left), in dash panel wiring harness
*	For models with special police equipment
*2	For models with fog lights
*3	For models with no special police equipment
*4	According to equipment
*5	see applicable current flow diagram

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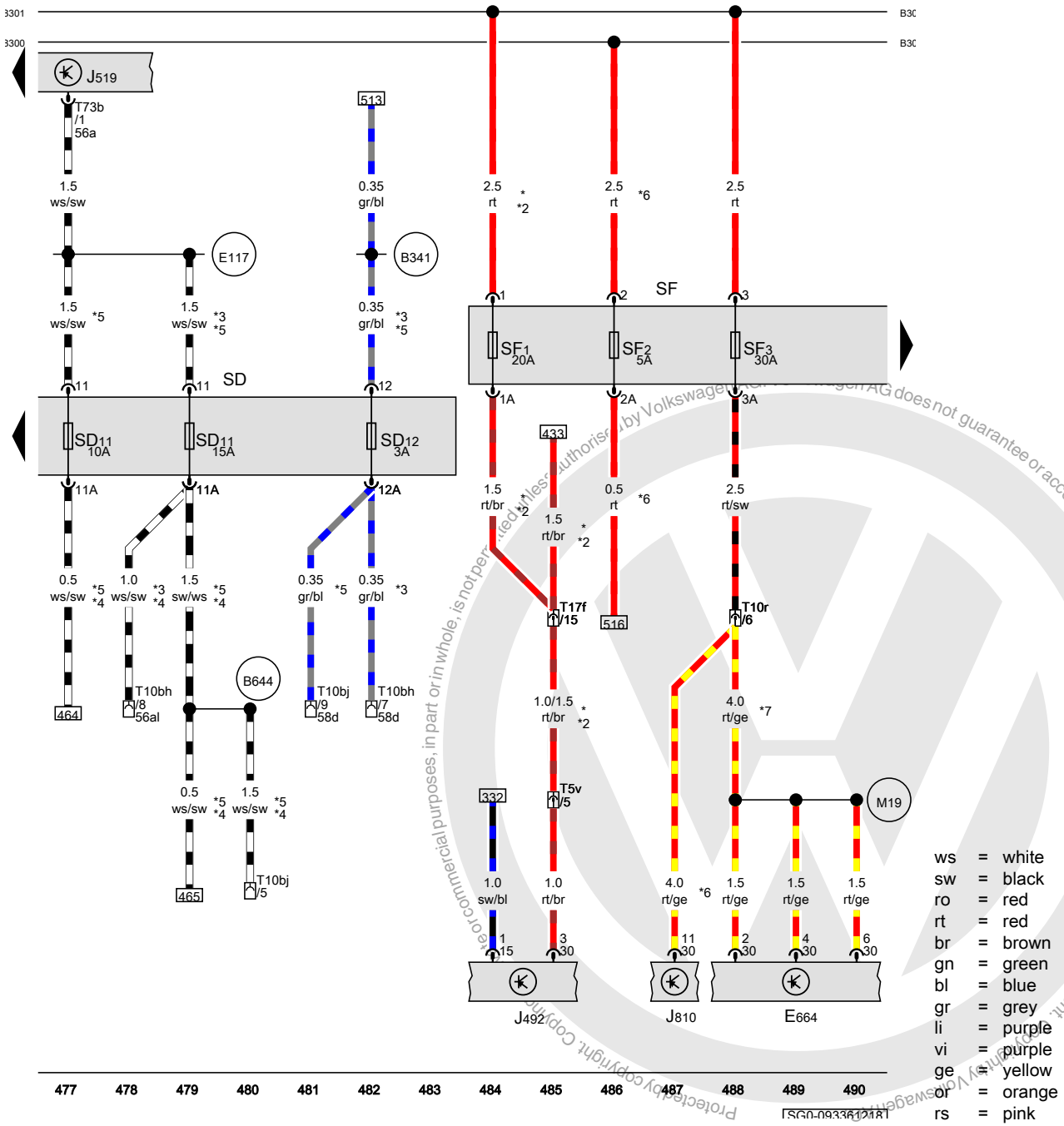

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Switch module for front passenger seat, All-wheel drive control unit, Onboard supply control unit, Driver seat adjustment control unit, Fuse holder D, Fuse holder F

E664	Switch module for front passenger seat
J492	All-wheel drive control unit
J519	Onboard supply control unit
J810	Driver seat adjustment control unit
SD	Fuse holder D
SD11	Fuse 11 on fuse holder D
SD12	Fuse 12 on fuse holder D
SF	Fuse holder F
SF1	Fuse 1 in fuse holder F
SF2	Fuse 2 in fuse holder F
SF3	Fuse 3 in fuse holder F
T5v	5-pin connector, black
T10bh	10-pin connector, purple, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T10r	10-pin connector, black, under seat on front left
T17f	17-pin connector, brown, under seat on front left
T73b	73-pin connector, white
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B644	Connection 3 (56a), in main wiring harness
E117	Connection (56a, left), in dash panel wiring harness
M19	Connection 2, in front passenger seat adjustment wiring harness
*	According to equipment
*2	see applicable current flow diagram for all-wheel drive
*3	For models with no special police equipment
*4	see applicable current flow diagram
*5	For models with special police equipment
*6	For left-hand drive models
*7	For right-hand drive models

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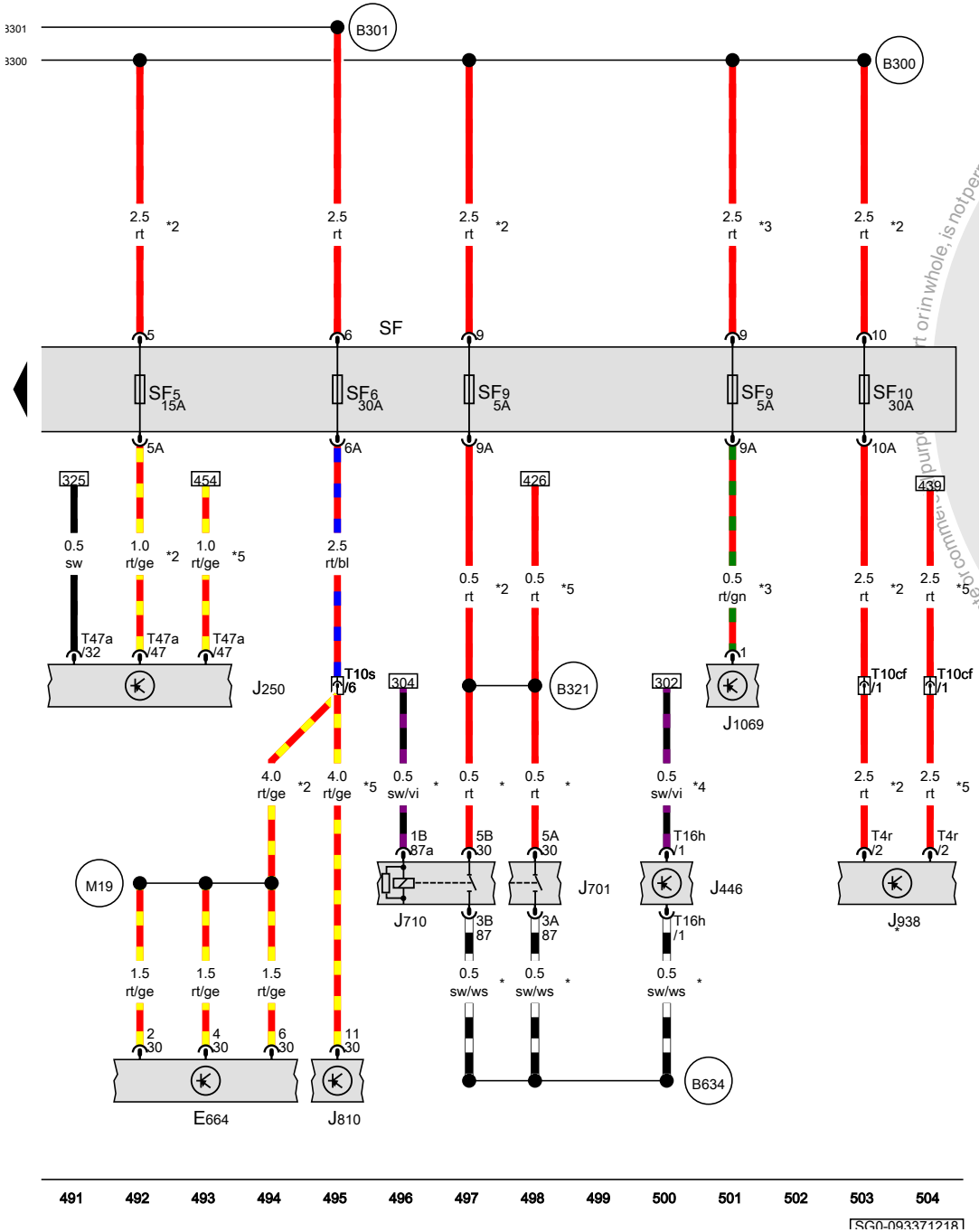

Switch module for front passenger seat, Electronically controlled damping control unit, Parking aid control unit, Voltage supply relay 1, Voltage supply relay 2, Driver seat adjustment control unit, Rear lid power opening control unit, Diagnosis wire relay, Fuse holder F

E664	Switch module for front passenger seat
J250	Electronically controlled damping control unit
J446	Parking aid control unit
J701	Voltage supply relay 1
J710	Voltage supply relay 2
J810	Driver seat adjustment control unit
J938	Rear lid power opening control unit
J1069	Diagnosis wire relay
SF	Fuse holder F
SF5	Fuse 5 in fuse holder F
SF6	Fuse 6 in fuse holder F
SF9	Fuse 9 in fuse holder F
SF10	Fuse 10 in fuse holder F
T4r	4-pin connector, black
T10cf	10-pin connector, green, under seat on front right
T10s	10-pin connector, black, under seat on front right
T16h	16-pin connector, brown
T47a	47-pin connector, black
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B321	Positive connection 7 (30a) in main wiring harness
B634	Positive connection 2 (87), in main wiring harness
M19	Connection 2, in front passenger seat adjustment wiring harness
*	For models with electric rear lid opener
*2	For left-hand drive models
*3	For models with wing doors
*4	For models with no electric rear lid opener
*5	For right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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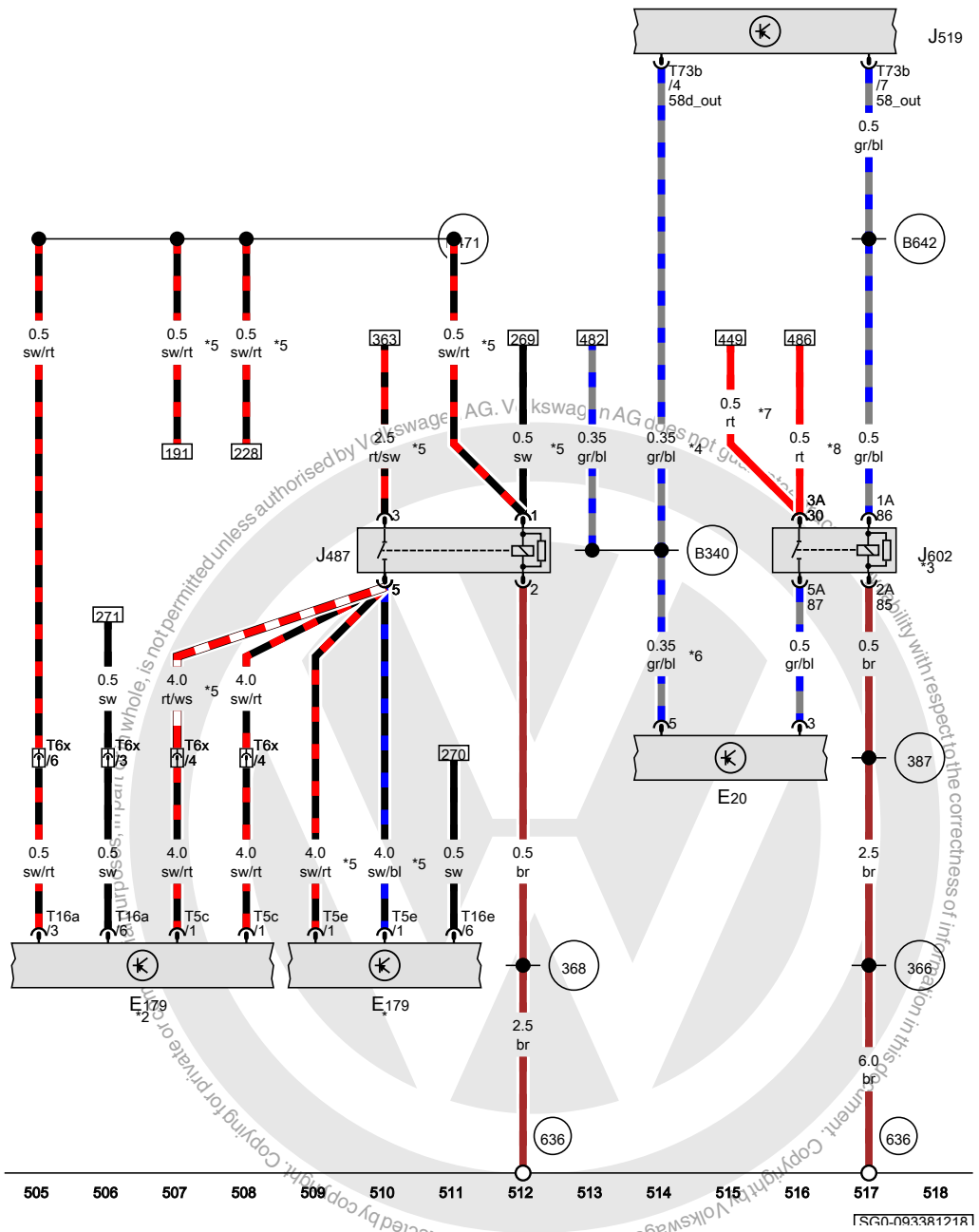

Switch and instrument illumination regulator, Fresh air blower isolation relay, Onboard supply control unit

E20	Switch and instrument illumination regulator
E179	Rear fresh air blower switch, in dash panel
J487	Fresh air blower isolation relay
J519	Onboard supply control unit
J602	Interior light relay
T5c	5-pin connector, black
T5e	5-pin connector, black
T6x	6-pin connector, purple, under seat on front right
T16a	16-pin connector, black
T16e	16-pin connector, black
T73b	73-pin connector, white
366	Earth connection 1, in main wiring harness
368	Earth connection 3, in main wiring harness
387	Earth connection 22, in main wiring harness
636	Earth point, onboard supply control unit
B340	Connection 1 (58d), in main wiring harness
B471	Connection 7, in main wiring harness
B642	Positive connection (58), in main wiring harness
*	Dash panel - centre
*2	For Camper, panel van and Kombi models with separate passenger compartment ventilation
*3	For models with background lighting, version 2
*4	For models with no dimmable instrument illumination
*5	According to equipment
*6	For models with dimmable instrument illumination
*7	For right-hand drive models
*8	For left-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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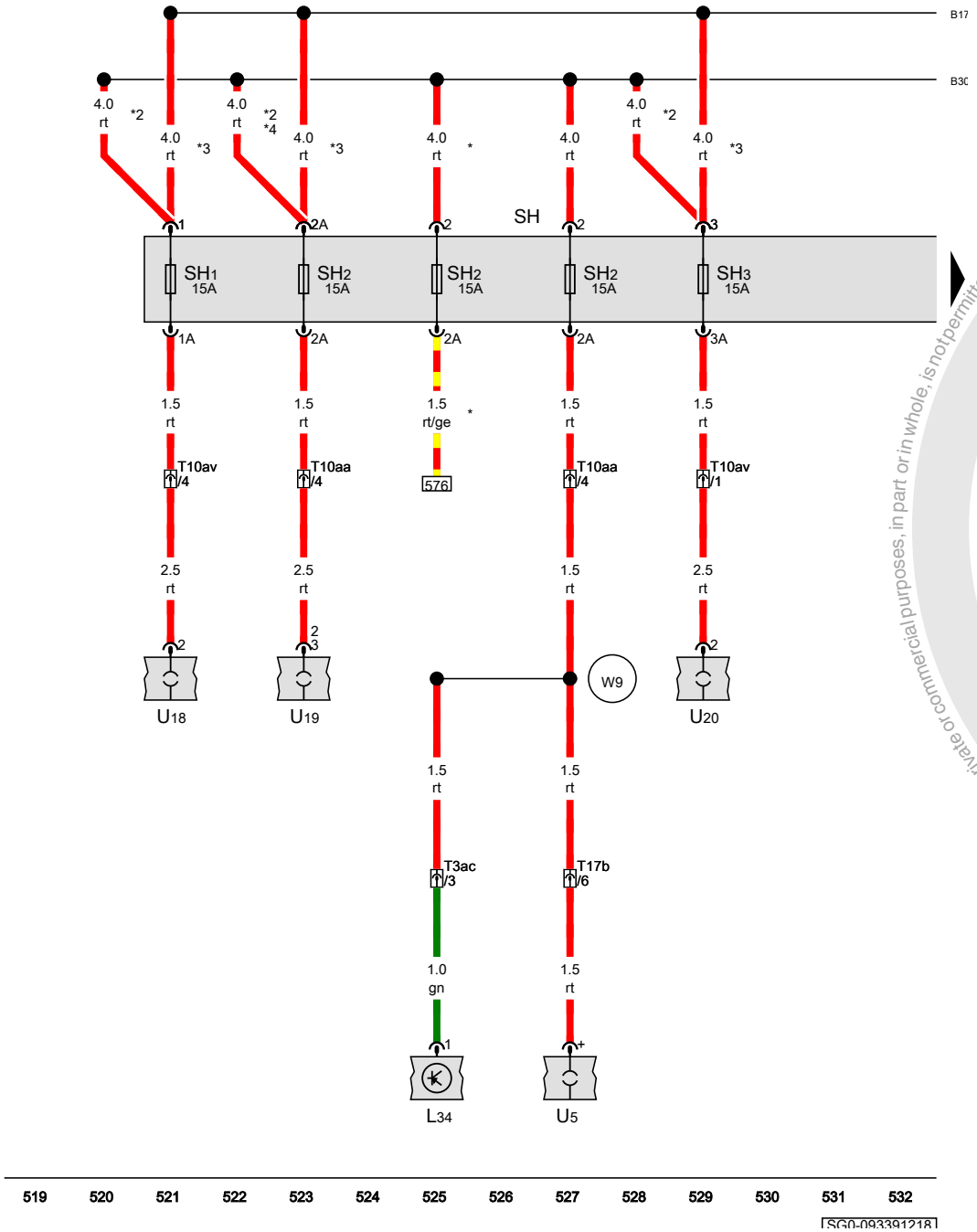

Map reading light bulb, Fuse holder H, 12 V socket

L34	Map reading light bulb
SH	Fuse holder H
SH1	Fuse 1 in fuse holder H
SH2	Fuse 2 in fuse holder H
SH3	Fuse 3 in fuse holder H
T3ac	3-pin connector, colourless, near map reading lamp
T10aa	10-pin connector, dark brown, under seat on front left
T10av	10-pin connector, brown, under seat on front right
T17b	17-pin connector, in cupboard, bottom
U5	12 V socket, near sink
U18	12 V socket 2, on right C-pillar
U19	12 V socket 3, on left C-pillar
U20	12 V socket 4, in right D-pillar
B170	Positive connection 2 (30), in interior wiring harness
B307	Positive connection 11 (30), in main wiring harness
W9	Positive connection 1 (30), in rear wiring harness
*	For Camper Beach
*2	For models with second battery
*3	For models with no second battery
*4	see applicable current flow diagram for sockets

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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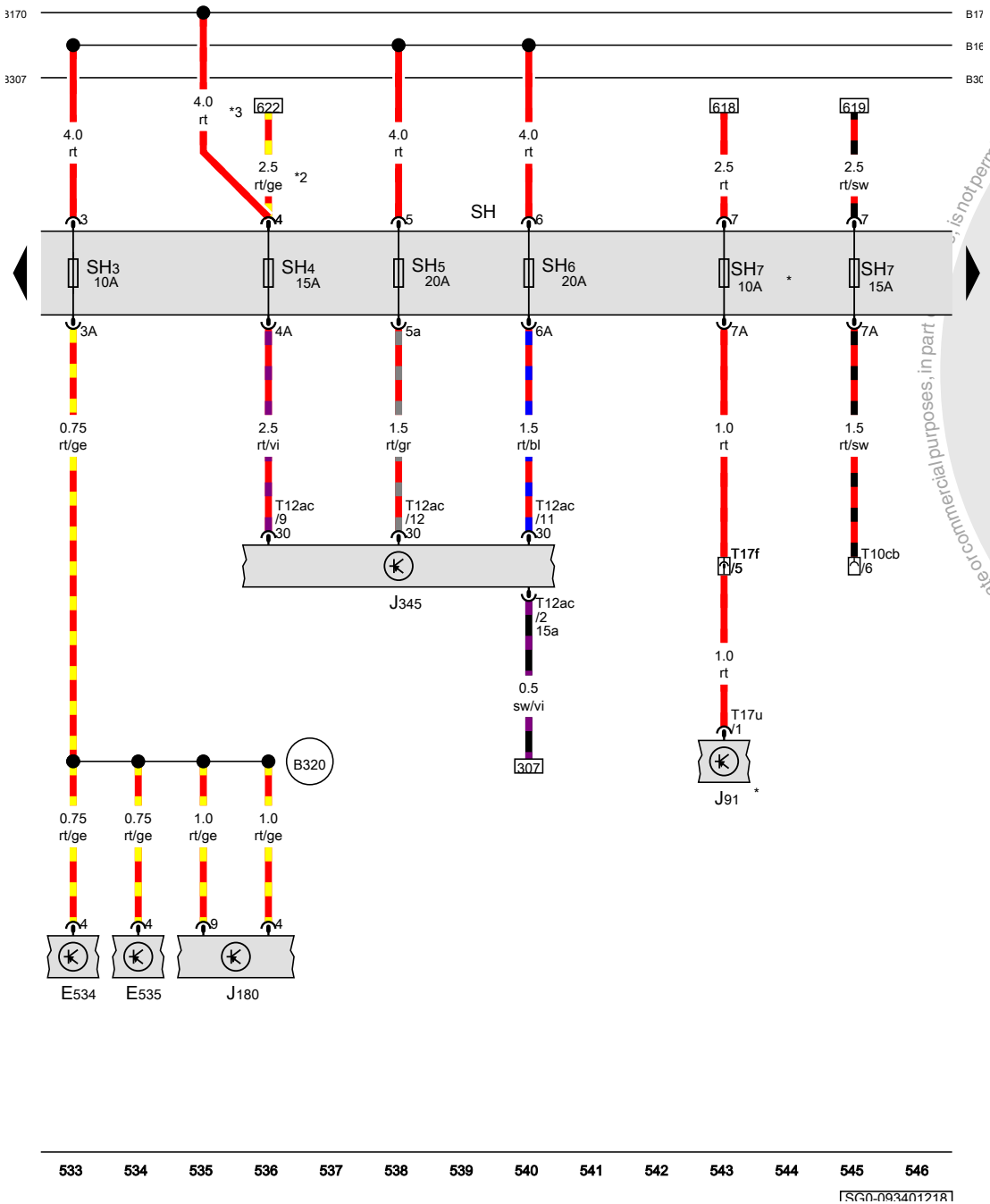

Switch for roof ventilator to ventilate load area, Switch for roof ventilator to extract air from load area, Reading light relay, Switch-over relay 1 for roof ventilator, Trailer detector control unit, Fuse holder H, 10-pin connector

E534	Switch for roof ventilator to ventilate load area
E535	Switch for roof ventilator to extract air from load area
J91	Reading light relay, near wheel housing, rear, left
J180	Switch-over relay 1 for roof ventilator
J345	Trailer detector control unit
SH	Fuse holder H
SH3	Fuse 3 in fuse holder H
SH4	Fuse 4 in fuse holder H
SH5	Fuse 5 in fuse holder H
SH6	Fuse 6 in fuse holder H
SH7	Fuse 7 in fuse holder H
T10cb	10-pin connector, black
T12ac	12-pin connector, red
T17f	17-pin connector, brown, under seat on front left
T17u	17-pin connector, black
B169	Positive connection 1 (30), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B307	Positive connection 11 (30), in main wiring harness
B320	Positive connection 6 (30a) in main wiring harness
*	For models with background lighting
*2	For models with second battery
*3	For models with no second battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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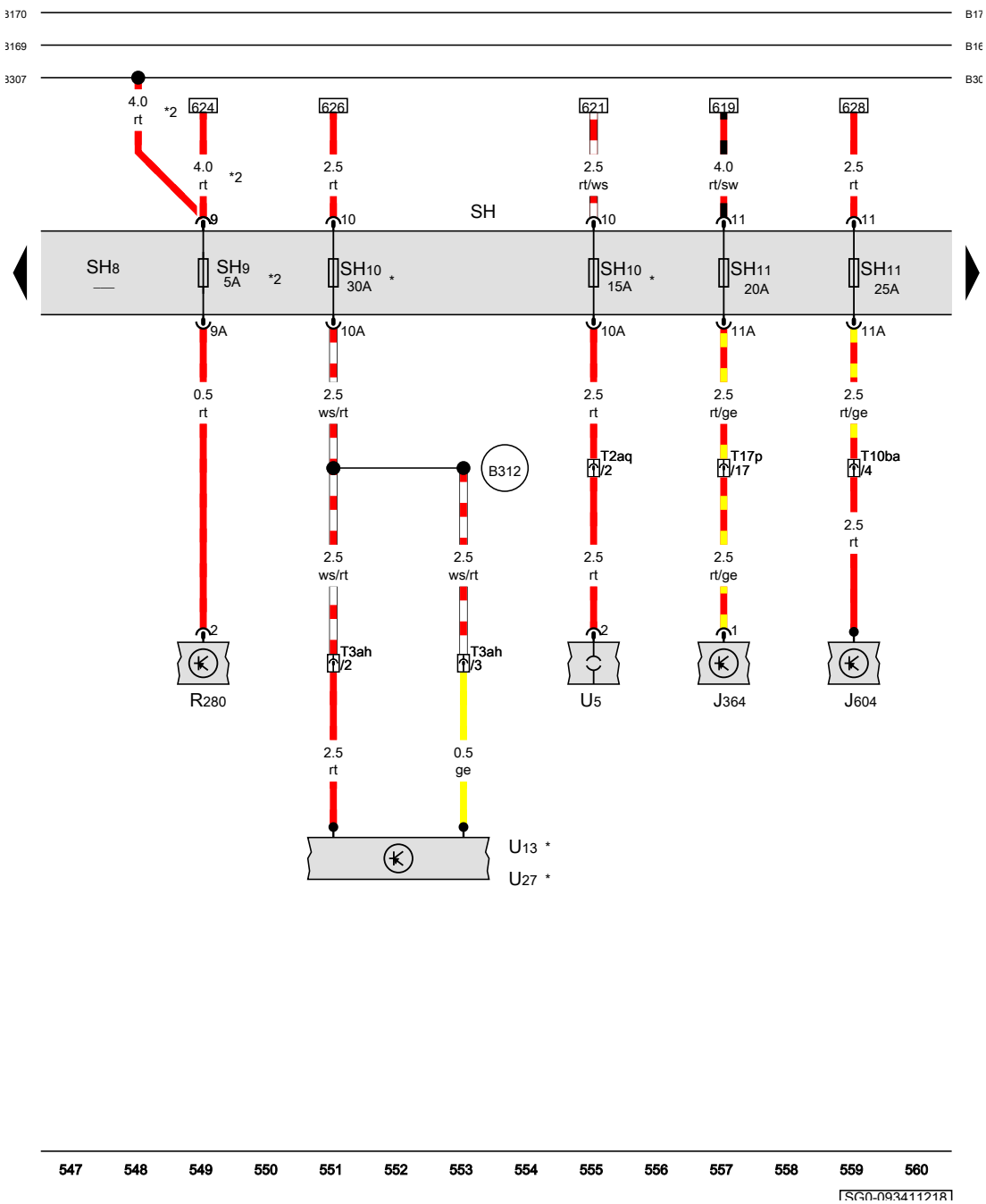
Auxiliary heater control unit, Auxiliary air heater control unit, Electric torch, Fuse holder H, 2-pin connector, 12 V socket, DC/AC converter with socket, 12 V - 230 V



J364	Auxiliary heater control unit
J604	Auxiliary air heater control unit
R280	Electric torch, on front passenger seat
SH	Fuse holder H
SH8	Fuse 8 in fuse holder H
SH9	Fuse 9 in fuse holder H
SH10	Fuse 10 in fuse holder H
SH11	Fuse 11 in fuse holder H
T2aq	2-pin connector, black, under seat on front right
T3ah	3-pin connector, black, on DC/AC converter
T10ba	10-pin connector, blue, under seat on front right
T17p	17-pin connector, red, under seat on front left
U5	12 V socket
U13	DC/AC converter with socket, 12 V - 230 V, on left B-pillar
U27	DC/AC converter with socket, 12 V - 115 V, on left B-pillar
B169	Positive connection 1 (30), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B307	Positive connection 11 (30), in main wiring harness
B312	Positive connection 16 (30), in main wiring harness
*	For models with DC/AC converter
*2	According to equipment
*3	For models with no central locking

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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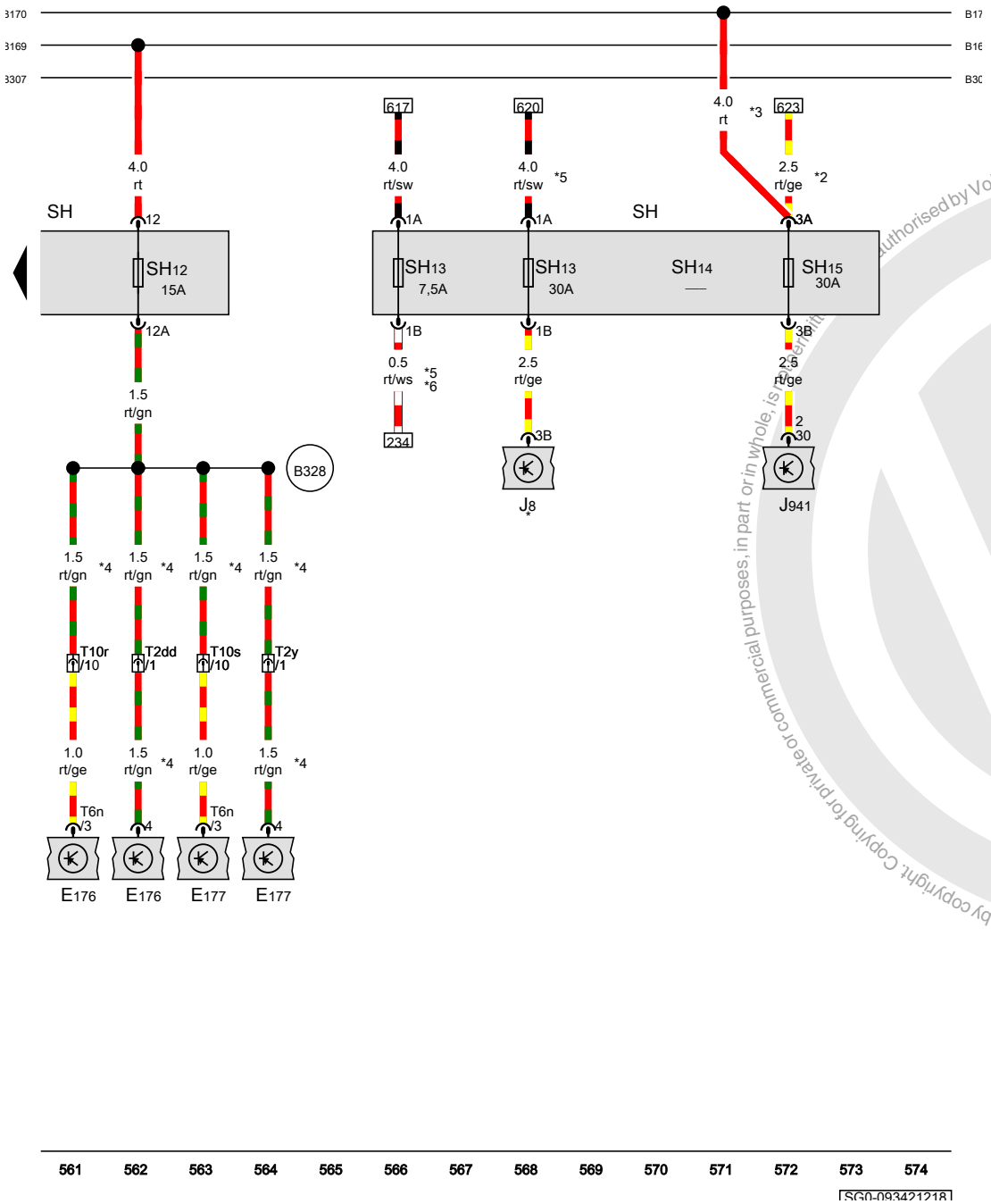

Driver seat lumbar support adjustment switch, Front passenger seat lumbar support adjustment switch, Auxiliary heater relay, Trailer voltage supply relay, Fuse holder H

E176	Driver seat lumbar support adjustment switch
E177	Front passenger seat lumbar support adjustment switch
J8	Auxiliary heater relay
J941	Trailer voltage supply relay
SH	Fuse holder H
SH12	Fuse 12 in fuse holder H
SH13	Fuse 13 in fuse holder H
SH14	Fuse 14 in fuse holder H
SH15	Fuse 15 in fuse holder H
T2dd	2-pin connector, black, under seat on front left
T2y	2-pin connector, black, under seat on front right
T6n	6-pin connector, black
T10r	10-pin connector, black, under seat on front left
T10s	10-pin connector, black, under seat on front right
B169	Positive connection 1 (30), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B307	Positive connection 11 (30), in main wiring harness
B328	Positive connection 14 (30a) in main wiring harness
*	For models with no Climatronic
*2	For models with second battery
*3	For models with no second battery
*4	According to equipment
*5	For models with auxiliary coolant heater
*6	For models with start/stop system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
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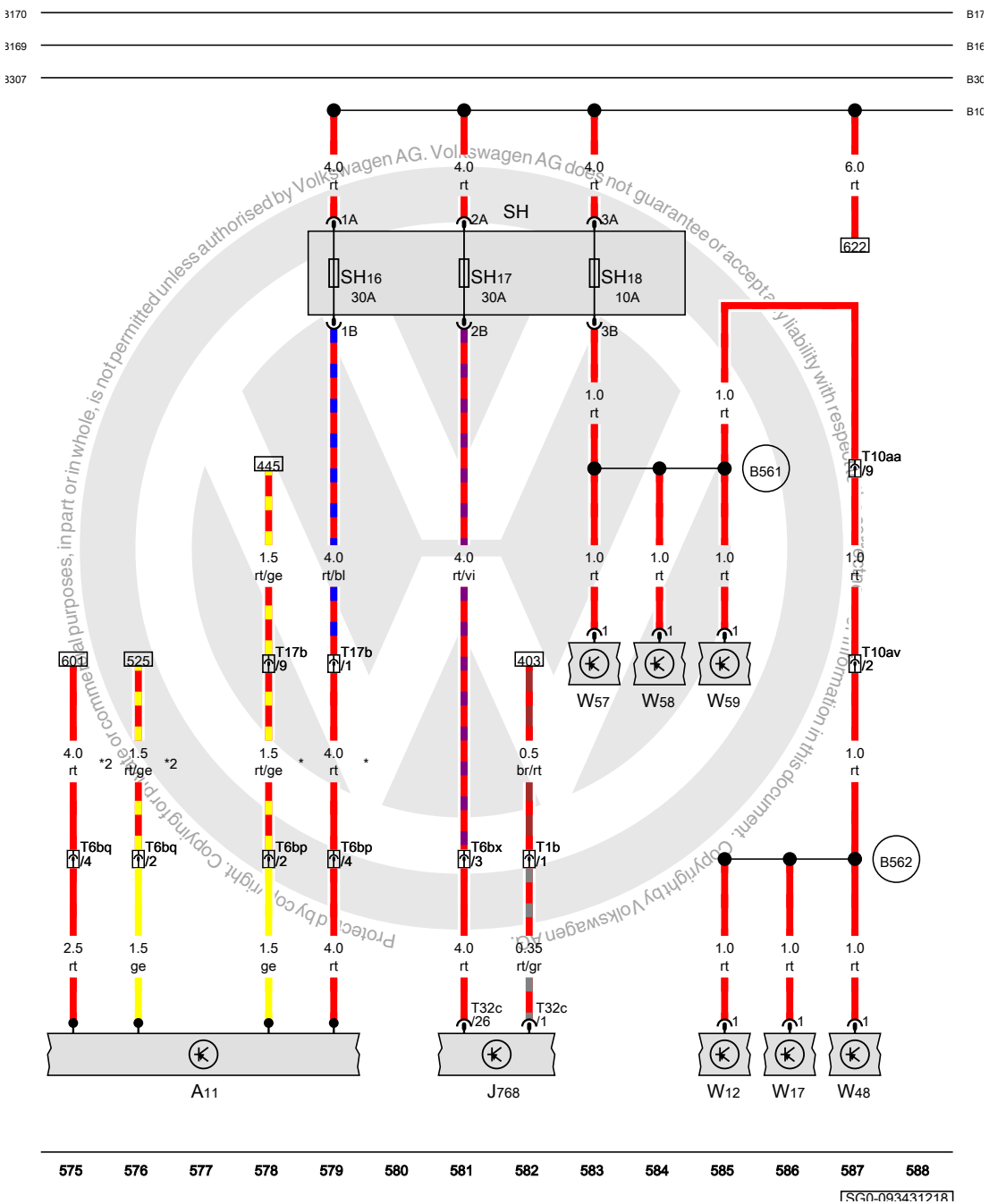

Onboard charging unit, Roof hydraulics control unit, Fuse holder H, Rear right reading light, Right interior light, Rear right interior light, Kitchenette light 1, Kitchenette light 2, Kitchenette light 3

A11	Onboard charging unit
J768	Roof hydraulics control unit
SH	Fuse holder H
SH16	Fuse 16 in fuse holder H
SH17	Fuse 17 in fuse holder H
SH18	Fuse 18 in fuse holder H
T1b	1-pin connector, grey
T6bp	6-pin connector, in cupboard, in battery box
T6bq	6-pin connector, in rear left side panel
T6bx	6-pin connector, black
T10aa	10-pin connector, dark brown, under seat on front left
T10av	10-pin connector, brown, under seat on front right
T17b	17-pin connector, in cupboard, bottom
T32c	32-pin connector, black
W12	Rear right reading light, in right D-pillar
W17	Right interior light, on upper section of right B-pillar
W48	Rear right interior light, on right C-pillar
W57	Kitchenette light 1, on upper section of left B-pillar
W58	Kitchenette light 2
W59	Kitchenette light 3, on left C-pillar
B100	Positive connection 4, in Camper wiring harness
B169	Positive connection 1 (30), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B307	Positive connection 11 (30), in main wiring harness
B561	Positive connection 1, in Camper wiring harness
B562	Positive connection 2, in Camper wiring harness
*	For Camper, not for Camper Beach
*2	For Camper Beach

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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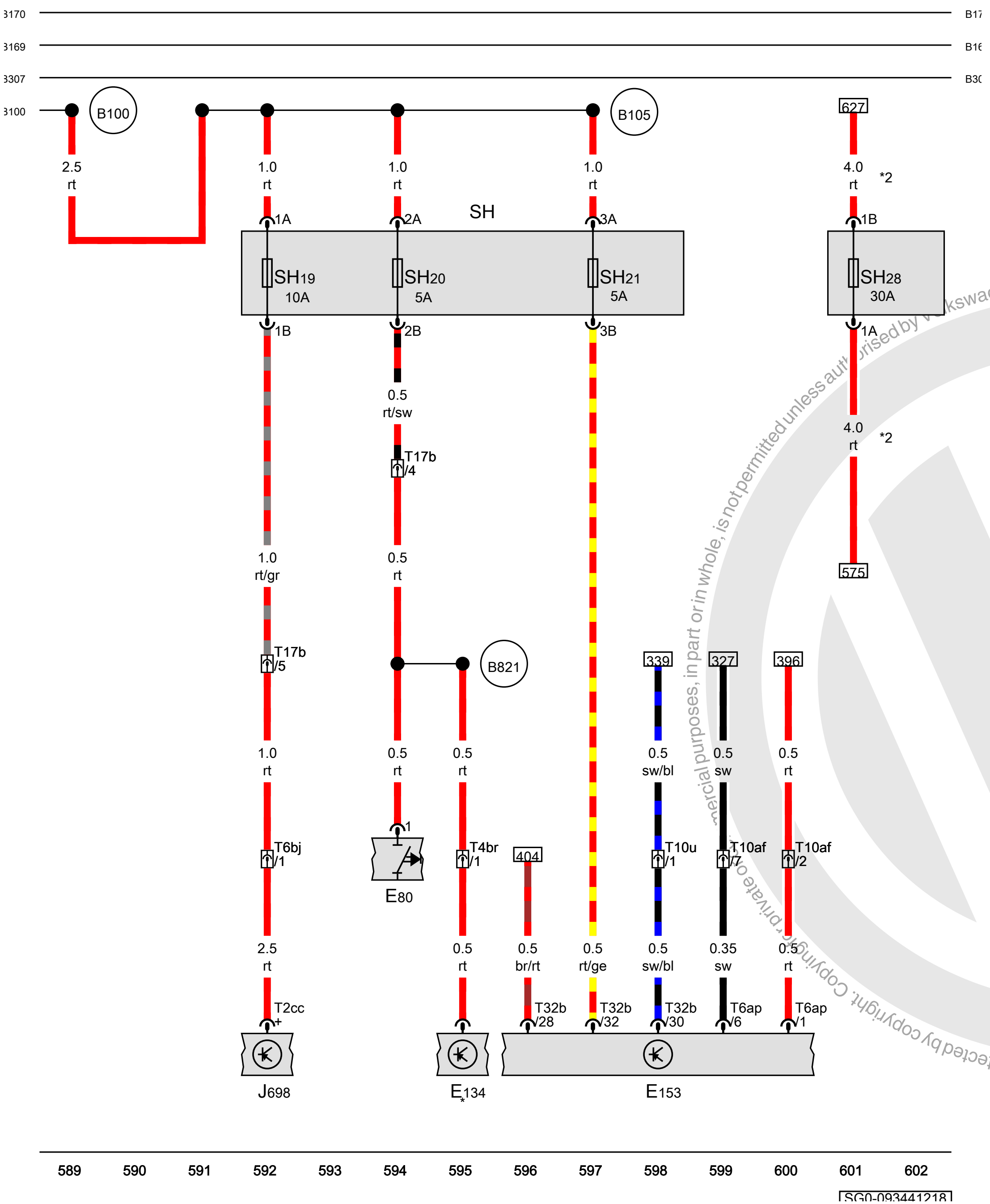

Water pump switch, Water pump switch for shower, Operating and display unit for camping equipment, Refrigerator box, Fuse holder H, Fuse 28 in fuse holder H

E80	Water pump switch
E134	Water pump switch for shower, rear, in cupboard
E153	Operating and display unit for camping equipment
J698	Refrigerator box
SH	Fuse holder H
SH19	Fuse 19 in fuse holder H
SH20	Fuse 20 in fuse holder H
SH21	Fuse 21 in fuse holder H
SH28	Fuse 28 in fuse holder H
T2cc	2-pin connector, black
T4br	4-pin connector, black, in cupboard, rear, left
T6ap	6-pin connector, black
T6bj	6-pin connector, black, near refrigerator box
T10af	10-pin connector, blue, in left A-pillar coupling station
T10u	10-pin connector, blue, under seat on front left
T17b	17-pin connector, in cupboard, bottom
T32b	32-pin connector, black
B100	Positive connection 4, in Camper wiring harness
B105	Positive connection 5, in Camper wiring harness
B169	Positive connection 1 (30), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B307	Positive connection 11 (30), in main wiring harness
B821	Positive connection 6, in Camper wiring harness
*	According to equipment
*2	For Camper Beach

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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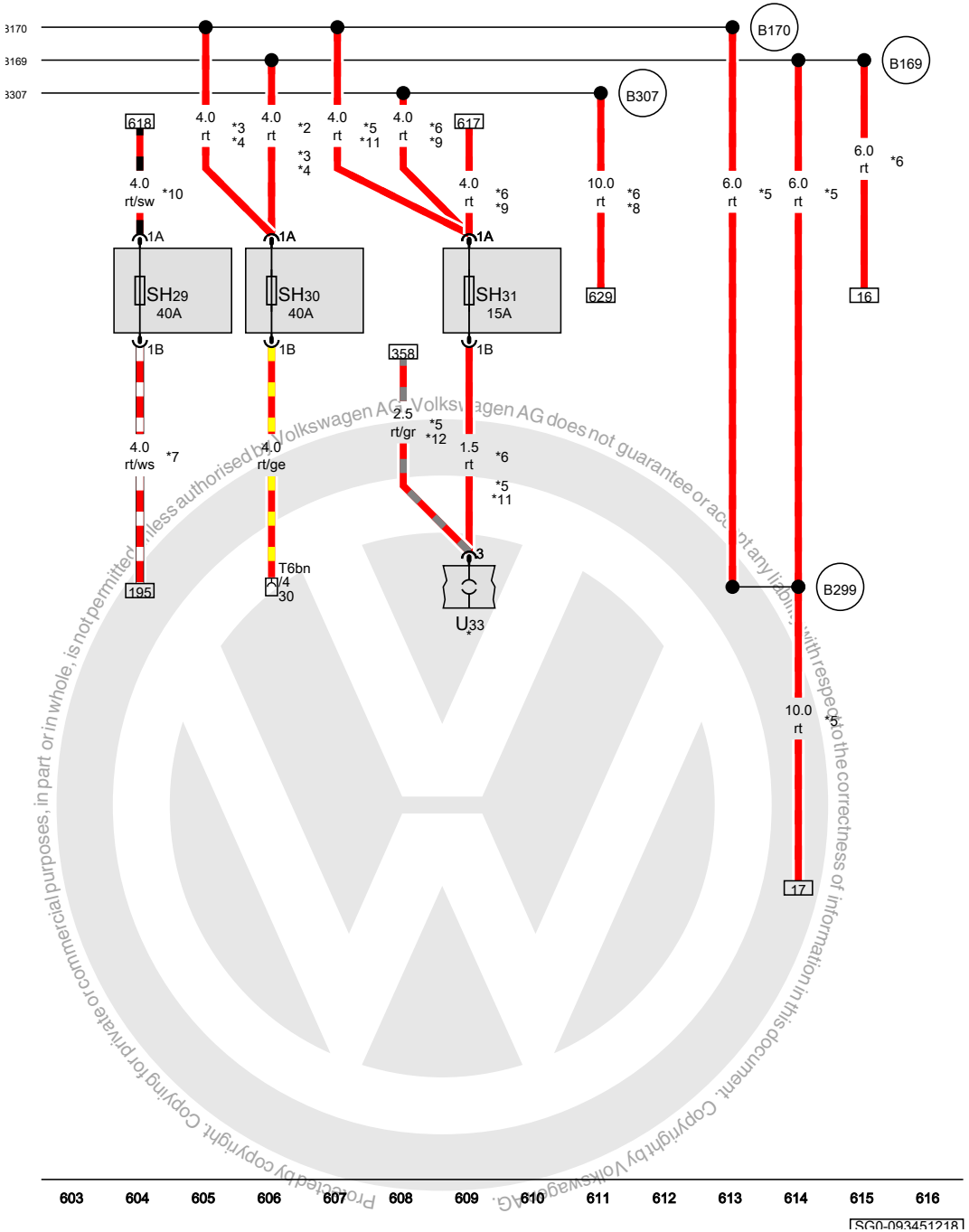

Fuse 29 in fuse holder H, Fuse 30 in fuse holder H, Fuse 31 in fuse holder H, 12 V socket 6

SH29	Fuse 29 in fuse holder H
SH30	Fuse 30 in fuse holder H
SH31	Fuse 31 in fuse holder H
T6bn	6-pin connector, grey, under seat on front left
U33	12 V socket 6, in centre of dash panel
B169	Positive connection 1 (30), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B299	Positive connection 3 (30), in main wiring harness
B307	Positive connection 11 (30), in main wiring harness
*	For models with front 12 V socket
*2	For models with no special police equipment
*3	For models with special police equipment
*4	see applicable current flow diagram
*5	For models with no second battery
*6	For models with second battery
*7	For models with auxiliary coolant heater
*8	Cross-section 6.0 possible
*9	According to equipment
*10	For models with Climatronic
*11	Up to November 2015
*12	From November 2015

ws	=	white
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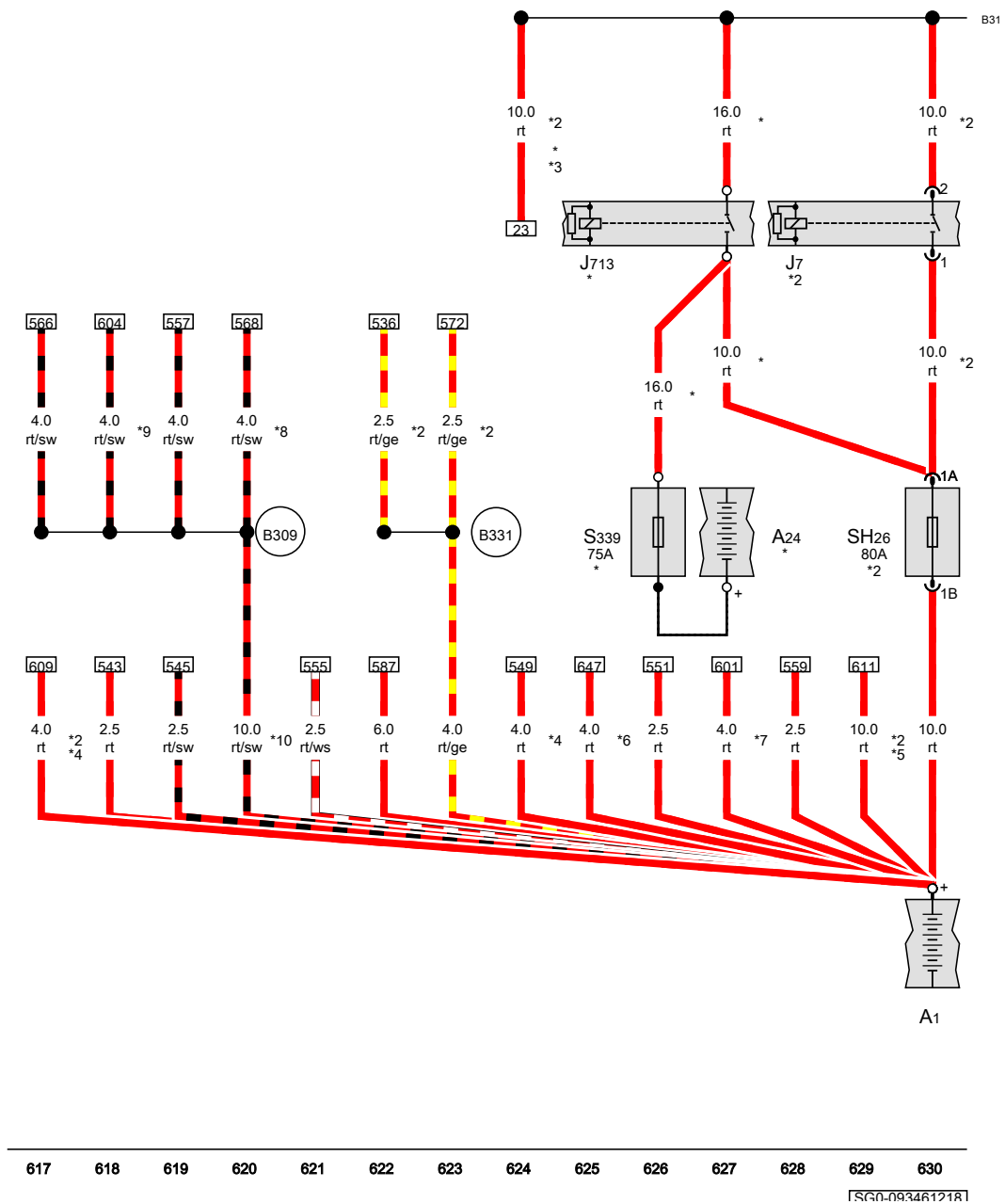
Second battery, Battery for special vehicle, Battery isolation relay, Second battery charging circuit relay



A1 Second battery
A24 Battery for special vehicle
J7 Battery isolation relay
J713 Second battery charging circuit relay
SH26 Fuse 26 in fuse holder H
S339 Battery fuse in special vehicle

B309 Positive connection 13 (30), in main wiring harness

B311 Positive connection 15 (30), in main wiring harness

B331 Positive connection 17 (30a) in main wiring harness

* For Camper, not for Camper Beach
*2 For models with second battery
*3 Cross-section 16.0 possible
*4 According to equipment
*5 Cross-section 6.0 possible
*6 Cross-section 1.5 possible
*7 For Camper Beach
*8 For models with auxiliary coolant heater
*9 For models with Climatronic
*10 Cross-section 4.0 possible

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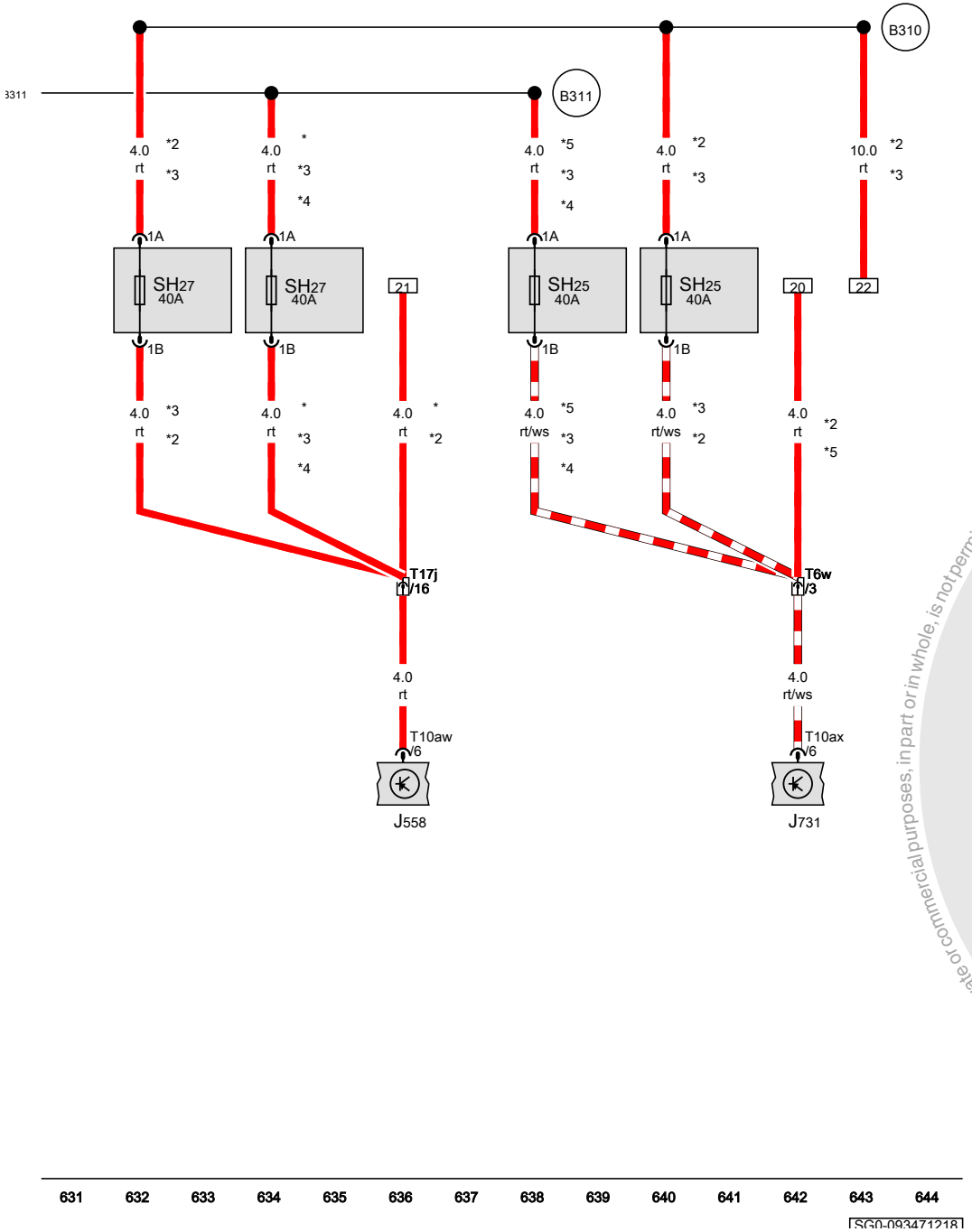

Left sliding door control unit, Right sliding door control unit, Fuse 27 in fuse holder H

J558	Left sliding door control unit
J731	Right sliding door control unit
SH25	Fuse 25 in fuse holder H
SH27	Fuse 27 in fuse holder H
T6w	6-pin connector, light pink, under seat on front right
T10aw	10-pin connector, black
T10ax	10-pin connector, black
T17j	17-pin connector, white, under seat on front left
B310	Positive connection 14 (30), in main wiring harness
B311	Positive connection 15 (30), in main wiring harness
*	For models with left sliding door
*2	For models with no second battery
*3	For models with left and right sliding doors
*4	For models with second battery
*5	For models with right sliding door

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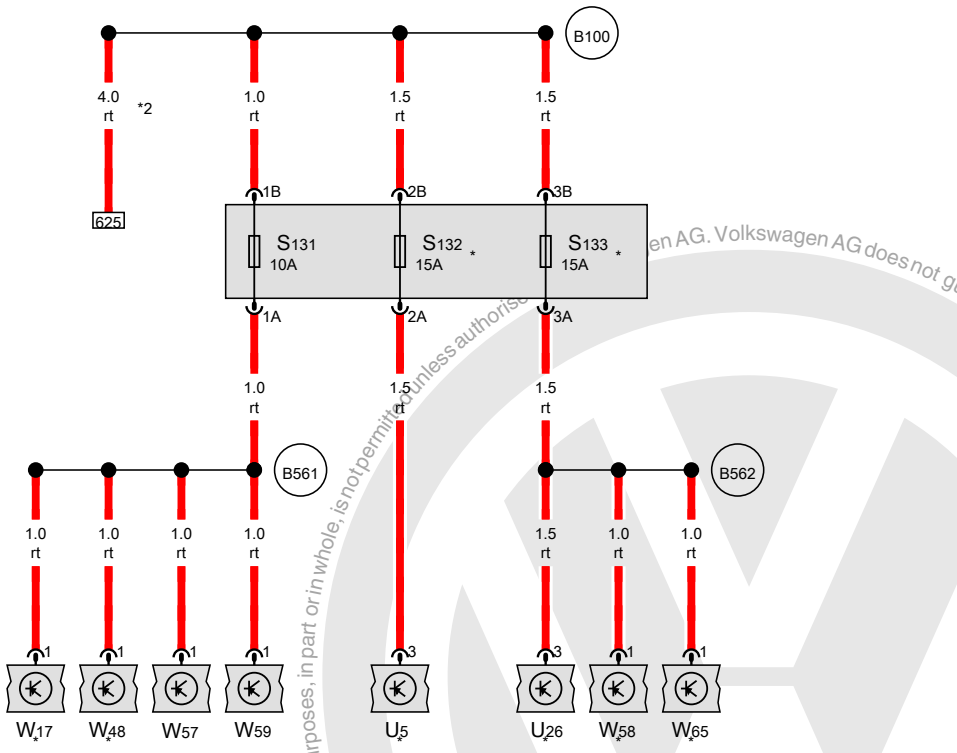
Fuse 1, Fuse 2, Fuse 3, 12 V socket, 12 V socket 5, Right interior light, Rear right interior light, Kitchenette light 1, Kitchenette light 2, Kitchenette light 3, Front left reading light



S131	Fuse 1
S132	Fuse 2
S133	Fuse 3
U5	12 V socket, on upper section of left B-pillar
U26	12 V socket 5, on left B-pillar
W17	Right interior light, on upper section of right B-pillar
W48	Rear right interior light, on right C-pillar
W57	Kitchenette light 1, on upper section of left B-pillar
W58	Kitchenette light 2
W59	Kitchenette light 3, on left C-pillar
W65	Front left reading light, on upper section of left B-pillar
B100	Positive connection 4, in Camper wiring harness
B561	Positive connection 1, in Camper wiring harness
B562	Positive connection 2, in Camper wiring harness
*	For models with 12 V socket
*2	Cross-section 1.5 possible

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645 646 647 648 649 650 651 652 653 654 655 656 657 658

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Earthing concept

From June 2015

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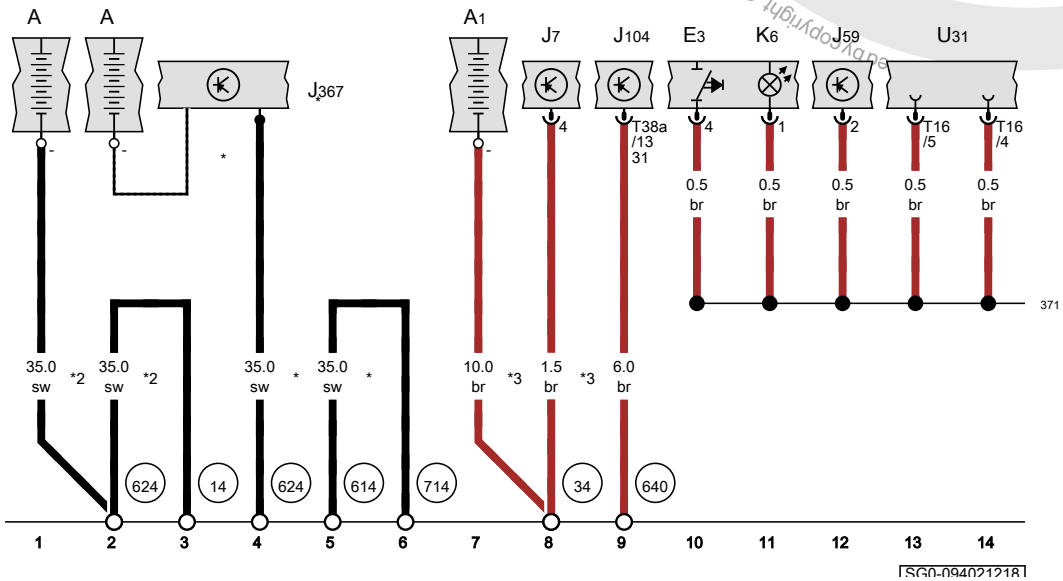
Battery, Second battery, Hazard warning light switch, Battery isolation relay, X-contact relief relay, ABS control unit, Battery monitor control unit, Indicator lamp for hazard warning light, Diagnostic connection

A	Battery
A1	Second battery
E3	Hazard warning light switch
J7	Battery isolation relay
J59	X-contact relief relay
J104	ABS control unit
J367	Battery monitor control unit
K6	Indicator lamp for hazard warning light
T16	16-pin connector, black
T38a	38-pin connector, black
U31	Diagnostic connection, on left in dash panel
14	Earth point, on gearbox
34	Earth point, under driver seat
371	Earth connection 6, in main wiring harness
614	Earth point 2, on right in engine compartment
624	Earth point, starter battery
640	Earth point 2, left in engine compartment
714	Earth point on right of engine
*	For models with start/stop system
*2	For models with no start/stop system
*3	For models with no camping equipment



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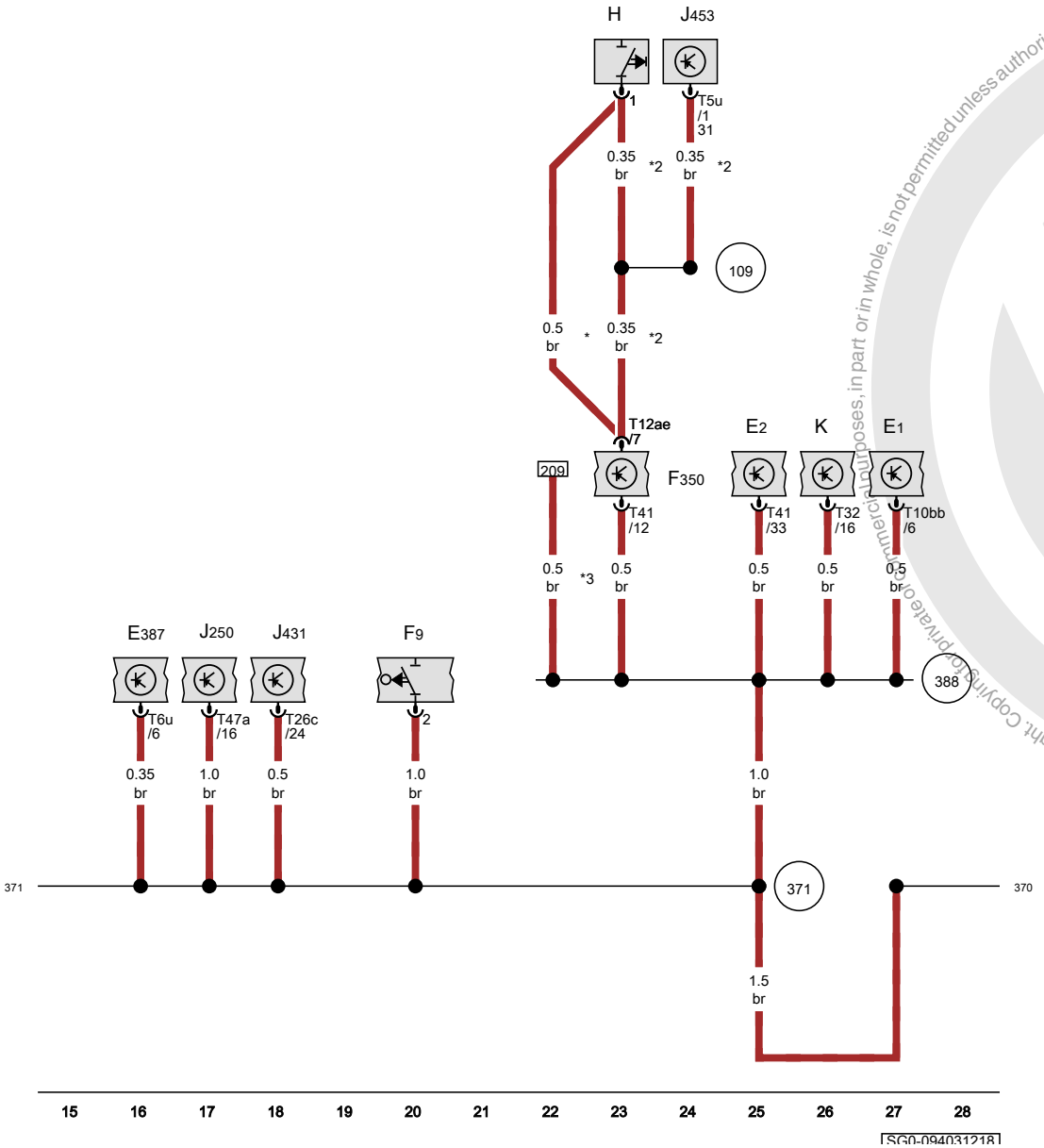
Light switch, Turn signal switch, Shock absorber damping adjustment button, Handbrake warning switch, Coil connector, Horn plate, Electronically controlled damping control unit, Headlight range control unit, Multifunction steering wheel control unit, Dash panel insert



E1	Light switch
E2	Turn signal switch
E387	Shock absorber damping adjustment button
F9	Handbrake warning switch
F350	Coil connector
H	Horn plate
J250	Electronically controlled damping control unit
J431	Headlight range control unit
J453	Multifunction steering wheel control unit
K	Dash panel insert
T5u	5-pin connector, black
T6u	6-pin connector, brown
T10bb	10-pin connector, black
T12ae	12-pin connector, yellow, in steering wheel
T26c	26-pin connector, black
T32	32-pin connector, blue
T41	41-pin connector, grey
T47a	47-pin connector, black
109	Earth connection, in airbag wiring harness
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
388	Earth connection 23, in main wiring harness
*	For models with no multifunction steering wheel
*2	For models with multifunction steering wheel
*3	From November 2015

ws	=	white
sw	=	black
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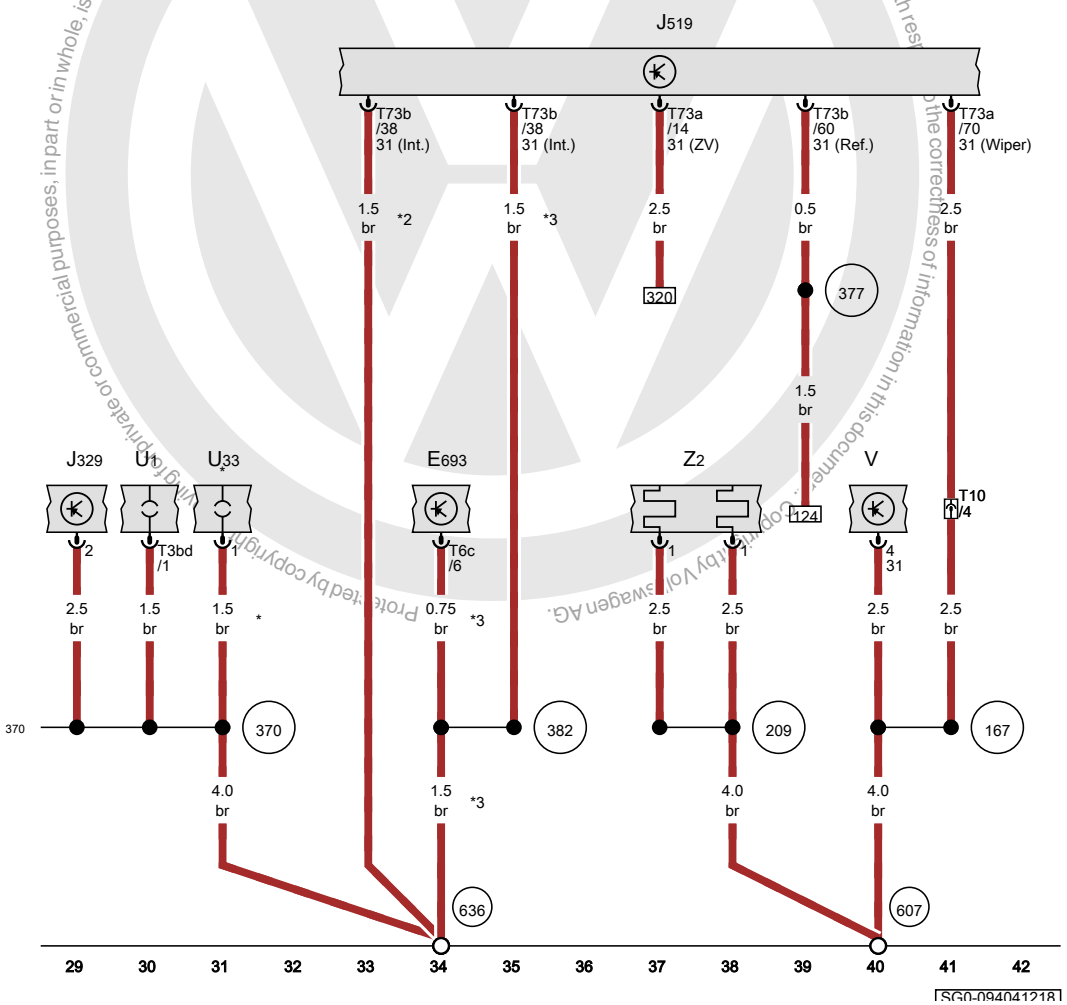

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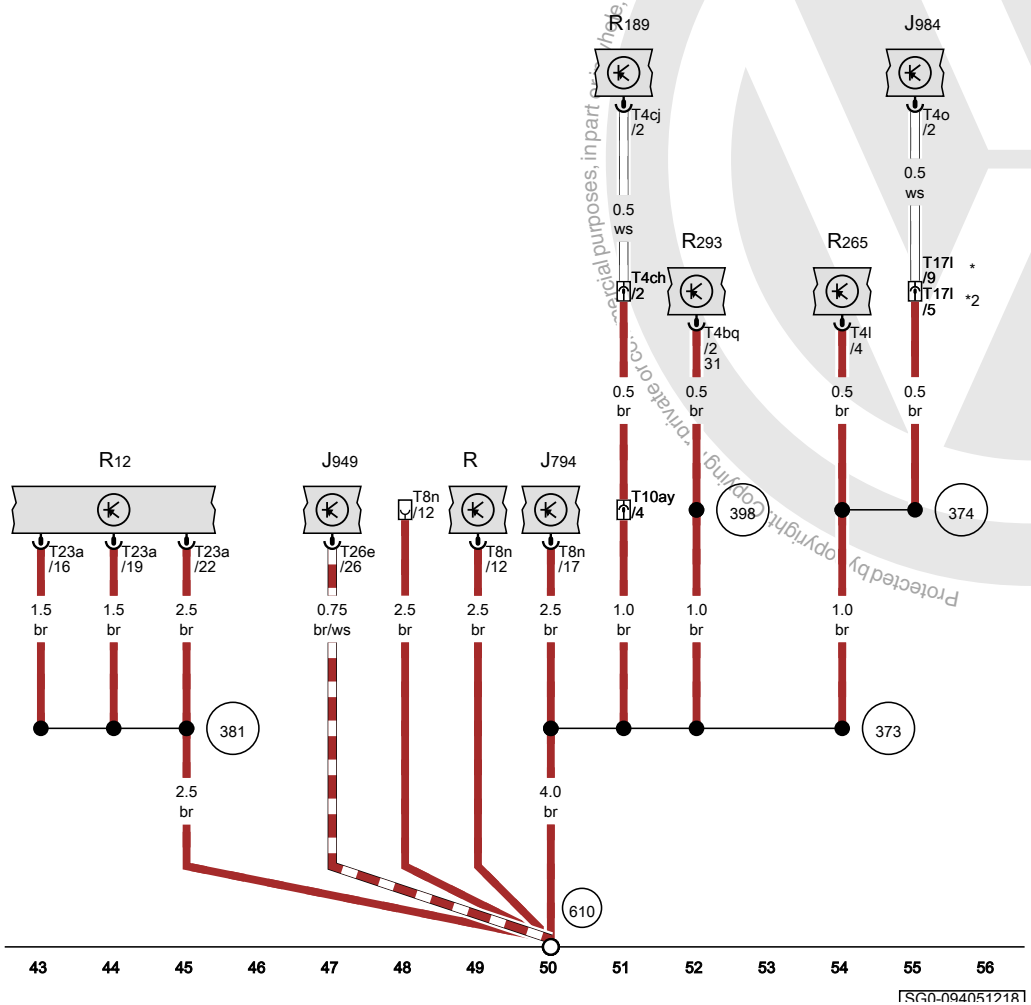
Start/Stop operation button, Terminal 15 voltage supply relay, Onboard supply control unit, Cigarette lighter, 12 V socket 6, Windscreen wiper motor, Heated windscreen

E693	Start/Stop operation button
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
T3bd	3-pin connector, in centre of dash panel
T6c	6-pin connector, white
T10	10-pin connector, black, in E-box
T73a	73-pin connector, black
T73b	73-pin connector, white
U1	Cigarette lighter
U33	12 V socket 6, in centre of dash panel
V	Windscreen wiper motor
Z2	Heated windscreen
167	Earth connection 4, in engine compartment wiring harness
209	Earth connection 6, in engine compartment wiring harness
370	Earth connection 5, in main wiring harness
377	Earth connection 12, in main wiring harness
382	Earth connection 17, in main wiring harness
607	Earth point, on left in plenum chamber
636	Earth point, onboard supply control unit
*	For models with front 12 V socket
*2	For models with no start/stop system
*3	For models with start/stop system

Control unit 1 for information electronics, Emergency call module control unit and communication unit, Two-way signal amplifier for mobile telephone/data services, Radio, Amplifier, Reversing camera, Storage compartment with interface for mobile telephone, USB hub



J794	Control unit 1 for information electronics
J949	Emergency call module control unit and communication unit
J984	Two-way signal amplifier for mobile telephone/data services
R	Radio
R12	Amplifier, under front passenger seat
R189	Reversing camera
R265	Storage compartment with interface for mobile telephone
R293	USB hub
T4bq	4-pin connector, red
T4ch	4-pin connector, black, under roof trim
T4cj	4-pin connector, black
T4l	4-pin connector, brown
T4o	4-pin connector, black
T8n	8-pin connector, black, in slot for radio
T10ay	10-pin connector, red, under seat on front right
T17l	17-pin connector, black, in left A-pillar coupling station
T23a	23-pin connector, green
T26e	26-pin connector, black
373	Earth connection 8, in main wiring harness
374	Earth connection 9, in main wiring harness
381	Earth connection 16, in main wiring harness
398	Earth connection 33, in main wiring harness
610	Earth point (audio), front below centre console
*	For left-hand drive models
*2	For right-hand drive models

ws	=	white
sw	=	black
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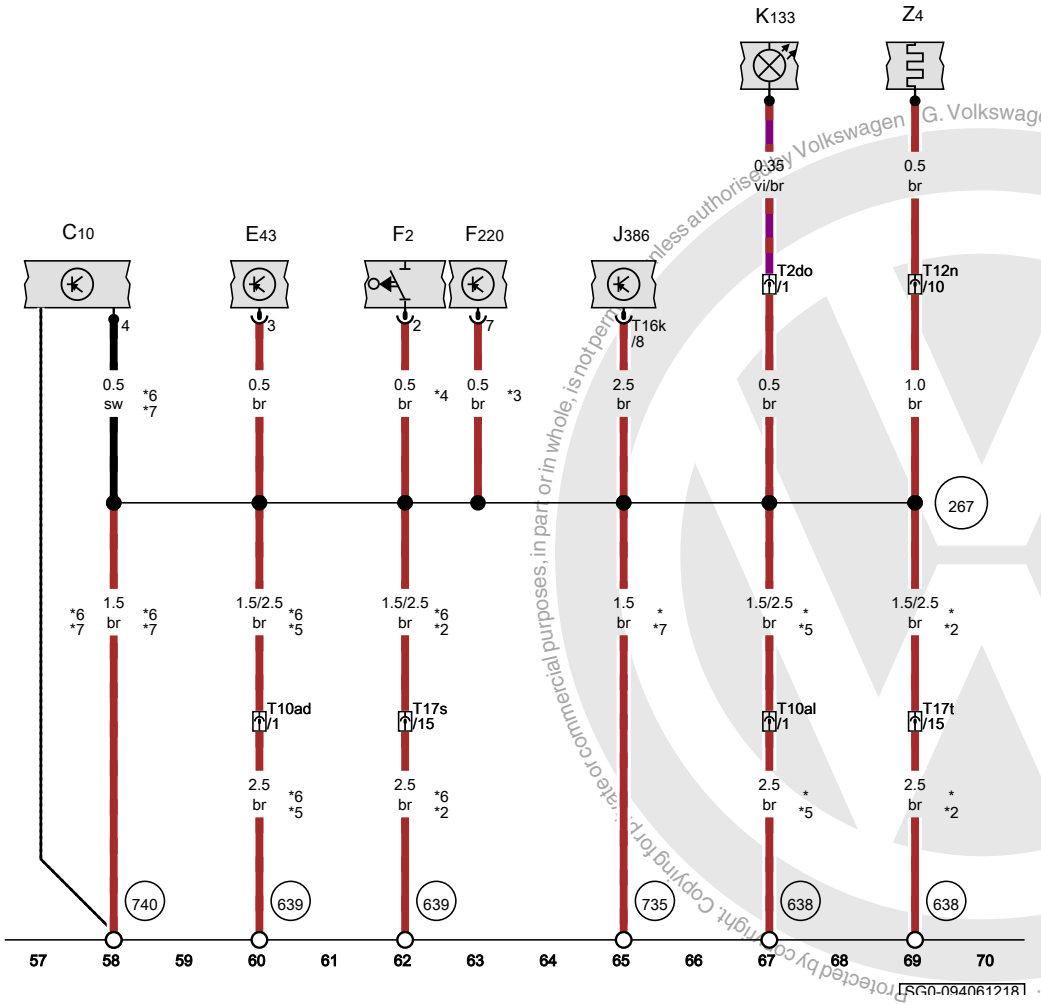
Suppression filter, Mirror adjustment switch, Driver door contact switch, Driver side central locking lock unit, Driver door control unit, Central locking SAFELOCK function warning lamp, Heated exterior mirror on driver side



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C10	Suppression filter
E43	Mirror adjustment switch
F2	Driver door contact switch
F220	Driver side central locking lock unit
J386	Driver door control unit
K133	Central locking SAFELOCK function warning lamp
T2do	2-pin connector, black, in driver door
T10ad	10-pin connector, red, on left A-pillar
T10al	10-pin connector, red, on right A-pillar
T12n	12-pin connector, brown, in driver door
T16k	16-pin connector, black
T17s	17-pin connector, red, on left A-pillar
T17t	17-pin connector, red, on right A-pillar
Z4	Heated exterior mirror on driver side
267	Earth connection 2, in drive side door wiring harness
638	Earth point, on right A-pillar
639	Earth point, left A-pillar
735	Earth point in front right door
740	Earth point 2 in front left door
*	For right-hand drive models
*2	From January 2016
*3	For models with central locking
*4	For models with no central locking
*5	Up to January 2016
*6	For left-hand drive models
*7	According to equipment

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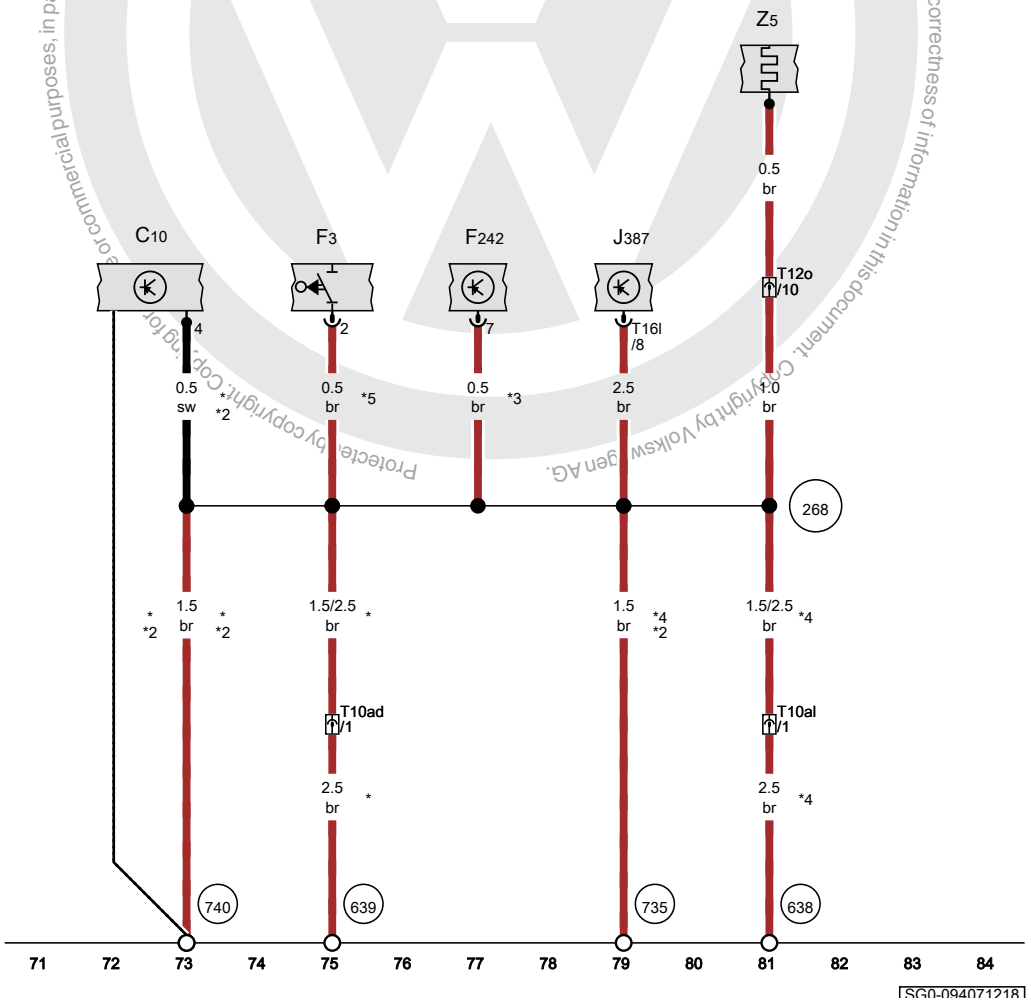

Suppression filter, Front passenger door contact switch, Front passenger side contact switch in lock cylinder, Front passenger door control unit, Heated exterior mirror on passenger side

C10	Suppression filter
F3	Front passenger door contact switch
F242	Front passenger side contact switch in lock cylinder
J387	Front passenger door control unit
T10ad	10-pin connector, red, on left A-pillar
T10al	10-pin connector, red, on right A-pillar
T12o	12-pin connector, brown, in front passenger door
T16l	16-pin connector, black
Z5	Heated exterior mirror on passenger side
268	Earth connection 2, in front passenger side door wiring harness
638	Earth point, on right A-pillar
639	Earth point, left A-pillar
735	Earth point in front right door
740	Earth point 2 in front left door
*	For right-hand drive models
*2	According to equipment
*3	For models with central locking
*4	For left-hand drive models
*5	For models with no central locking

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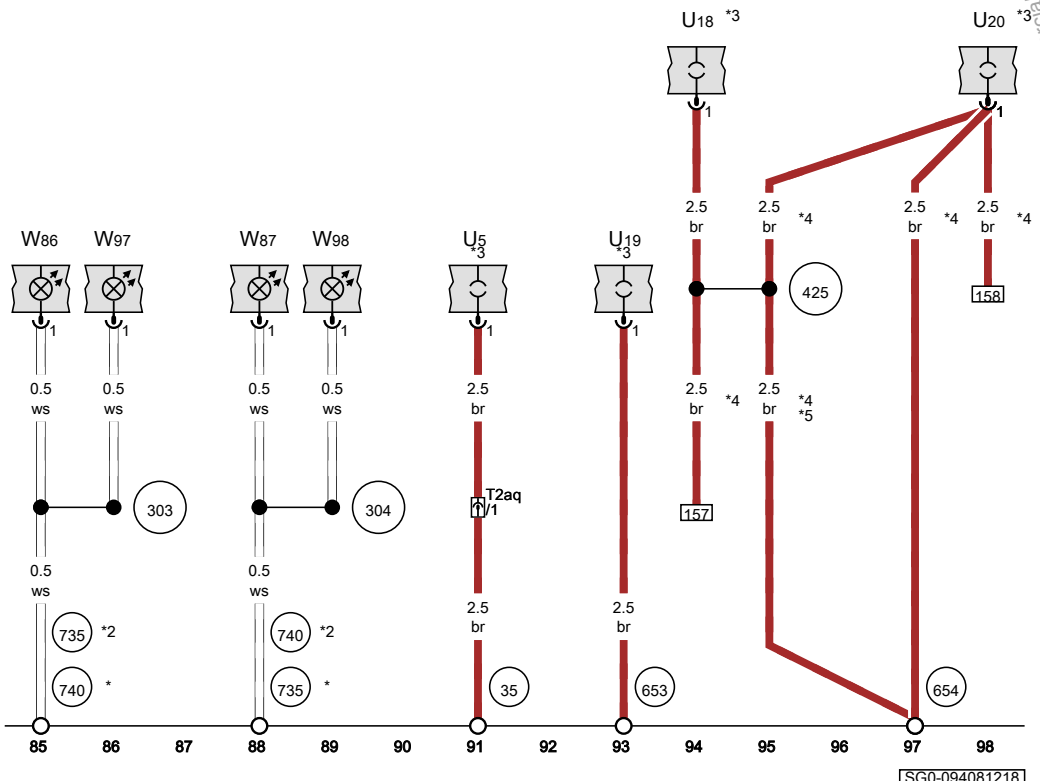
2-pin connector, 12 V socket, 12 V socket 2, 12 V socket 3, 12 V socket 4, Light for driver door background lighting, Light for passenger door background lighting

T2aq	2-pin connector, black, Coupling point under front passenger seat
U5	12 V socket, near front passenger seat
U18	12 V socket 2, on right C-pillar
U19	12 V socket 3, on left C-pillar
U20	12 V socket 4, in right D-pillar
W86	Light for driver door background lighting
W87	Light for passenger door background lighting
W97	Light 2 for driver door background lighting
W98	Light 2 for passenger door background lighting
35	Earth point, under front passenger seat
303	Earth connection 3, in drive side door wiring harness
304	Earth connection 3, in front passenger side door wiring harness
425	Earth connection 2, in right rear end wiring harness
653	Earth point, on left D-pillar
654	Earth point, on right D-pillar
735	Earth point in front right door
740	Earth point 2 in front left door
*	For left-hand drive models
*2	For right-hand drive models
*3	For models with no camping equipment
*4	According to equipment
*5	Cross-section 4.0 possible



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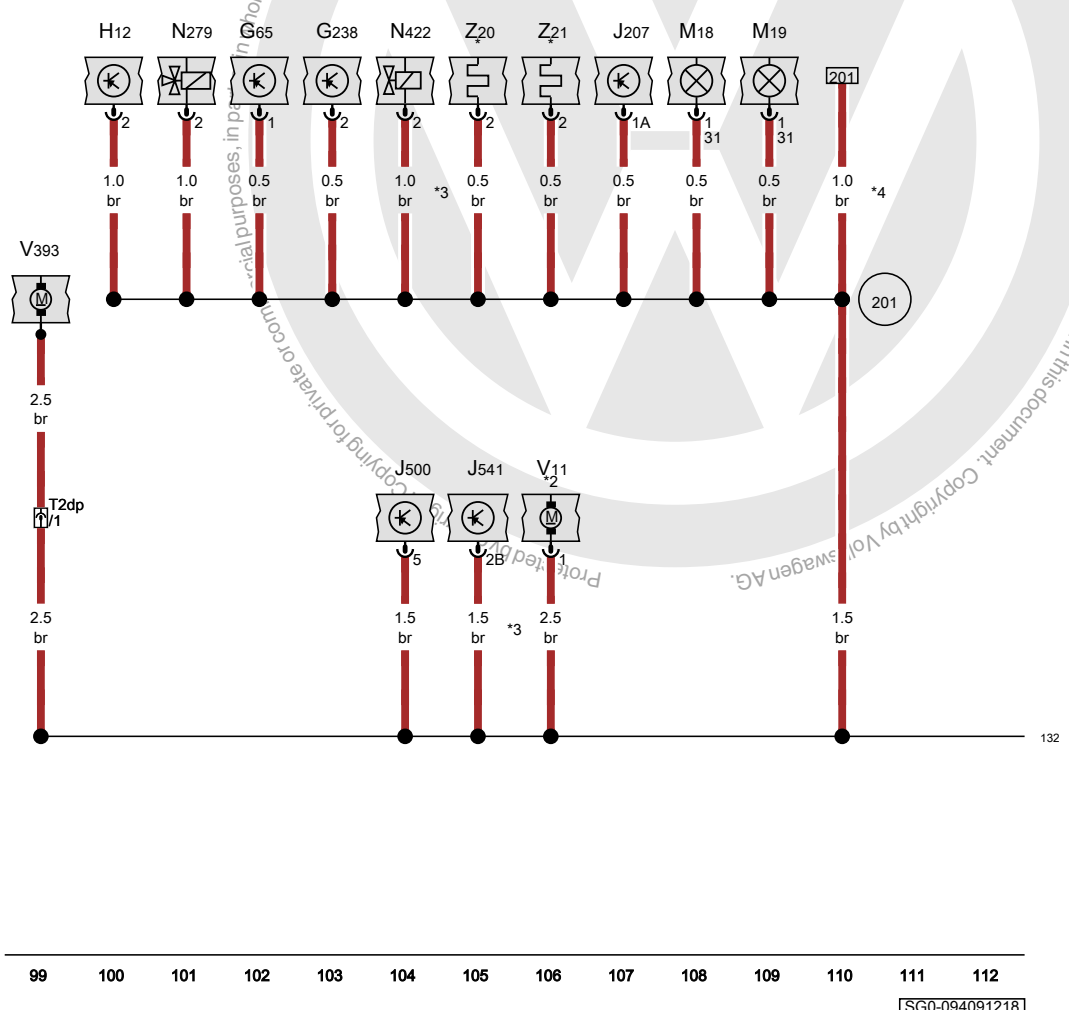

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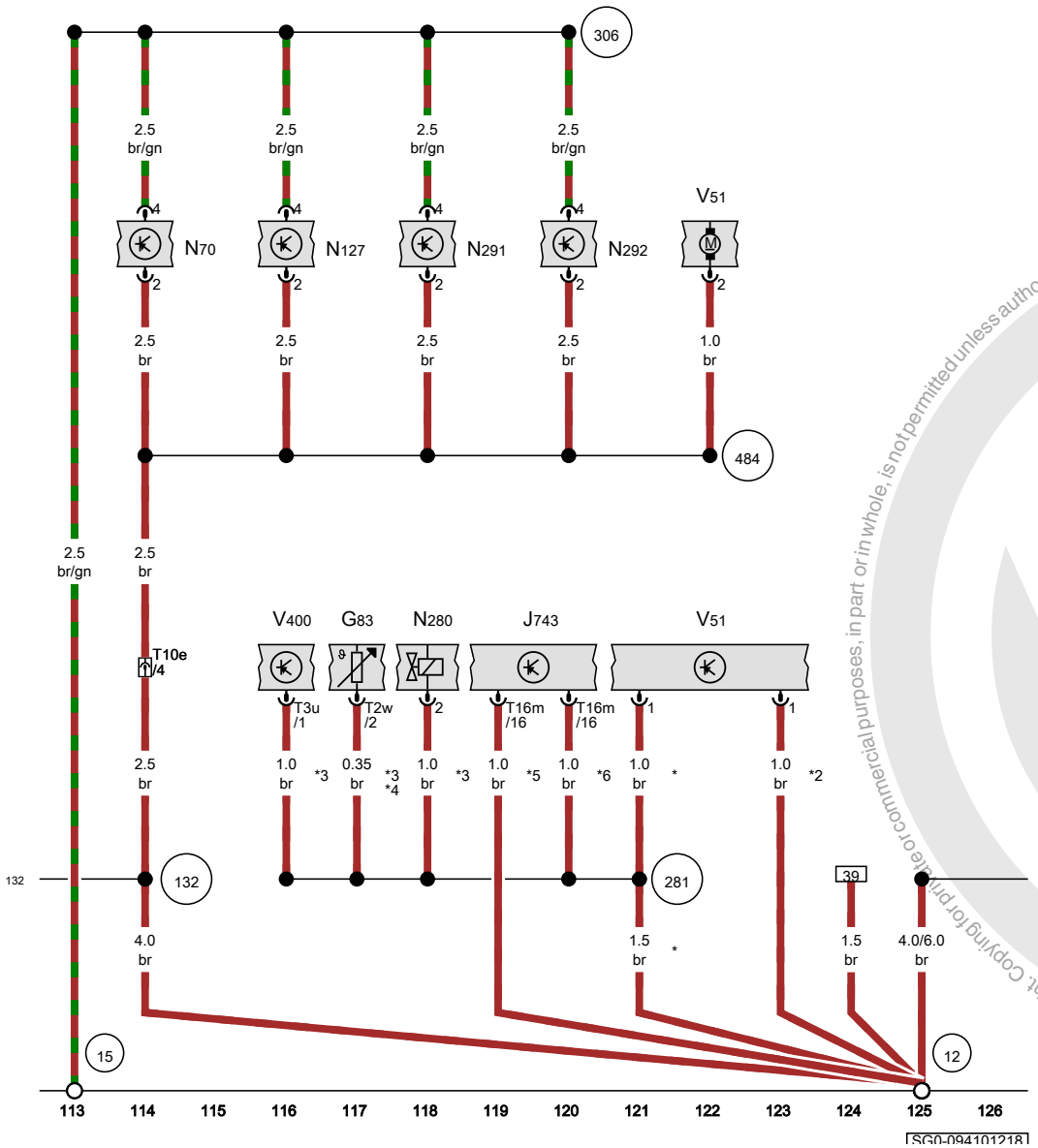
High-pressure sender, Air quality sensor, Alarm horn, Starter inhibitor relay, Power steering control unit, Coolant shut-off valve relay, Left turn signal repeater bulb, Right turn signal repeater bulb, Heater coolant shut-off valve, Climatronic coolant shut-off valve, Headlight washer system pump, Supplementary fuel pump, Left washer jet heater element, Right washer jet heater element

G65	High-pressure sender
G238	Air quality sensor
H12	Alarm horn
J207	Starter inhibitor relay
J500	Power steering control unit
J541	Coolant shut-off valve relay
M18	Left turn signal repeater bulb
M19	Right turn signal repeater bulb
N279	Heater coolant shut-off valve
N422	Climatronic coolant shut-off valve
T2dp	2-pin connector, black, near fuel filter
V11	Headlight washer system pump
V393	Supplementary fuel pump
Z20	Left washer jet heater element
Z21	Right washer jet heater element
132	Earth connection 3, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
*	For models with heater element for washer jets
*2	For models with headlight washer system
*3	For countries with hot climate
*4	see applicable current flow diagram for auxiliary coolant heater

Radiator outlet coolant temperature sender, Mechatronic unit for dual clutch gearbox, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Air conditioner compressor regulating valve, Continued coolant circulation pump, Pump for exhaust gas recirculation cooler



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G83	Radiator outlet coolant temperature sender
J743	Mechatronic unit for dual clutch gearbox
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N280	Air conditioner compressor regulating valve
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
T2w	2-pin connector, black
T3u	3-pin connector, black
T10e	10-pin connector, white, in E-box in engine compartment
T16m	16-pin connector, black, on electronic gearbox control unit
V51	Continued coolant circulation pump
V400	Pump for exhaust gas recirculation cooler
12	Earth point, on left in engine compartment
15	Earth point, on cylinder head
131	Earth connection 2, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
306	Earth connection (ignition coils), in engine prewiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
*	For models with dual clutch gearbox (DSG)
*2	For models with manual gearbox
*3	According to equipment
*4	Up to November 2016
*5	For models with petrol engine
*6	For models with diesel engine

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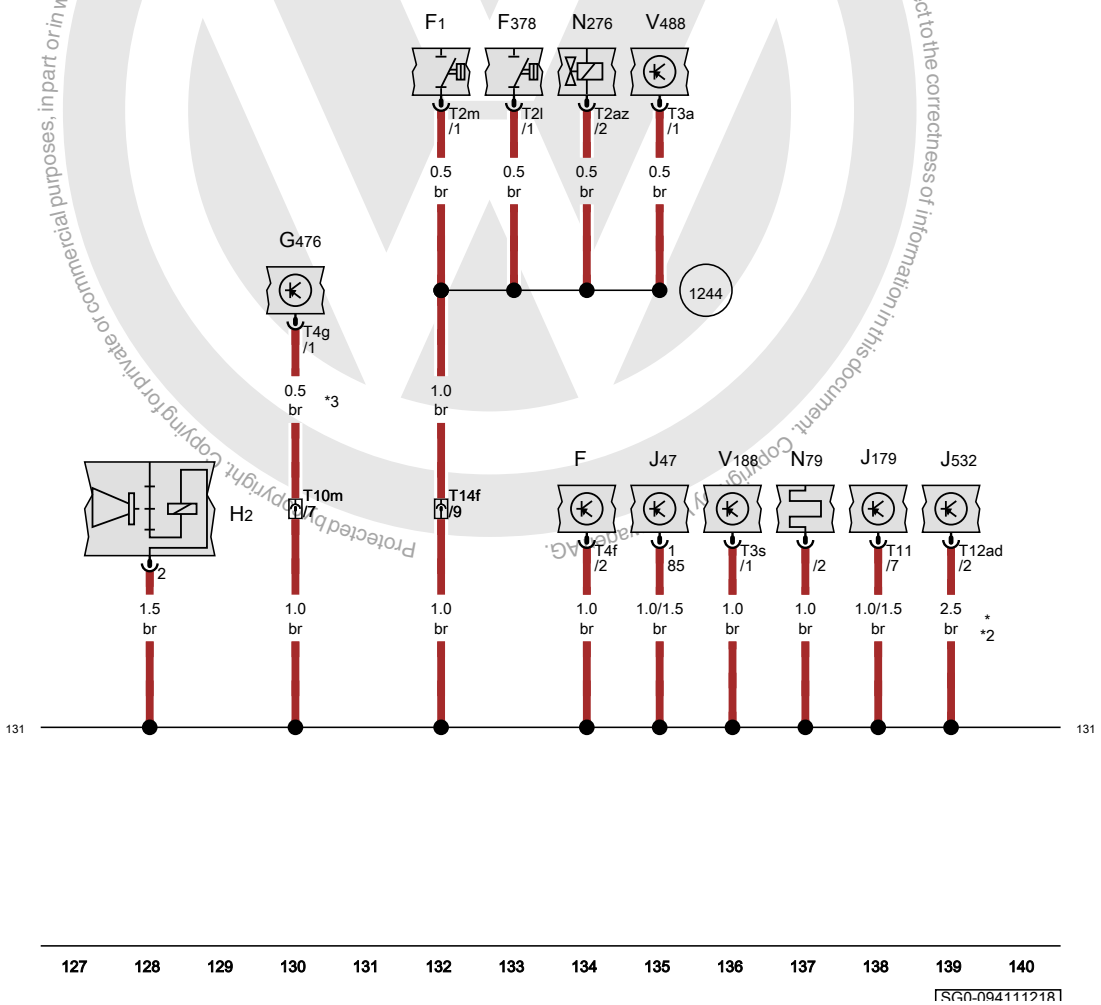

Brake light switch, Oil pressure switch, Oil pressure switch for reduced oil pressure, Clutch position sender, Treble horn, Heated windscreen relay, Automatic glow period control unit, Voltage stabiliser, Heater element for crankcase breather, Fuel pressure regulating valve, Charge air cooling pump, Auxiliary pump for heating

F	Brake light switch, on brake master cylinder
F1	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
G476	Clutch position sender
H2	Treble horn
J47	Heated windscreen relay
J179	Automatic glow period control unit
J532	Voltage stabiliser, in E-box in engine compartment
N79	Heater element for crankcase breather
N276	Fuel pressure regulating valve
T2az	2-pin connector, black
T2l	2-pin connector, black
T2m	2-pin connector, red
T3a	3-pin connector, black
T3s	3-pin connector, black
T4f	4-pin connector, black
T4g	4-pin connector, black
T10m	10-pin connector, light pink, in E-box in engine compartment
T11	11-pin connector, black
T12ad	12-pin connector, black
T14f	14-pin connector, grey
V188	Charge air cooling pump
V488	Auxiliary pump for heating
131	Earth connection 2, in engine compartment wiring harness
1244	Earth point 7, engine prewiring harness
*	For models with start/stop system
*2	Up to June 2016
*3	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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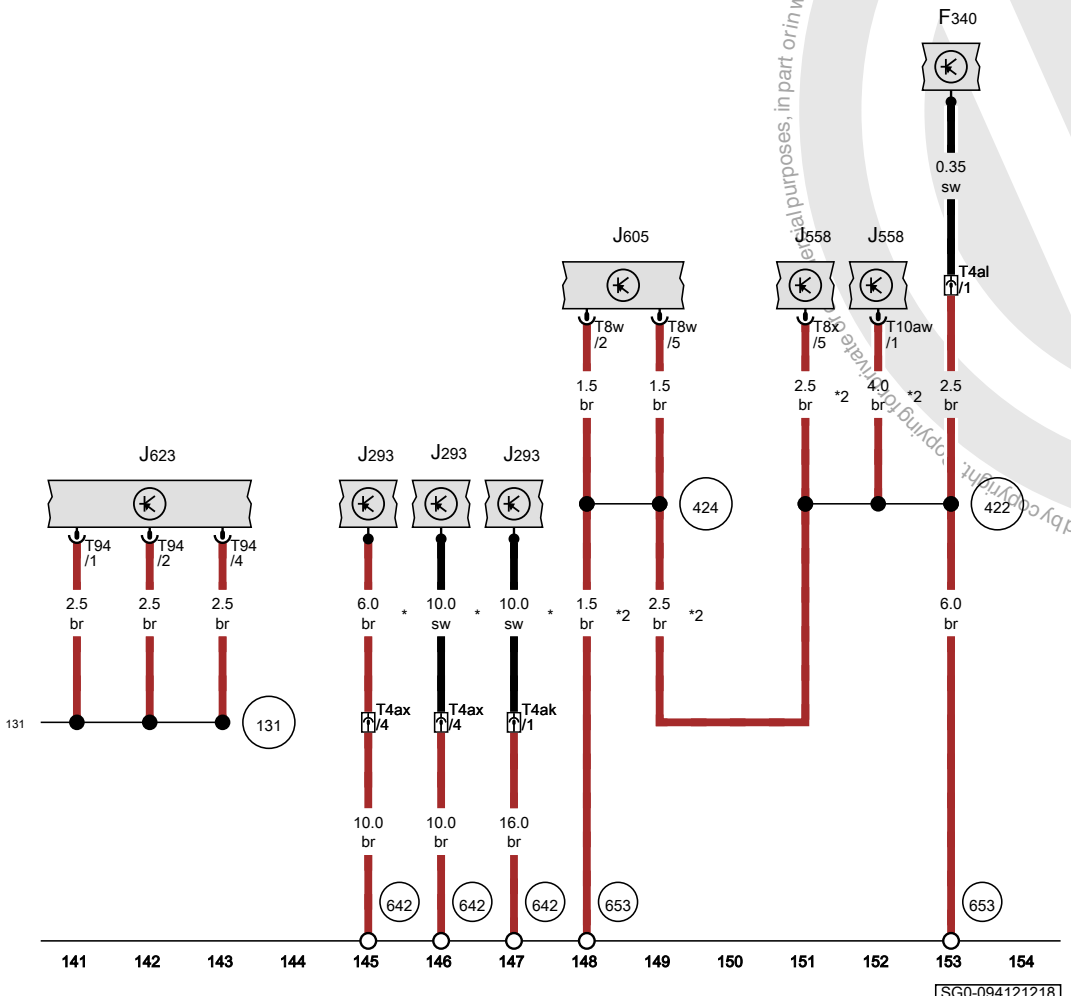
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Rear left door power latching system contact switch, Radiator fan control unit, Left sliding door control unit, Rear lid control unit, Engine/motor control unit

F340	Rear left door power latching system contact switch
J293	Radiator fan control unit
J558	Left sliding door control unit
J605	Rear lid control unit
J623	Engine/motor control unit, in E-box in engine compartment
T4ak	4-pin connector, black, near radiator fan
T4al	4-pin connector, black
T4ax	4-pin connector, black, near radiator fan
T8w	8-pin connector, black
T8x	8-pin connector, black
T10aw	10-pin connector, black
T94	94-pin connector, black
131	Earth connection 2, in engine compartment wiring harness
422	Earth connection 1, in left rear end wiring harness
424	Earth connection 2, in left rear end wiring harness
642	Earth point for electronically controlled fan
653	Earth point, on left D-pillar
*	see applicable current flow diagram for engine
*2	According to equipment



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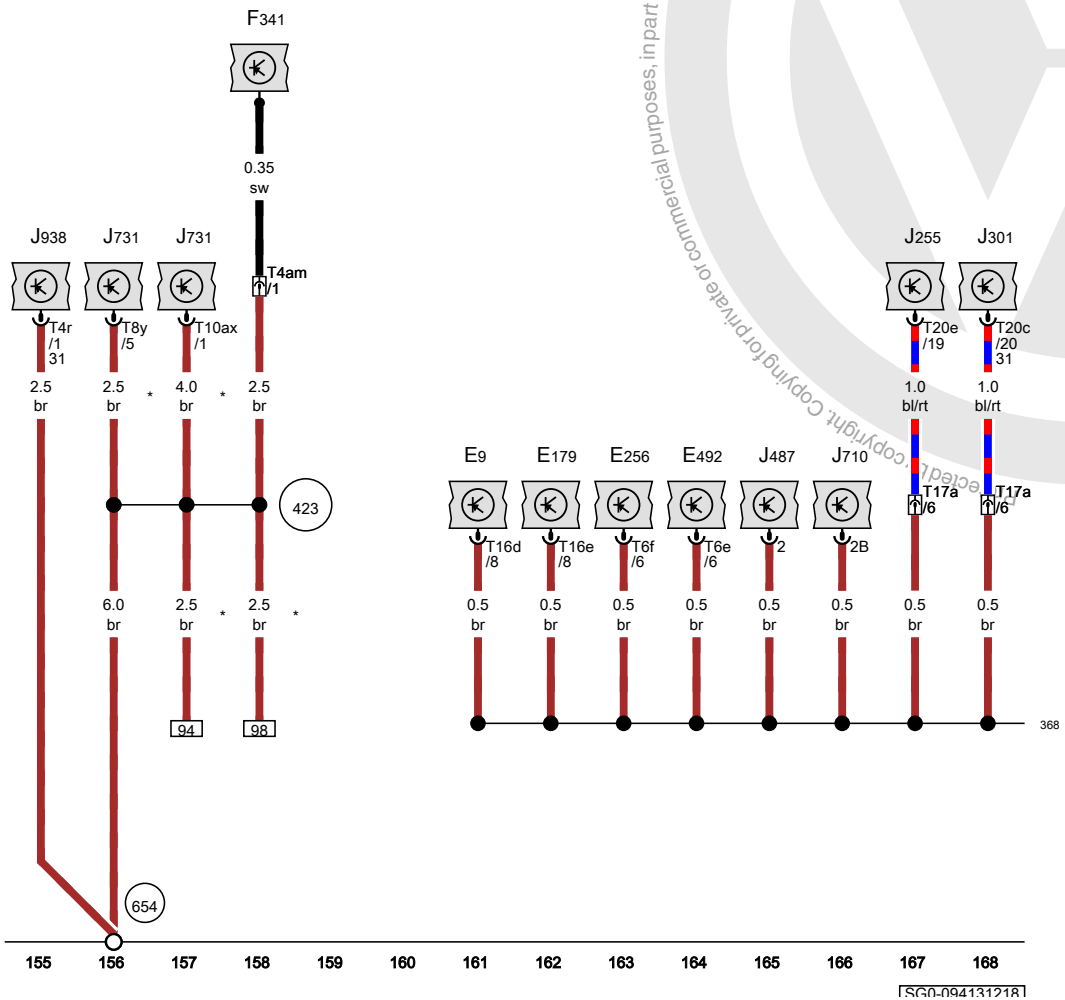

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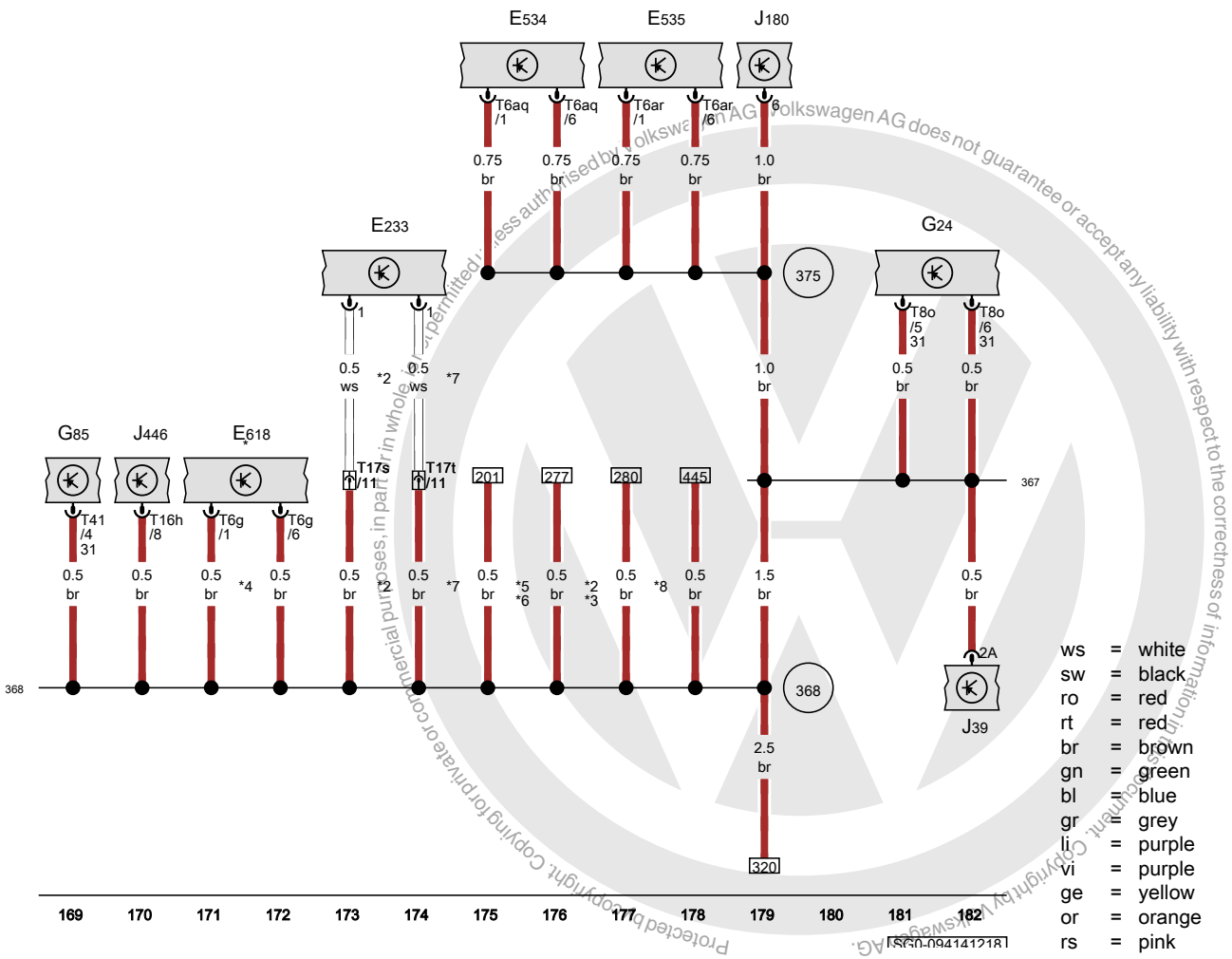
Fresh air blower switch, Rear fresh air blower switch, Button for TCS and electronic stabilisation program, Tyre Pressure Loss Indicator button, Rear right door power latching system contact switch, Climatronic control unit, Air conditioning system control unit, Fresh air blower isolation relay, Voltage supply relay 2, Right sliding door control unit, Rear lid power opening control unit

E9	Fresh air blower switch
E179	Rear fresh air blower switch, in dash panel
E256	Button for TCS and electronic stabilisation program
E492	Tyre Pressure Loss Indicator button
F341	Rear right door power latching system contact switch
J255	Climatronic control unit
J301	Air conditioning system control unit
J487	Fresh air blower isolation relay
J710	Voltage supply relay 2
J731	Right sliding door control unit
J938	Rear lid power opening control unit
T4am	4-pin connector, black
T4r	4-pin connector, black
T6e	6-pin connector, red
T6f	6-pin connector, red
T8y	8-pin connector, black
T10ax	10-pin connector, black
T16d	16-pin connector, black
T16e	16-pin connector, black
T17a	17-pin connector, black
T20c	20-pin connector, black
T20e	20-pin connector, black
368	Earth connection 3, in main wiring harness
423	Earth connection 1, in right rear end wiring harness
654	Earth point, on right D-pillar
*	According to equipment

Rear lid remote release button, Switch for roof ventilator to ventilate load area, Switch for roof ventilator to extract air from load area, Hill descent control button, Tachograph, Steering angle sender, Headlight washer system relay, Switch-over relay 1 for roof ventilator, Parking aid control unit



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vi	=	purple	
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rs	=	pink	

E233	Rear lid remote release button
E534	Switch for roof ventilator to ventilate load area
E535	Switch for roof ventilator to extract air from load area
E618	Hill descent control button
G24	Tachograph
G85	Steering angle sender
J39	Headlight washer system relay
J180	Switch-over relay 1 for roof ventilator
J446	Parking aid control unit
T6aq	6-pin connector, blue
T6ar	6-pin connector, green
T6g	6-pin connector, black
T8o	8-pin connector, white
T16h	16-pin connector, brown
T17s	17-pin connector, red, on right A-pillar
T17t	17-pin connector, red, on right A-pillar
T41	41-pin connector, grey
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
375	Earth connection 10, in main wiring harness
*	According to equipment
*2	For left-hand drive models
*3	Up to June 2016
*4	Up to November 2016
*5	For models with auxiliary air heater
*6	For models with no camping equipment
*7	For right-hand drive models
*8	From June 2016

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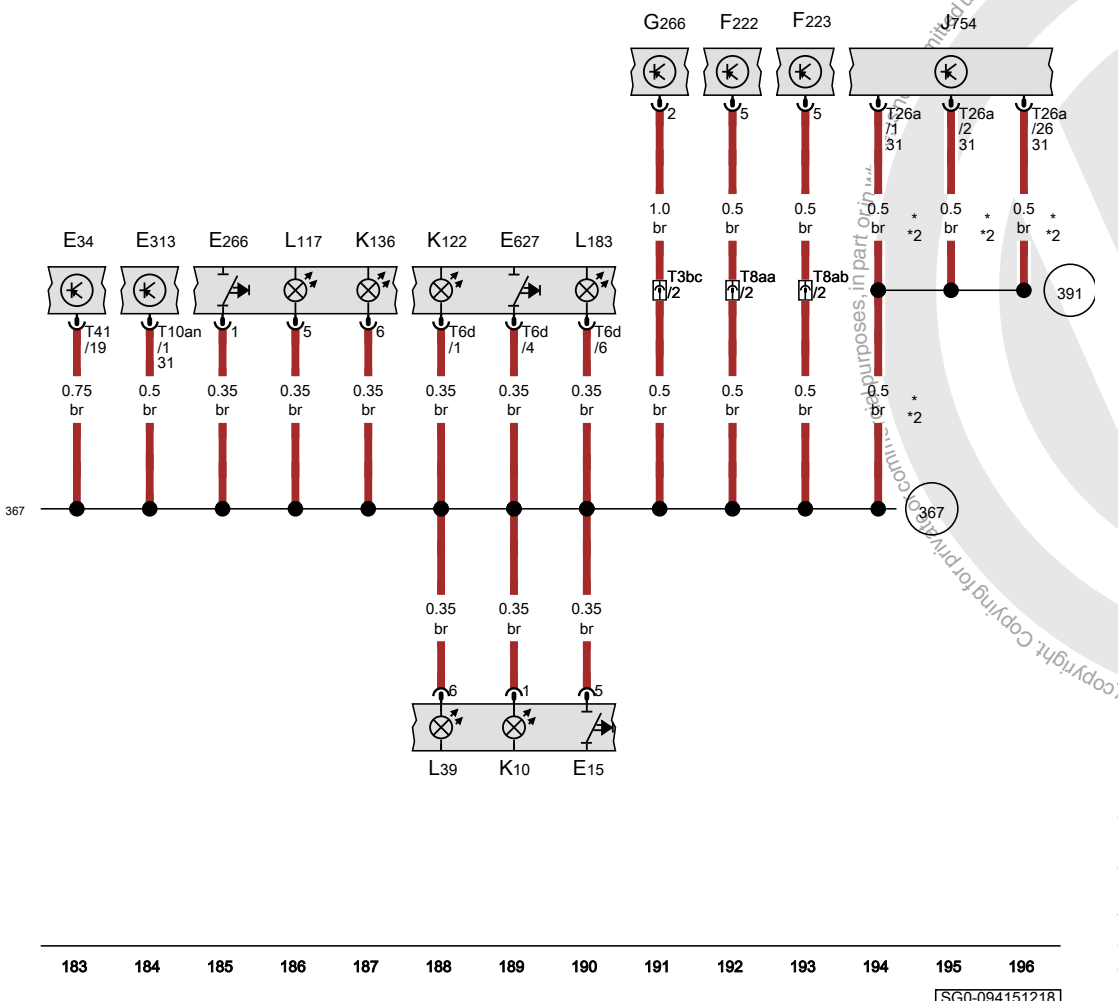
Heated rear window switch, Rear wiper switch, Parking aid button, Selector lever, Heated windscreen button, Rear left central locking lock unit, Rear right central locking lock unit, Oil level and oil temperature sender, Accident data memory



E15	Heated rear window switch
E34	Rear wiper switch
E266	Parking aid button
E313	Selector lever
E627	Heated windscreen button
F222	Rear left central locking lock unit
F223	Rear right central locking lock unit
G266	Oil level and oil temperature sender
J754	Accident data memory, under front passenger seat
K10	Heated rear window warning lamp
K122	Heated windscreen warning lamp
K136	Parking aid warning lamp
L39	Heated rear window switch illumination bulb
L117	Parking aid switch illumination bulb
L183	Bulb for heated windscreen switch illumination
T3bc	3-pin connector, black
T6d	6-pin connector, brown
T8aa	8-pin connector, black, on left B-pillar
T8ab	8-pin connector, black, on right B-pillar
T10an	10-pin connector, black
T26a	26-pin connector, black
T41	41-pin connector, grey
367	Earth connection 2, in main wiring harness
391	Earth connection 26, in main wiring harness
*	From June 2016
*2	For models with no special police equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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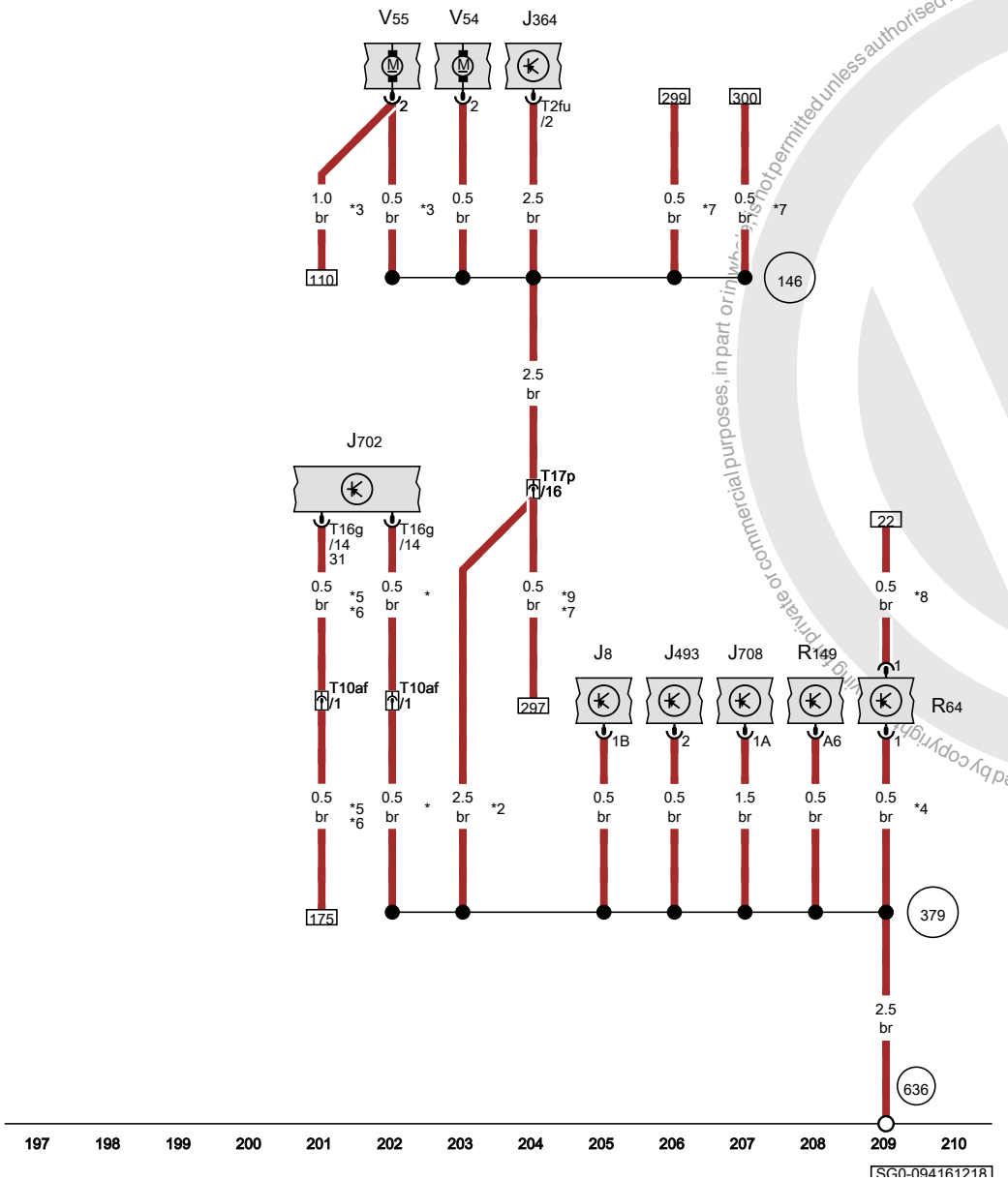
Auxiliary heater relay, Auxiliary heater control unit, Auxiliary coolant heater relay, Roof display unit, Residual heat relay, Remote control receiver for auxiliary heater, Remote control receiver for auxiliary coolant heater, Metering pump, Circulation pump



J8	Auxiliary heater relay
J364	Auxiliary heater control unit
J493	Auxiliary coolant heater relay
J702	Roof display unit
J708	Residual heat relay
R64	Remote control receiver for auxiliary heater
R149	Remote control receiver for auxiliary coolant heater
T2fu	2-pin connector, black
T10af	10-pin connector, blue, in left A-pillar coupling station
T16g	16-pin connector, black
T17p	17-pin connector, red, under seat on front left
V54	Metering pump
V55	Circulation pump
146	Earth connection 1, in auxiliary heater wiring harness
379	Earth connection 14, in main wiring harness
636	Earth point, onboard supply control unit
*	Only models with auxiliary coolant heater
*2	For models with auxiliary coolant heater
*3	see applicable current flow diagram for auxiliary coolant heater
*4	Up to November 2015
*5	For models with auxiliary air heater
*6	For models with no camping equipment
*7	From June 2016
*8	From November 2015
*9	For models with no auxiliary coolant heater

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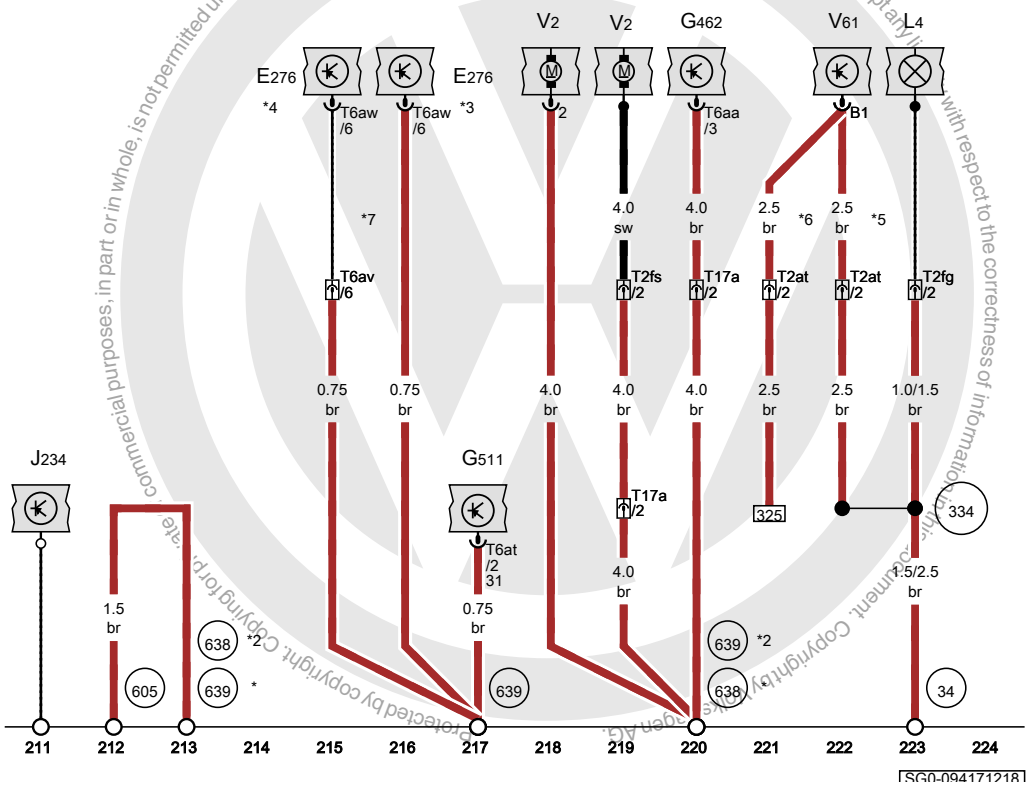
Emergency assistance call button, Sender for front Bitron blower regulation, Mirror taximeter, Airbag control unit, Red Cross light bulb, Fresh air blower, Rotating light motor

E276	Emergency assistance call button
G462	Sender for front Bitron blower regulation
G511	Mirror taximeter
J234	Airbag control unit
L4	Red Cross light bulb
T2at	2-pin connector, black, near left roof member, front
T2fg	2-pin connector, black, under roof trim, middle, front
T2fs	2-pin connector, black, near heater blower
T6aa	6-pin connector, black
T6at	6-pin connector, blue
T6av	6-pin connector, black, near front interior light
T6aw	6-pin connector, brown
T17a	17-pin connector, black
V2	Fresh air blower
V61	Rotating light motor
34	Earth point, under driver seat
334	Earth connection 6, in rear wiring harness
605	Earth point, on top end of steering column
638	Earth point, on right A-pillar
639	Earth point, left A-pillar
*	For left-hand drive models
*2	For right-hand drive models
*3	Not for Camper
*4	For Camper
*5	For panel van and Kombi models
*6	For models with double cab/dropside
*7	Adapter wire



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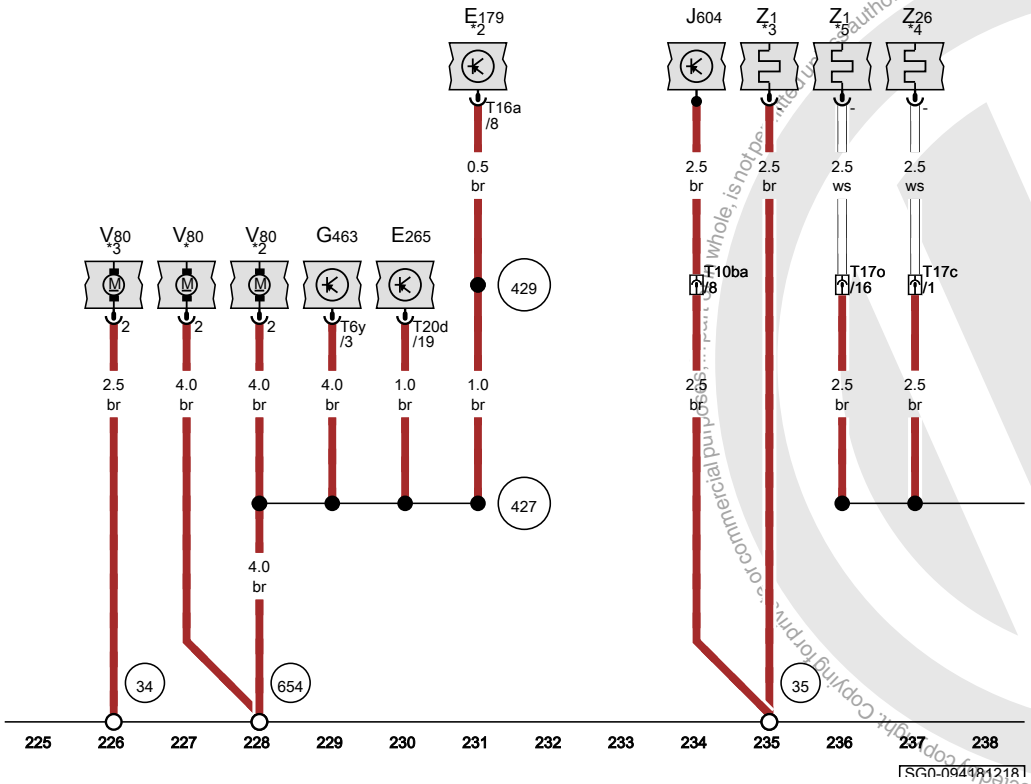
Rear fresh air blower switch, Operating and display unit for rear air conditioning system, Rear blower regulation sender, Auxiliary air heater control unit, Rear fresh air blower, Heated rear window, Heated rear window in left wing door

E179	Rear fresh air blower switch, in roof
E265	Operating and display unit for rear air conditioning system
G463	Rear blower regulation sender
J604	Auxiliary air heater control unit
T6y	6-pin connector, brown
T10ba	10-pin connector, blue, under seat on front right
T16a	16-pin connector, black
T17c	17-pin connector, black
T17o	17-pin connector, black
T20d	20-pin connector, black
V80	Rear fresh air blower
Z1	Heated rear window
Z26	Heated rear window in left wing door
34	Earth point, under driver seat
35	Earth point, under front passenger seat
426	Earth connection 3, in left rear end wiring harness
427	Earth connection 3, in right rear end wiring harness
429	Earth connection 4, in right rear end wiring harness
654	Earth point, on right D-pillar
*	For panel van and Kombi models with no separate passenger compartment ventilation, not for double cab
*2	For Camper, panel van and Kombi models with separate passenger compartment ventilation
*3	For models with double cab/dropside
*4	For models with wing doors
*5	For models with rear lid



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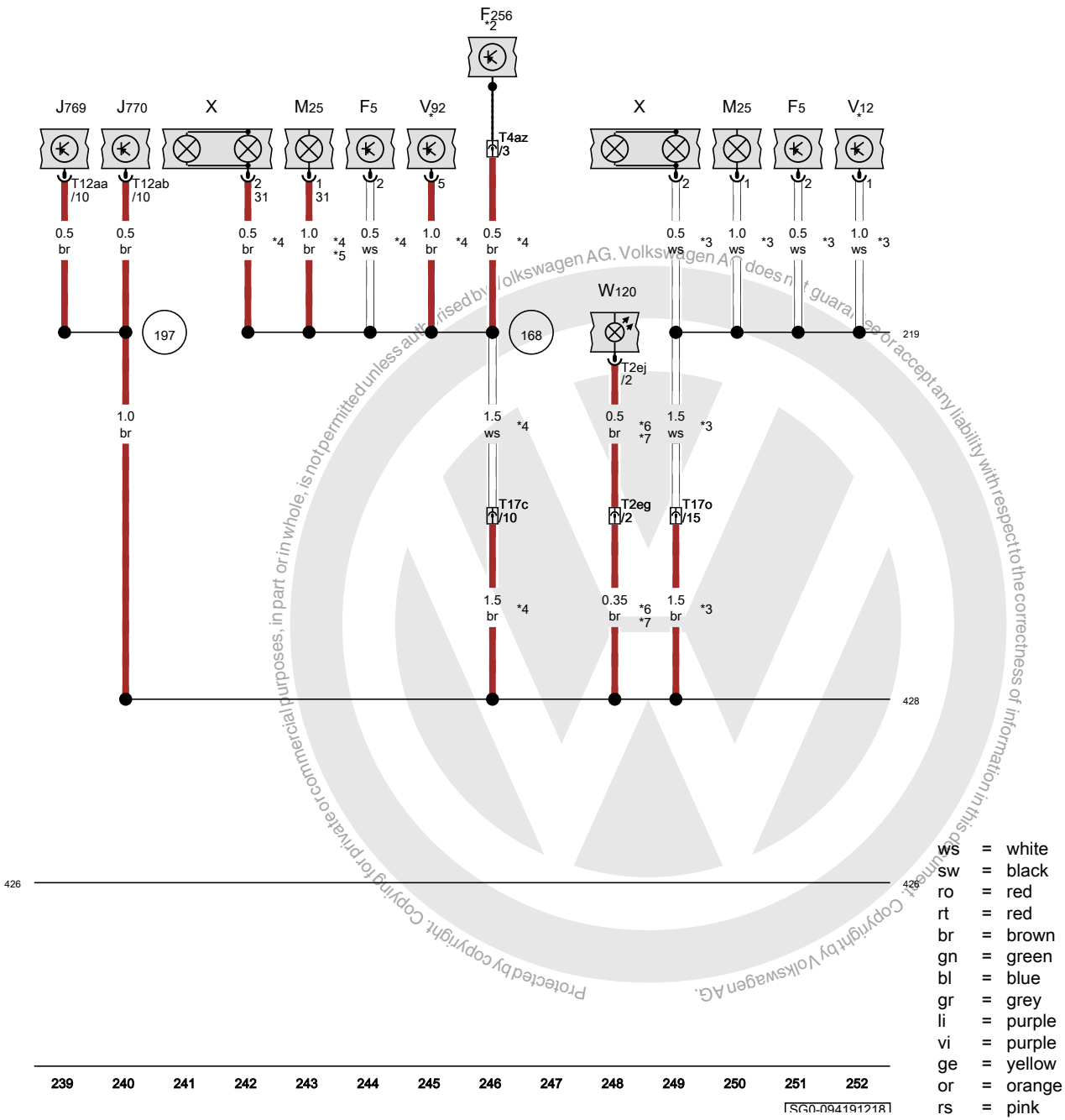
Luggage compartment light switch, Rear lid lock unit, Lane change assist control unit, High-level brake light bulb, Rear window wiper motor, Cupboard light, Number plate light



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F5	Luggage compartment light switch
F256	Rear lid lock unit
J769	Lane change assist control unit
J770	Lane change assist control unit 2
M25	High-level brake light bulb
T2eg	2-pin connector, black, near left D-pillar, top
T2ej	2-pin connector, black
T4az	4-pin connector, black, in left wing door
T12aa	12-pin connector, black
T12ab	12-pin connector, black
T17c	17-pin connector, black
T17o	17-pin connector, black
V12	Rear window wiper motor
V92	Rear left wing door window wiper motor
W120	Cupboard light, rear, top
X	Number plate light
168	Earth connection, in rear left wing door wiring harness
197	Earth connection 4, in rear wiring harness
219	Earth connection 2, in rear lid wiring harness
426	Earth connection 3, in left rear end wiring harness
428	Earth connection 4, in left rear end wiring harness
*	For models with rear window wiper
*2	For models with central locking
*3	For models with rear lid
*4	For models with wing doors
*5	For models with flat roof
*6	From June 2017
*7	According to equipment

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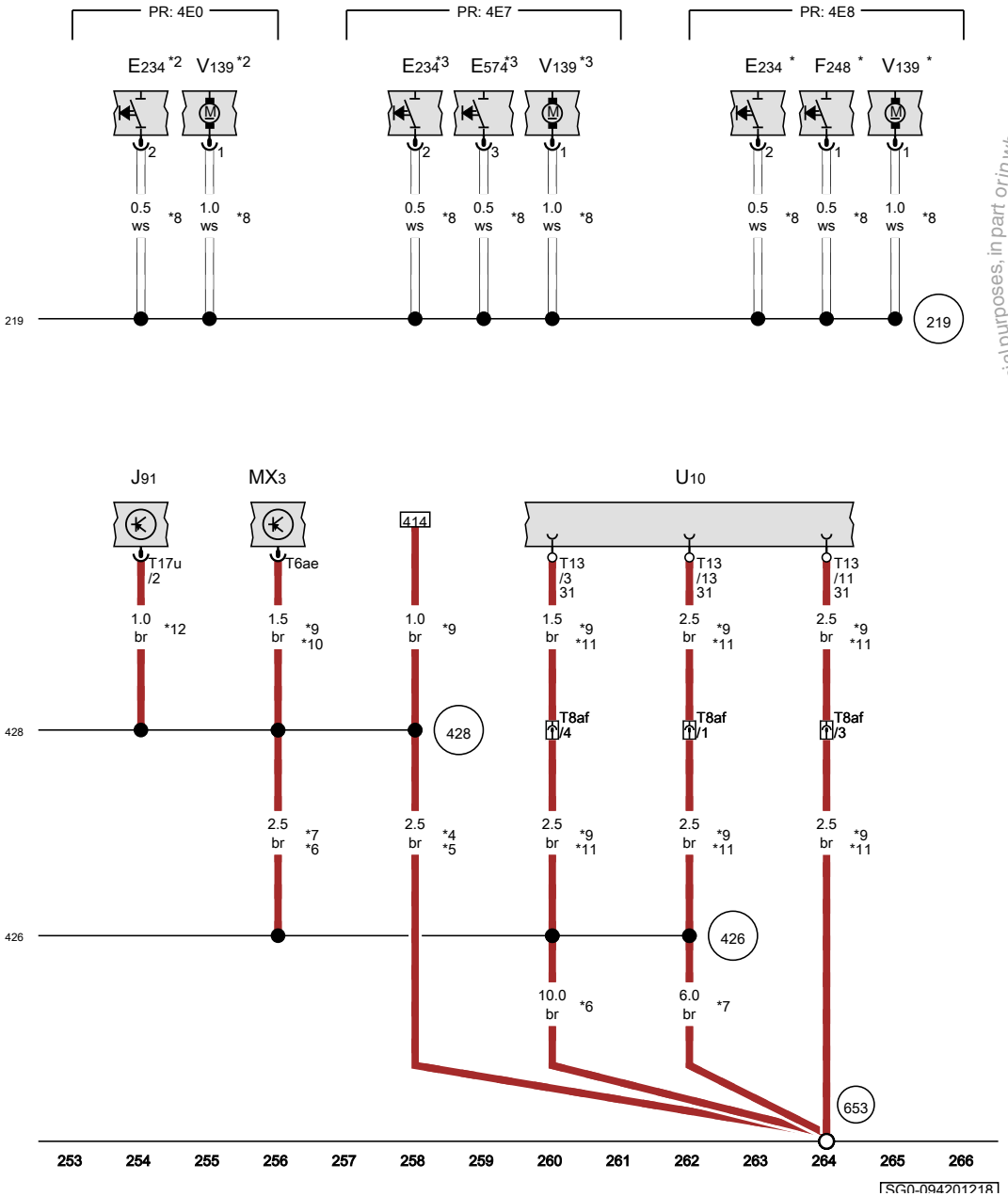
Rear lid handle release button, Rear lid closure button, Release button for rear lid lock cylinder, Reading light relay, Left tail light cluster, Trailer socket, Rear lid release motor



E234	Rear lid handle release button
E574	Rear lid closure button
F248	Release button for rear lid lock cylinder
J91	Reading light relay, near wheel housing, rear, left
MX3	Left tail light cluster
T6ae	6-pin connector, black
T8af	8-pin connector, black, in left D-pillar
T13	13-pin connector, black
T17u	17-pin connector, black
U10	Trailer socket
V139	Rear lid release motor
219	Earth connection 2, in rear lid wiring harness
426	Earth connection 3, in left rear end wiring harness
428	Earth connection 4, in left rear end wiring harness
653	Earth point, on left D-pillar
*	For models with childproof locks
*2	For models with no childproof locks
*3	For models with electric rear lid opener
*4	For models with no trailer socket
*5	For models with no heated rear window
*6	For models with trailer socket and heated rear window
*7	For models with trailer socket or heated rear window
*8	For models with rear lid
*9	For Multivan, panel van and Kombi models
*10	see applicable current flow diagram for tail light clusters
*11	For models with trailer socket
*12	According to equipment

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rt	=	red
br	=	brown
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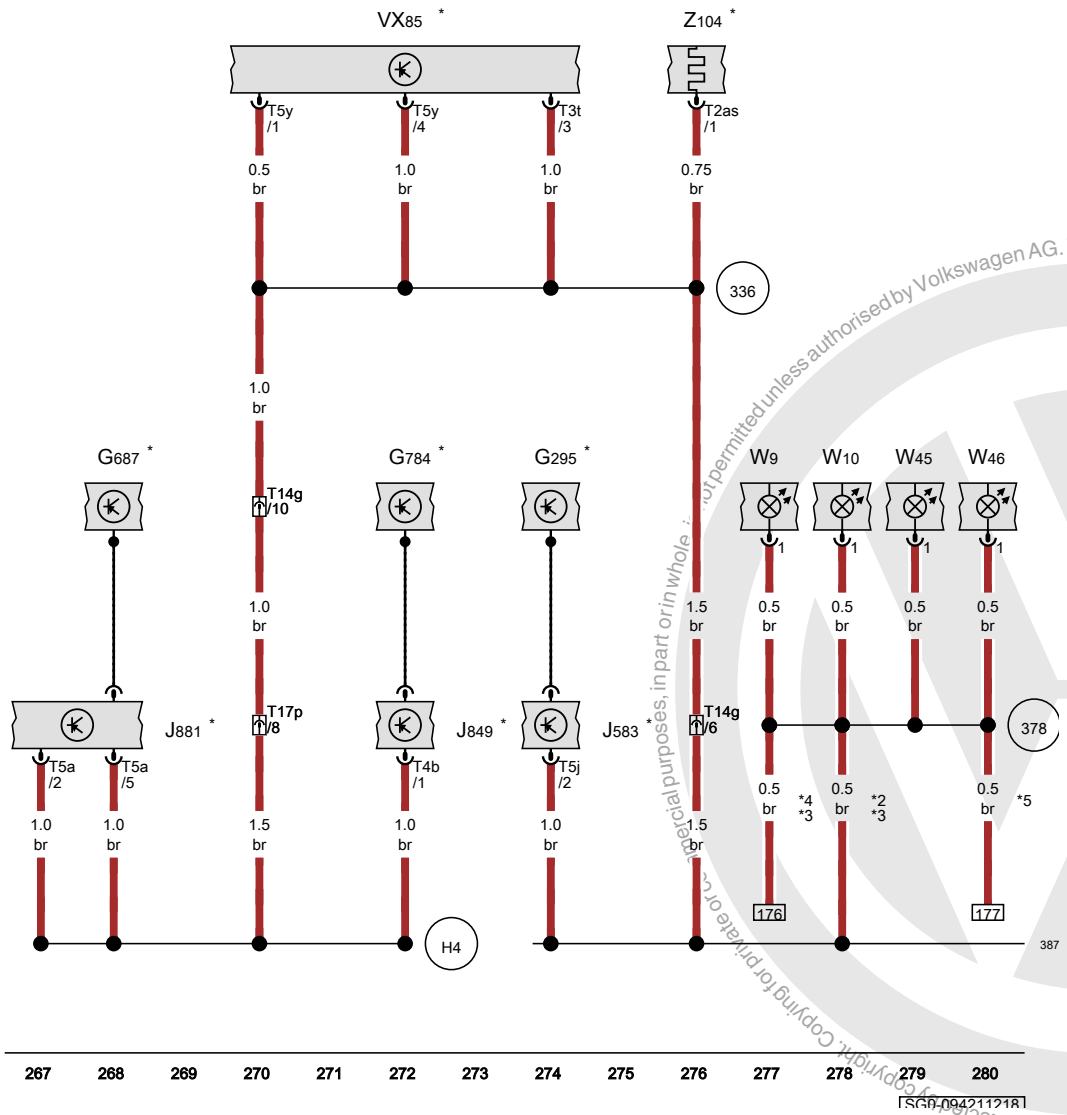
NOx sender, NOx sender 2, Particulate sensor, Reducing agent tank, Left footwell light, Right footwell light, Heater for reducing agent line (heater circuit 2)



G295	NOx sender
G687	NOx sender 2
G784	Particulate sensor
J583	Control unit for NOx sender
J849	Control unit for sensor electronics
J881	Control unit for NOx sender 2
T2as	2-pin connector, black
T3t	3-pin connector, black
T4b	4-pin connector, black
T5a	5-pin connector, black
T5j	5-pin connector, black
T5y	5-pin connector, black
T14g	14-pin connector, black, near container for additive
T17p	17-pin connector, red, under seat on front left
VX85	Reducing agent tank
W9	Left footwell light
W10	Right footwell light
W45	Rear left footwell light
W46	Rear right footwell light
Z104	Heater for reducing agent line (heater circuit 2)
336	Earth connection 1, in floor wiring harness
378	Earth connection 13, in main wiring harness
387	Earth connection 22, in main wiring harness
H4	Connection 2 in wiring harness for reducing agent tank
*	see applicable current flow diagram for engine
*2	For right-hand drive models
*3	Up to June 2016
*4	For left-hand drive models
*5	From June 2016

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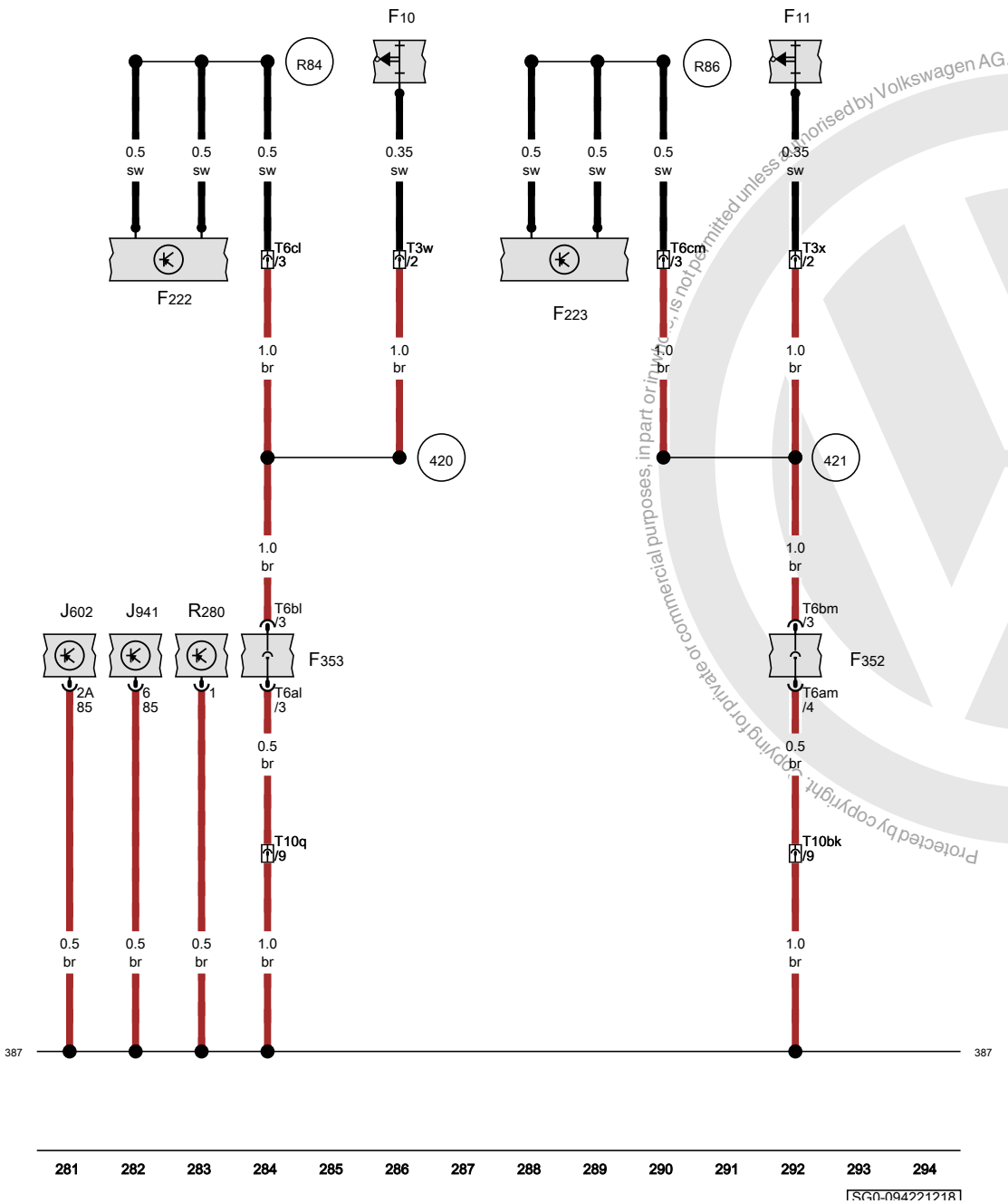

Rear left door contact switch, Rear right door contact switch, Rear left central locking lock unit, Rear right central locking lock unit, Interior light relay, Trailer voltage supply relay, Electric torch

F10	Rear left door contact switch
F11	Rear right door contact switch
F222	Rear left central locking lock unit
F223	Rear right central locking lock unit
F352	Contact strip in right sliding door
F353	Contact strip in left sliding door
J602	Interior light relay
J941	Trailer voltage supply relay
R280	Electric torch, on front passenger seat
T3w	3-pin connector, black, in left sliding door
T3x	3-pin connector, black, in right sliding door
T6al	6-pin connector, black
T6am	6-pin connector, black
T6bl	6-pin connector, black
T6bm	6-pin connector, black
T6cl	6-pin connector, black, in left sliding door
T6cm	6-pin connector, black, in right sliding door
T10bk	10-pin connector, grey, under seat on front right
T10q	10-pin connector, green, under seat on front left
387	Earth connection 22, in main wiring harness
420	Earth connection 1, in left sliding door wiring harness
421	Earth connection 1, in right sliding door wiring harness
R84	Connection 1 (central locking), in rear left door wiring harness
R86	Connection 1 (central locking), in rear right door wiring harness

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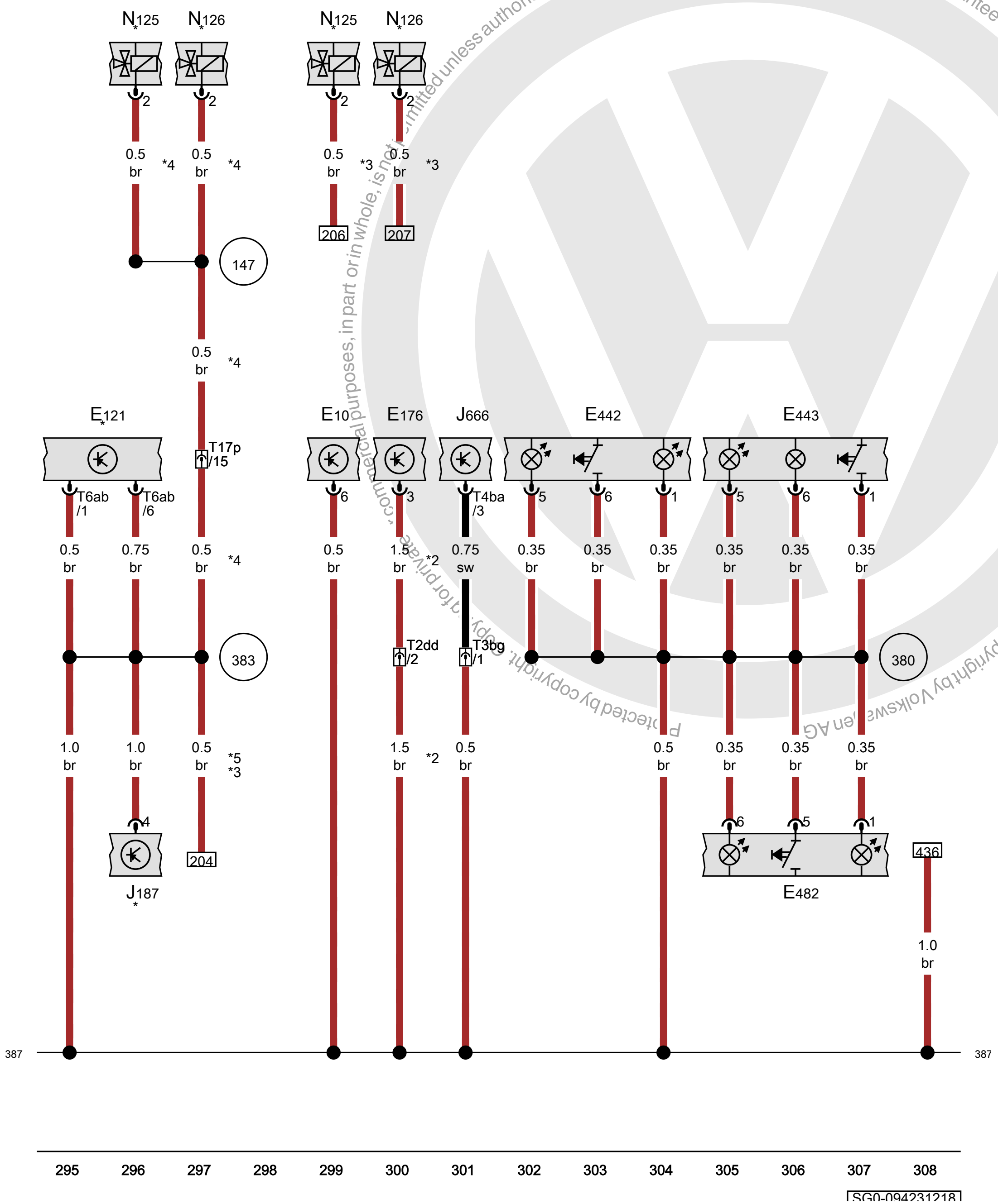
Red Cross light switch, Rear differential lock switch, Driver seat lumbar support adjustment switch, Sliding door button, Button to deactivate sliding door, Right sliding door button, Differential lock control unit, Internet access control unit, Differential lock valve 1



E10	Red Cross light switch
E121	Rear differential lock switch
E176	Driver seat lumbar support adjustment switch
E442	Sliding door button
E443	Button to deactivate sliding door
E482	Right sliding door button
J187	Differential lock control unit
J666	Internet access control unit
N125	Differential lock valve 1
N126	Differential lock valve 2
T2dd	2-pin connector, black, under driver seat
T3bg	3-pin connector, black, behind glove compartment
T4ba	4-pin connector, black, in glove compartment
T6ab	6-pin connector, brown
T17p	17-pin connector, red, under seat on front left
147	Earth connection 2, in auxiliary heater wiring harness
380	Earth connection 15, in main wiring harness
383	Earth connection 18, in main wiring harness
387	Earth connection 22, in main wiring harness
*	For models with rear differential lock
*2	For models with no electrically adjustable seat on driver side
*3	From June 2016
*4	Up to June 2016
*5	For models with no auxiliary coolant heater

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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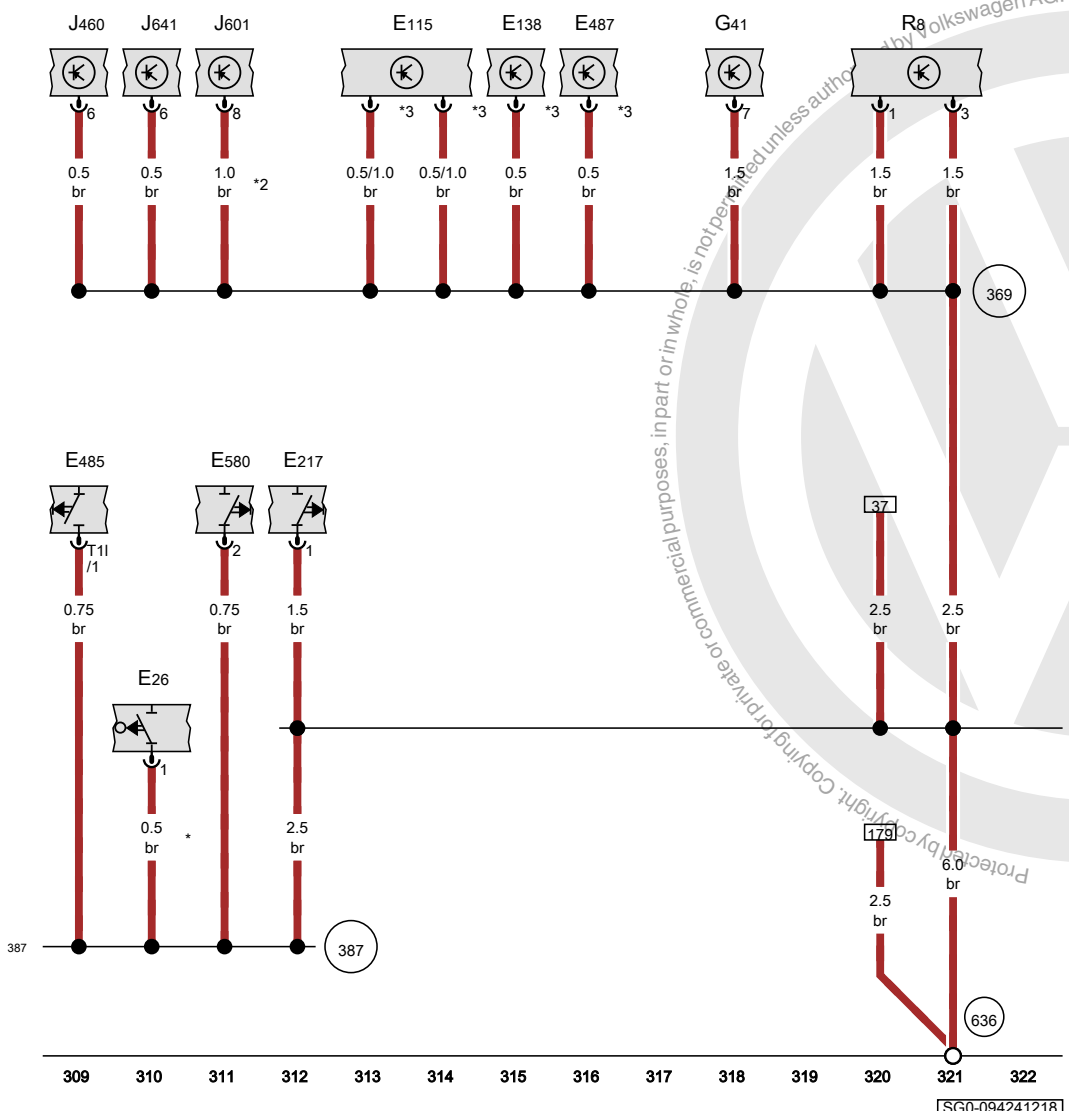
Glove compartment light switch, Interior light switch (taxi), Taxi sign switch, Alarm system off switch, Taxi alarm active button, Hands-free system button, Passive Taxi alarm button, Taximeter, Alarm system relay 1, Taxi alarm remote control, control unit, Alarm horn relay, Two-way radio



E26	Glove compartment light switch	
E115	Interior light switch (taxi)	
E138	Taxi sign switch	
E217	Alarm system off switch	
E485	Taxi alarm active button	
E487	Hands-free system button	
E580	Passive Taxi alarm button	
G41	Taximeter	
J460	Alarm system relay 1	
J601	Taxi alarm remote control, control unit	
J641	Alarm horn relay	
R8	Two-way radio	
T1l	1-pin connector, colourless	
366	Earth connection 1, in main wiring harness	
369	Earth connection 4, in main wiring harness	
387	Earth connection 22, in main wiring harness	
636	Earth point, onboard supply control unit	
*	According to equipment	
*2	Up to November 2016	
*3	see applicable current flow diagram	

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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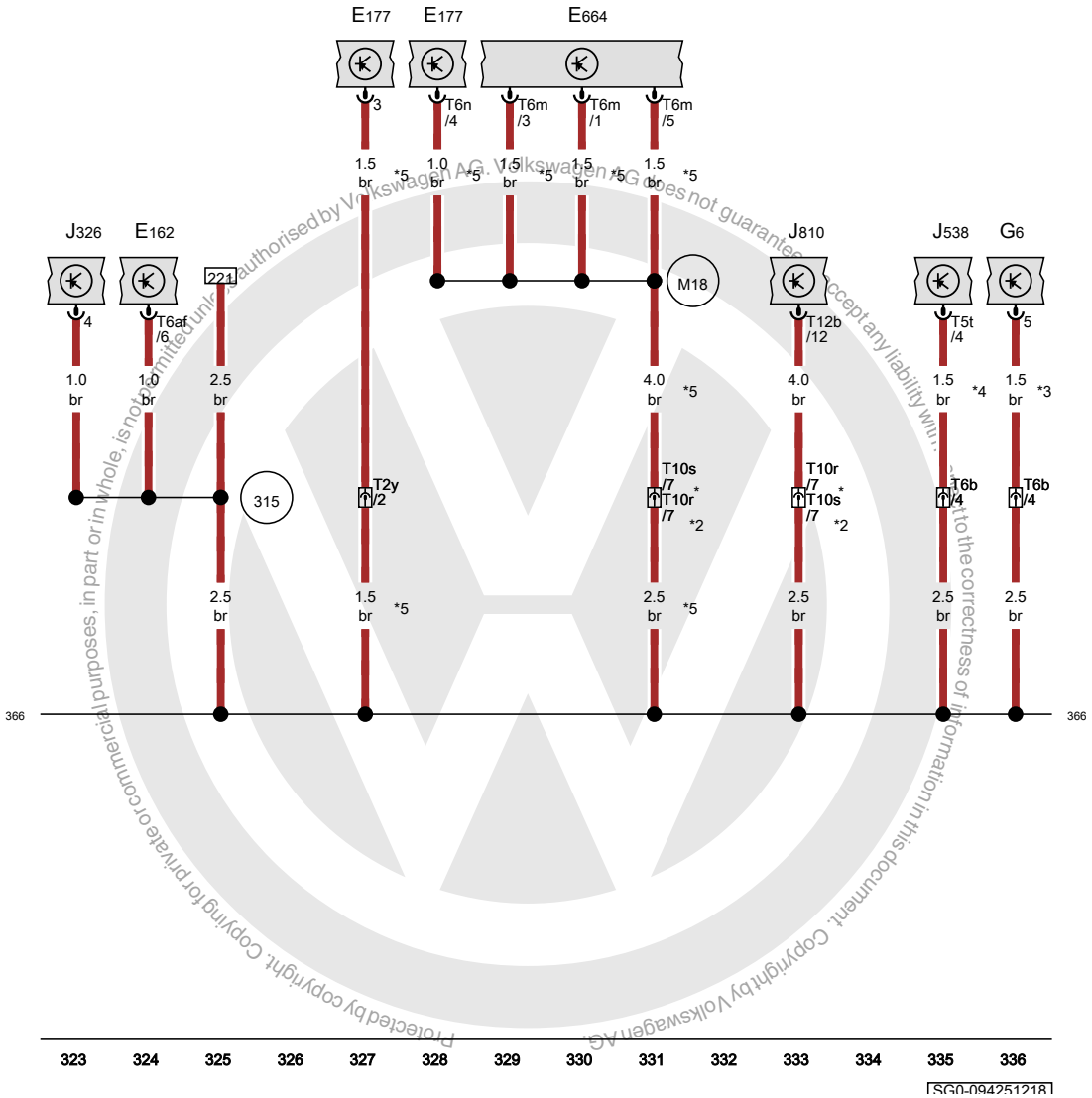
Rotating light switch, Front passenger seat lumbar support adjustment switch, Switch module for front passenger seat, Fuel system pressurisation pump, Rotating light relay, Fuel pump control unit, Driver seat adjustment control unit



E162	Rotating light switch
E177	Front passenger seat lumbar support adjustment switch
E664	Switch module for front passenger seat
G6	Fuel system pressurisation pump
J326	Rotating light relay
J538	Fuel pump control unit
J810	Driver seat adjustment control unit
T2y	2-pin connector, black, under front passenger seat
T5t	5-pin connector, black
T6af	6-pin connector, grey
T6b	6-pin connector, black, on fuel tank
T6m	6-pin connector, black
T6n	6-pin connector, black
T10r	10-pin connector, black, under seat on front left
T10s	10-pin connector, black, under seat on front right
T12b	12-pin connector, black
315	Earth connection, in rotating light wiring harness
366	Earth connection 1, in main wiring harness
M18	Connection 1, in front passenger seat adjustment wiring harness
*	For left-hand drive models
*2	For right-hand drive models
*3	For models with diesel engine
*4	For models with petrol engine
*5	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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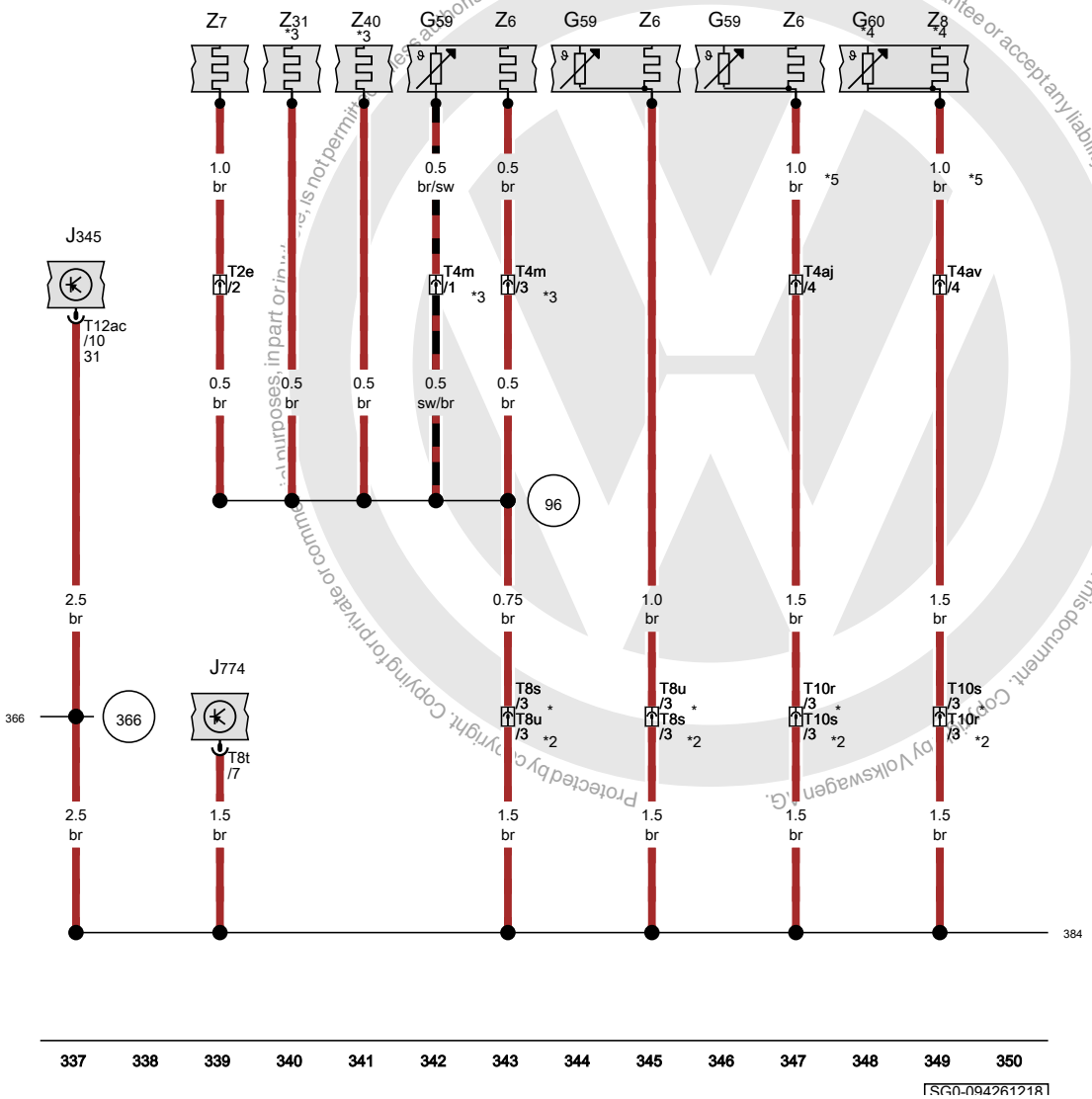
Trailer detector control unit, Heated front seats control unit, Heated seat cushion for driver seat, Heated backrest for driver seat, Heated seat cushion for front passenger seat, Driver seat cushion lateral support heater



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or	=	orange
rs	=	pink

G59	Driver seat temperature sensor
G60	Front passenger seat temperature sensor
J345	Trailer detector control unit
J774	Heated front seats control unit
T2e	2-pin connector, black, in driver seat
T4aj	4-pin connector, black, under driver seat
T4av	4-pin connector, black, under front passenger seat
T4m	4-pin connector, black, in driver seat
T8s	8-pin connector, black, under seat on front left
T8t	8-pin connector, black
T8u	8-pin connector, black, under seat on front right
T10r	10-pin connector, black, under seat on front left
T10s	10-pin connector, black, under seat on front right
T12ac	12-pin connector, red
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
Z8	Heated seat cushion for front passenger seat
Z31	Driver seat cushion lateral support heater
Z40	Driver seat lateral support heater 2
96	Earth connection 1, in seat heating wiring harness
366	Earth connection 1, in main wiring harness
384	Earth connection 19, in main wiring harness
*	For left-hand drive models
*2	For right-hand drive models
*3	For models with seat bolster heating
*4	For models with heated front passenger seat
*5	Wiring colour depends on equipment

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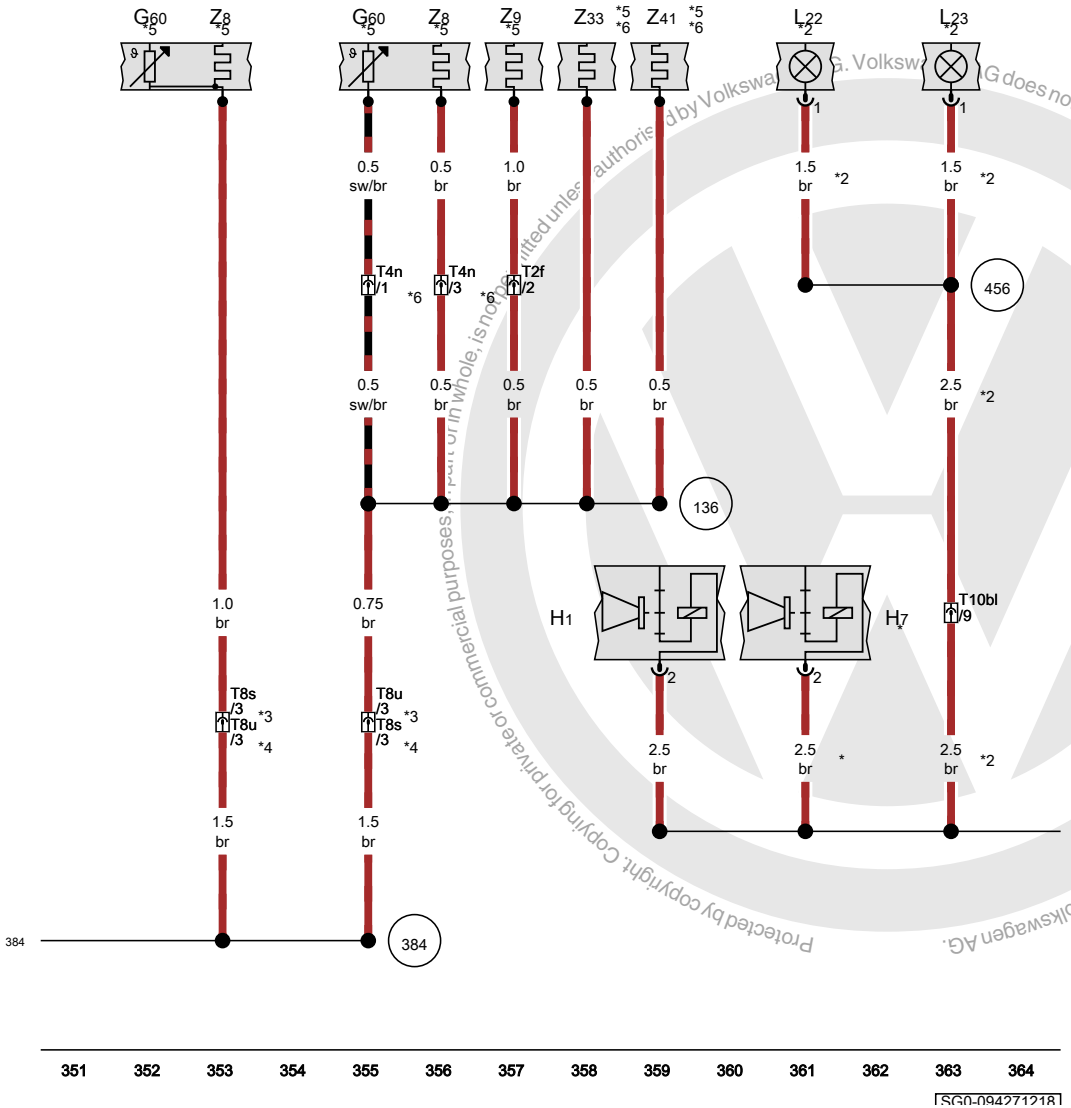
Horn or dual tone horn, Left fog light bulb, Right fog light bulb, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat, Front passenger seat lateral support heater



G60	Front passenger seat temperature sensor	
H1	Horn or dual tone horn	
H7	Bass horn	
L22	Left fog light bulb	
L23	Right fog light bulb	
T2f	2-pin connector, black, in front passenger seat	
T4n	4-pin connector, black, in front passenger seat	
T8s	8-pin connector, black, under seat on front left	
T8u	8-pin connector, black, under seat on front right	
T10bl	10-pin connector, black, near horn, dual tone horn	
Z8	Heated seat cushion for front passenger seat	
Z9	Heated backrest for front passenger seat	
Z33	Front passenger seat lateral support heater	
Z41	Front passenger seat lateral support heater 2	
136	Earth connection 2, in seat heating wiring harness	
372	Earth connection 7, in main wiring harness	
384	Earth connection 19, in main wiring harness	
456	Earth connection 1, front bumper wiring harness	
*	For models with dual tone horn	
*2	For models with fog lights	
*3	For left-hand drive models	
*4	For right-hand drive models	
*5	For models with heated front passenger seat	
*6	For models with seat bolster heating	

ws	=	white
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rt	=	red
br	=	brown
gn	=	green
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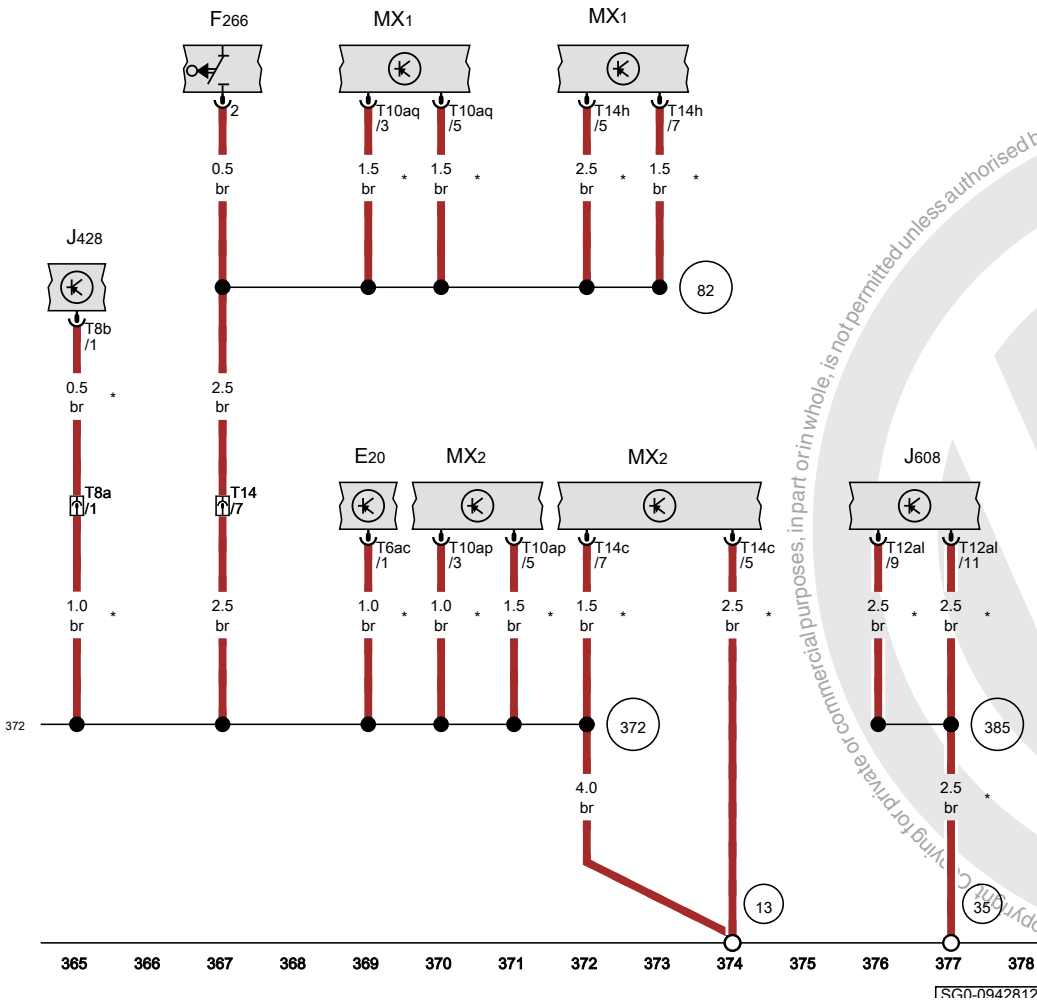
Switch and instrument illumination regulator, Bonnet contact switch, Adaptive cruise control unit, Special vehicle control unit, Front left headlight, Front right headlight

E20	Switch and instrument illumination regulator
F266	Bonnet contact switch
J428	Adaptive cruise control unit
J608	Special vehicle control unit
MX1	Front left headlight
MX2	Front right headlight
T6ac	6-pin connector, black
T8a	8-pin connector, black, near horn, dual tone horn
T8b	8-pin connector, black
T10ap	10-pin connector, black
T10aq	10-pin connector, black
T12al	12-pin connector, black, under front passenger seat
T14	14-pin connector, black, near horn, dual tone horn
T14c	14-pin connector, black
T14h	14-pin connector, black
13	Earth point, on right in engine compartment
35	Earth point, under front passenger seat
82	Earth connection 1, in front left wiring harness
372	Earth connection 7, in main wiring harness
385	Earth connection 20, in main wiring harness
*	According to equipment



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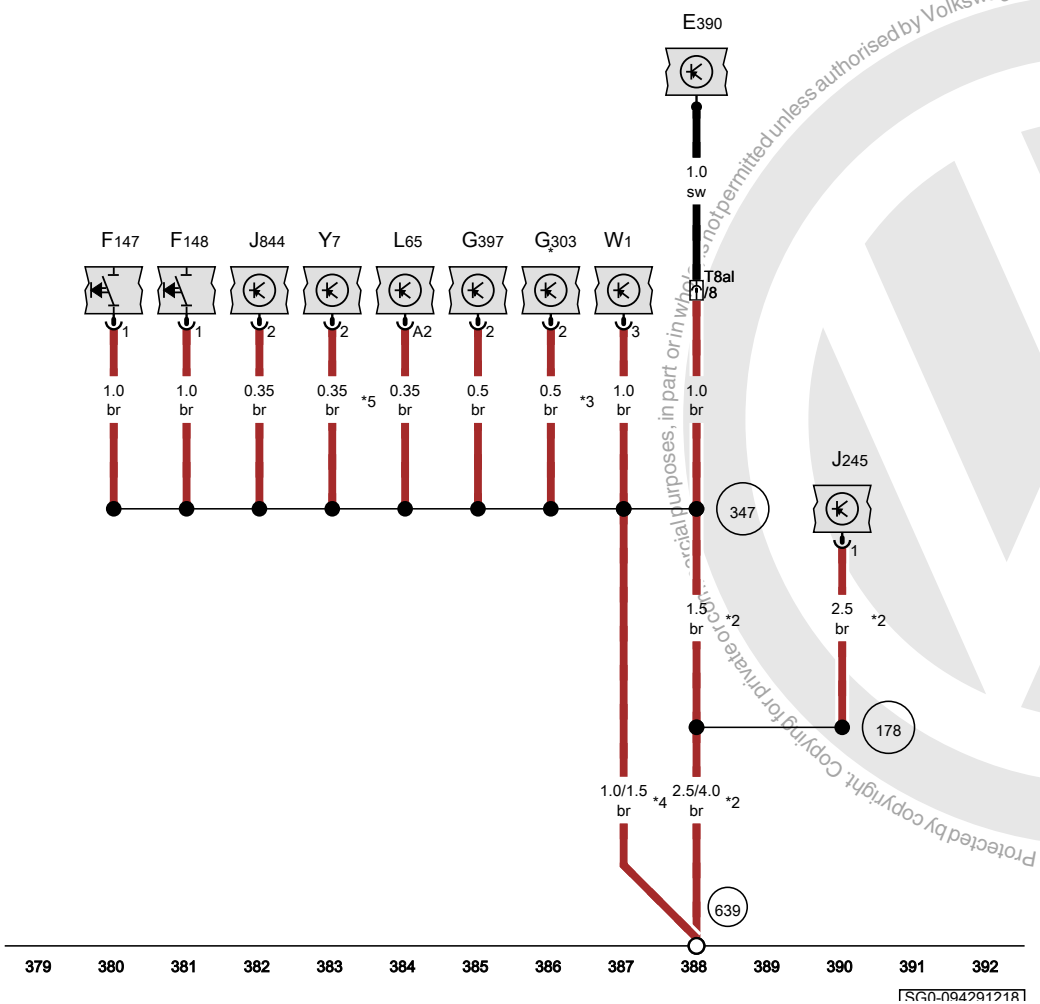
Interior lighting central switch button, Driver vanity mirror contact switch, Interior monitor send and receive module 1, Rain and light sensor, Sliding sunroof adjustment control unit, Main beam assist control unit, Sliding sunroof switch illumination bulb, Front interior light, Automatic anti-dazzle interior mirror

E390	Interior lighting central switch button
F147	Driver vanity mirror contact switch
F148	Front passenger vanity mirror contact switch
G303	Interior monitor send and receive module 1, near front interior light
G397	Rain and light sensor
J245	Sliding sunroof adjustment control unit
J844	Main beam assist control unit
L65	Sliding sunroof switch illumination bulb
T8al	8-pin connector, black, near front interior light
W1	Front interior light
Y7	Automatic anti-dazzle interior mirror
178	Earth connection, in sliding sunroof wiring harness
347	Earth connection, in roof wiring harness
639	Earth point, left A-pillar
*	For models with anti-theft alarm system and tow-away protection
*2	For models with sliding/tilting sunroof
*3	For models with anti-theft alarm system
*4	For models with no sliding/tilting sunroof
*5	For models with no overhead view camera



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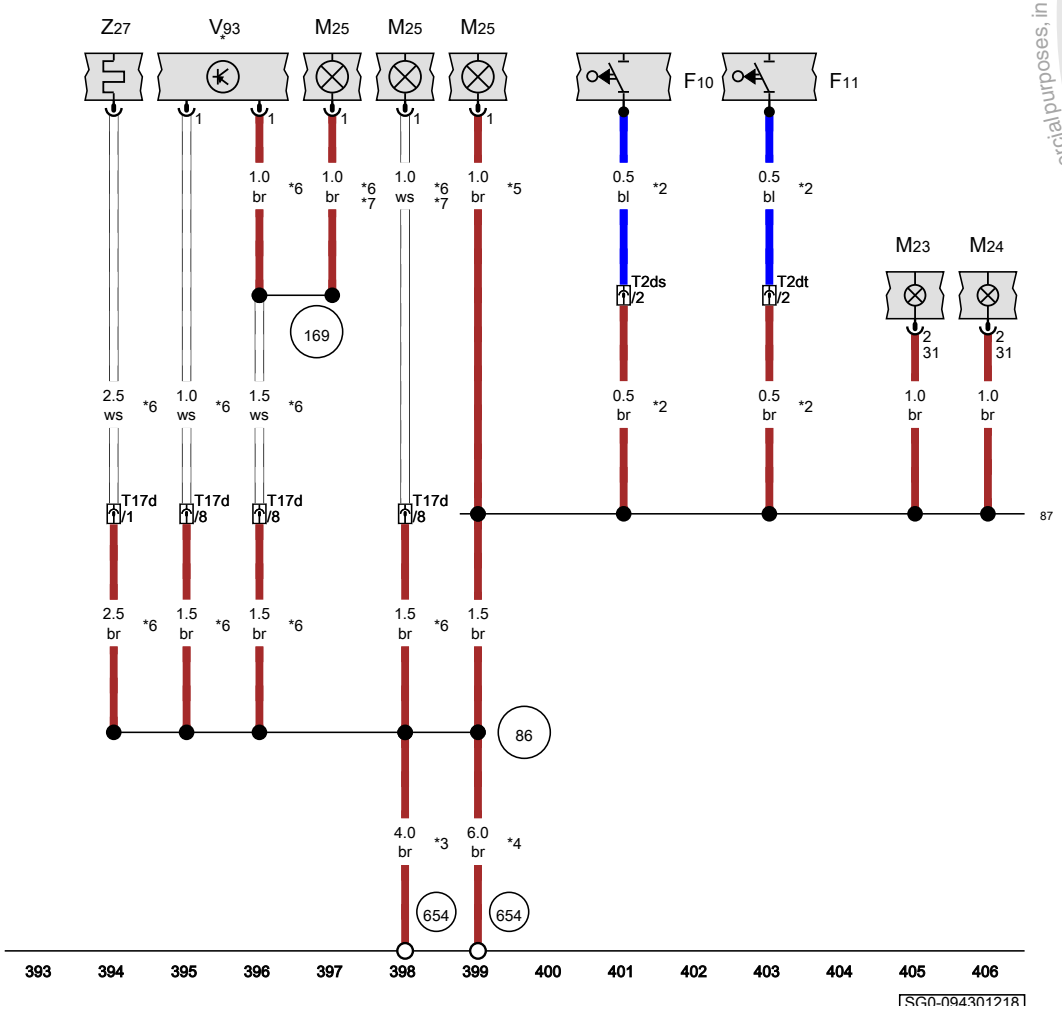
Rear left door contact switch, Rear right door contact switch, Left roof mounted turn signal bulb, Right roof mounted turn signal bulb, High-level brake light bulb, Rear right wing door window wiper motor, Heated rear window in right wing door

F10	Rear left door contact switch
F11	Rear right door contact switch
M23	Left roof mounted turn signal bulb
M24	Right roof mounted turn signal bulb
M25	High-level brake light bulb
T2ds	2-pin connector, black, on left C-pillar
T2dt	2-pin connector, black, on right C-pillar
T17d	17-pin connector, black, behind right D-pillar trim
V93	Rear right wing door window wiper motor
Z27	Heated rear window in right wing door
86	Earth connection 1, in rear wiring harness
87	Earth connection 2, in rear wiring harness
169	Earth connection, in rear right wing door wiring harness
654	Earth point, on right D-pillar
*	For models with rear window wiper
*2	For models with manual sliding door and with no anti-theft alarm system/electric sliding door/power latching system
*3	For models with no electric sliding doors/power latching system
*4	For models with electric sliding door/power latching system
*5	For models with high roof
*6	For models with wing doors
*7	For models with flat roof



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ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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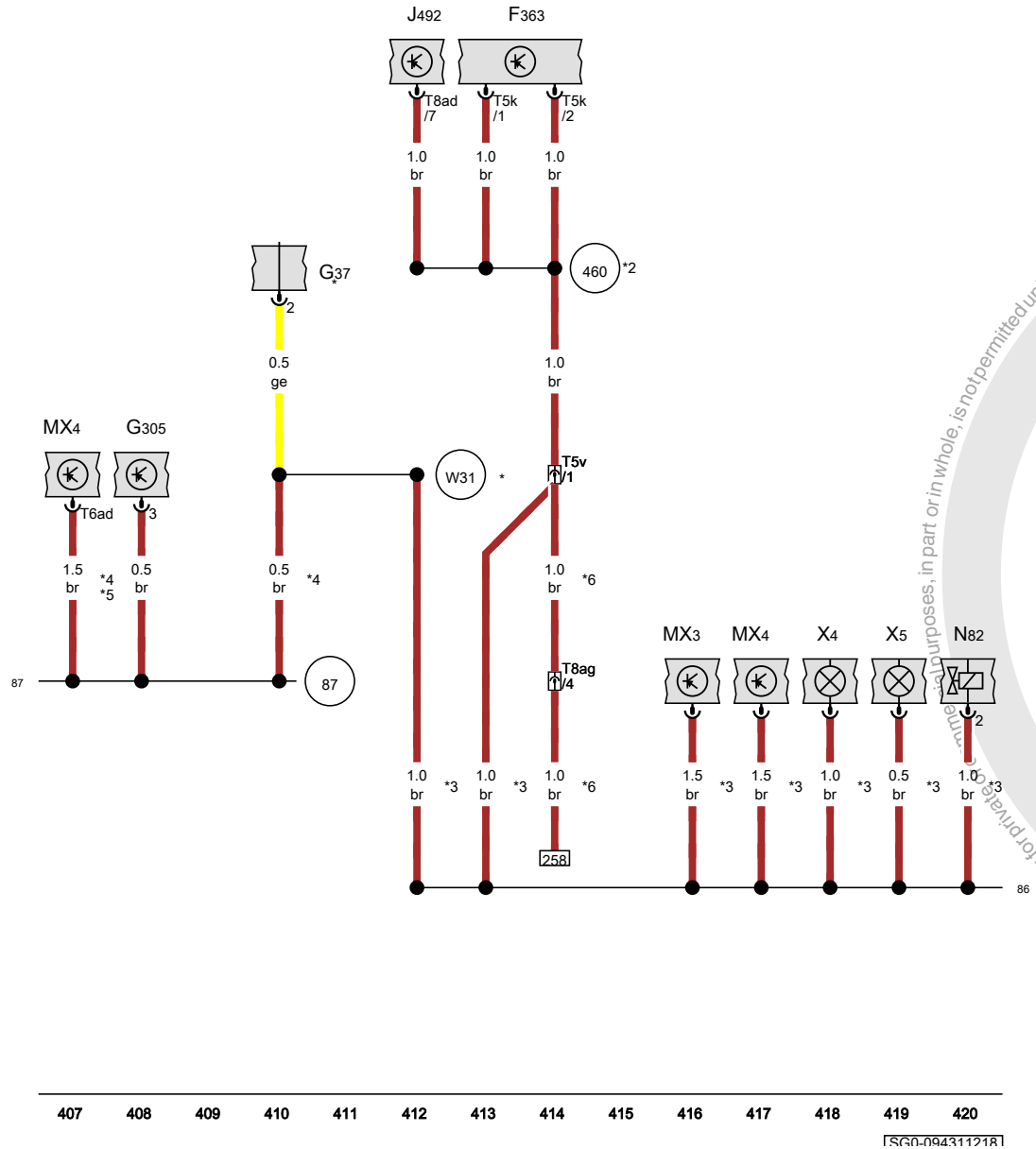
Vacuum switch for rear differential lock, Rear right brake pad wear sender, Interior monitor send and receive module 2, All-wheel drive control unit, Left tail light cluster, Right tail light cluster, Coolant shut-off valve, Left number plate light



F363	Vacuum switch for rear differential lock
G37	Rear right brake pad wear sender
G305	Interior monitor send and receive module 2, on rear roof module
J492	All-wheel drive control unit
MX3	Left tail light cluster
MX4	Right tail light cluster
N82	Coolant shut-off valve
T5k	5-pin connector, black
T5v	5-pin connector, black
T6ad	6-pin connector, black
T8ad	8-pin connector, black
T8ag	8-pin connector, black, behind lower section of left D-pillar trim
X4	Left number plate light
X5	Right number plate light
86	Earth connection 1, in rear wiring harness
87	Earth connection 2, in rear wiring harness
460	Earth connection 1 in all-wheel drive wiring harness
W31	Connection 1 (brake pad wear indicator), in rear wiring harness
*	For models with brake pad wear indicator
*2	For models with rear differential lock
*3	For models with double cab/dropside
*4	Not for models with double cab/ dropside
*5	see applicable current flow diagram for tail light clusters
*6	For Multivan, panel van and Kombi models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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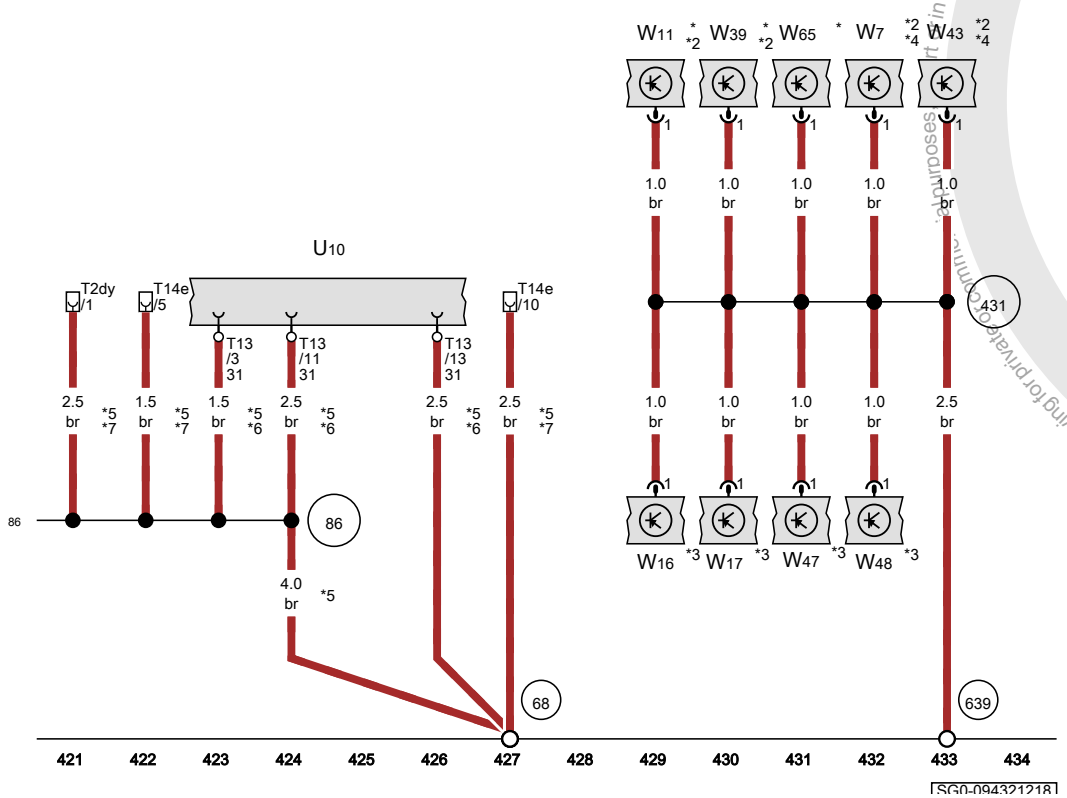
Trailer socket, Centre interior light, Rear left reading light, Left interior light, Right interior light, Left centre reading light, Rear interior light, Rear left interior light, Rear right interior light, Front left reading light

T2dy	2-pin connector, black, on number plate light
T13	13-pin connector, black
T14e	14-pin connector, black, on number plate light
U10	Trailer socket
W7	Centre interior light
W11	Rear left reading light
W16	Left interior light
W17	Right interior light
W39	Left centre reading light
W43	Rear interior light
W47	Rear left interior light
W48	Rear right interior light
W65	Front left reading light
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
431	Earth connection 2, in roof wiring harness
639	Earth point, left A-pillar
*	For Kombi models
*2	According to equipment
*3	For Multivan
*4	For panel van and Kombi models
*5	For models with double cab/dropside
*6	For models with trailer socket
*7	For models with preparation for trailer coupling



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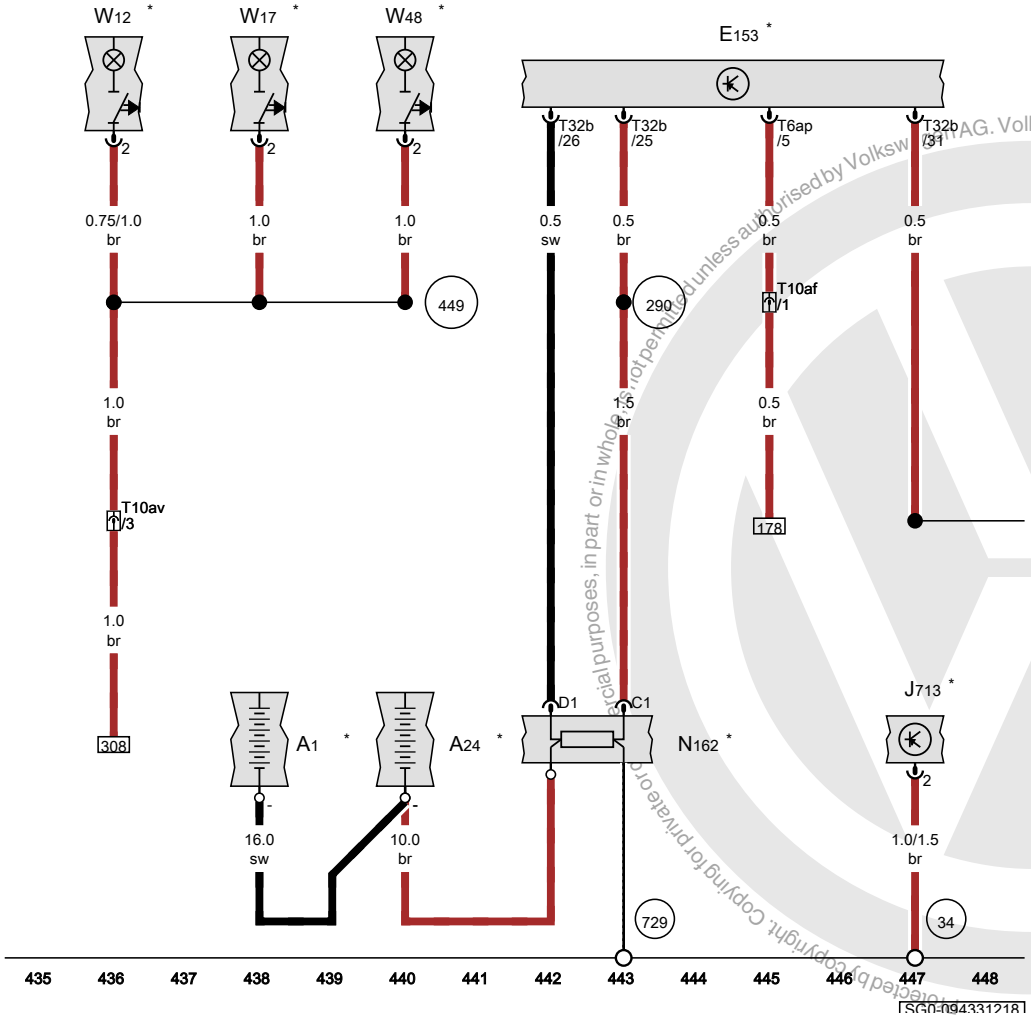
Second battery, Battery for special vehicle, Operating and display unit for camping equipment, Second battery charging circuit relay, Battery charge control measuring resistor, Rear right reading light, Right interior light, Rear right interior light

A1	Second battery
A24	Battery for special vehicle
E153	Operating and display unit for camping equipment
J713	Second battery charging circuit relay
N162	Battery charge control measuring resistor
T6ap	6-pin connector, black
T10af	10-pin connector, blue, in left A-pillar coupling station
T10av	10-pin connector, brown, under seat on front right
T32b	32-pin connector, black
W12	Rear right reading light, in right D-pillar
W17	Right interior light, on upper section of right B-pillar
W48	Rear right interior light, on right C-pillar
34	Earth point, under driver seat
290	Earth connection 1, in second battery wiring harness
449	Earth connection 2, in Camper wiring harness
729	Earth point, on left rear wheel housing
1200	Earth connection 4, in Camper wiring harness
*	For Camper, not for Camper Beach



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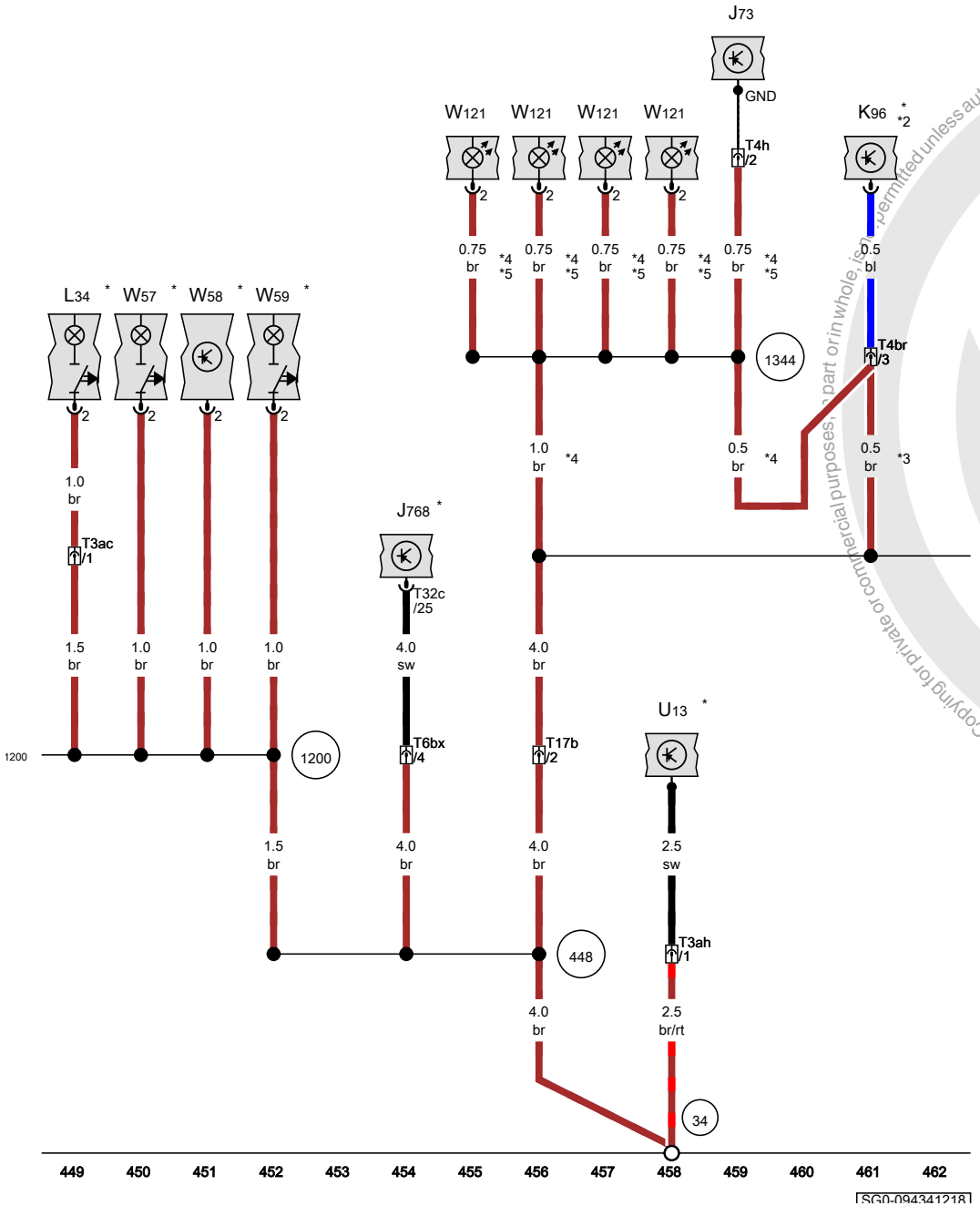
Light control relay, Roof hydraulics control unit, Warning lamp, Map reading light bulb, DC/AC converter with socket, 12 V - 230 V, Kitchenette light 1, Kitchenette light 2, Kitchenette light 3, Kitchenette light 4



J73	Light control relay, in cupboard, front, right, top
J768	Roof hydraulics control unit
K96	Warning lamp, rear, in cupboard
L34	Map reading light bulb
T3ac	3-pin connector, colourless, near map reading lamp
T3ah	3-pin connector, black, on DC/AC converter
T4br	4-pin connector, black, in cupboard, rear, left
T4h	4-pin connector, black, in cupboard, front, right, top
T6bx	6-pin connector, black, near roof hydraulics control unit
T17b	17-pin connector, black, in cupboard, bottom
T32c	32-pin connector, black
U13	DC/AC converter with socket, 12 V - 230 V, on left B-pillar
W57	Kitchenette light 1, on upper section of left B-pillar
W58	Kitchenette light 2
W59	Kitchenette light 3, on left C-pillar
W121	Kitchenette light 4, in cupboard, front
34	Earth point, under driver seat
448	Earth connection 1, in Camper wiring harness
450	Earth connection 3, in Camper wiring harness
1200	Earth connection 4, in Camper wiring harness
1344	Earth connection 5, in Camper wiring harness
*	For Camper, not for Camper Beach
*2	Up to January 2016
*3	Up to June 2017
*4	From June 2017
*5	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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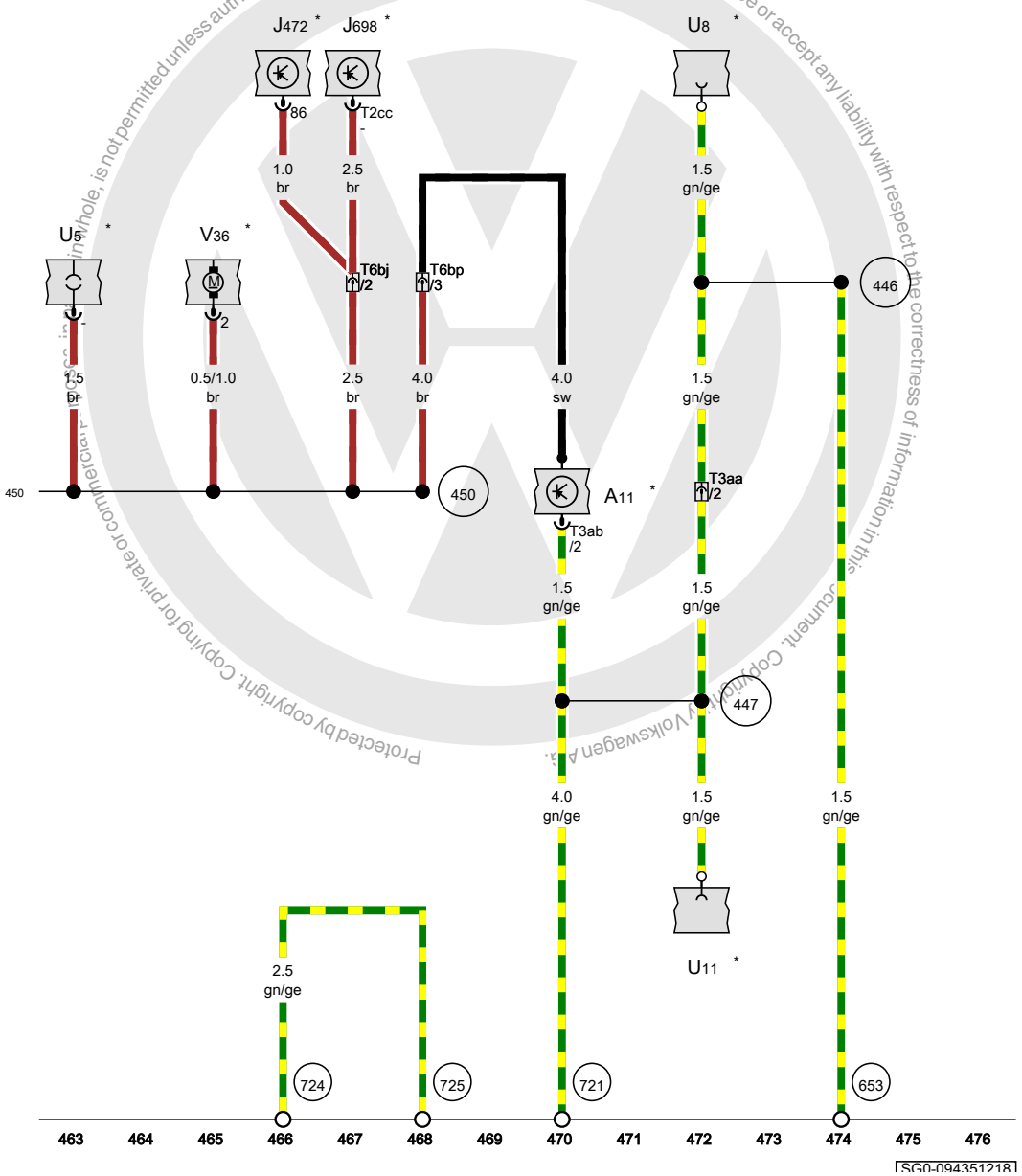

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Onboard charging unit, Refrigerator compressor relay, Refrigerator box, 12 V socket, Exterior socket, 230 V, 110 V, Interior socket, 230 V, 110 V, Coolant pump

A11	Onboard charging unit, in cupboard, in battery box
J472	Refrigerator compressor relay
J698	Refrigerator box
T2cc	2-pin connector, black
T3aa	3-pin connector, white, near left D-pillar
T3ab	3-pin connector, black
T6bj	6-pin connector, black, near refrigerator box
T6bp	6-pin connector, grey, in cupboard, in battery box
U5	12 V socket, near sink
U8	Exterior socket, 230 V, 110 V, in rear left side panel
U11	Interior socket, 230 V, 110 V, near sink
V36	Coolant pump
446	Earth conductor connection 1
447	Earth conductor connection 2
450	Earth connection 3, in Camper wiring harness
653	Earth point, on left D-pillar
721	Earth point 1, for special installations
724	Earth point 4, for special installations
725	Earth point 5, for special installations
*	For Camper, not for Camper Beach

ws	=	white
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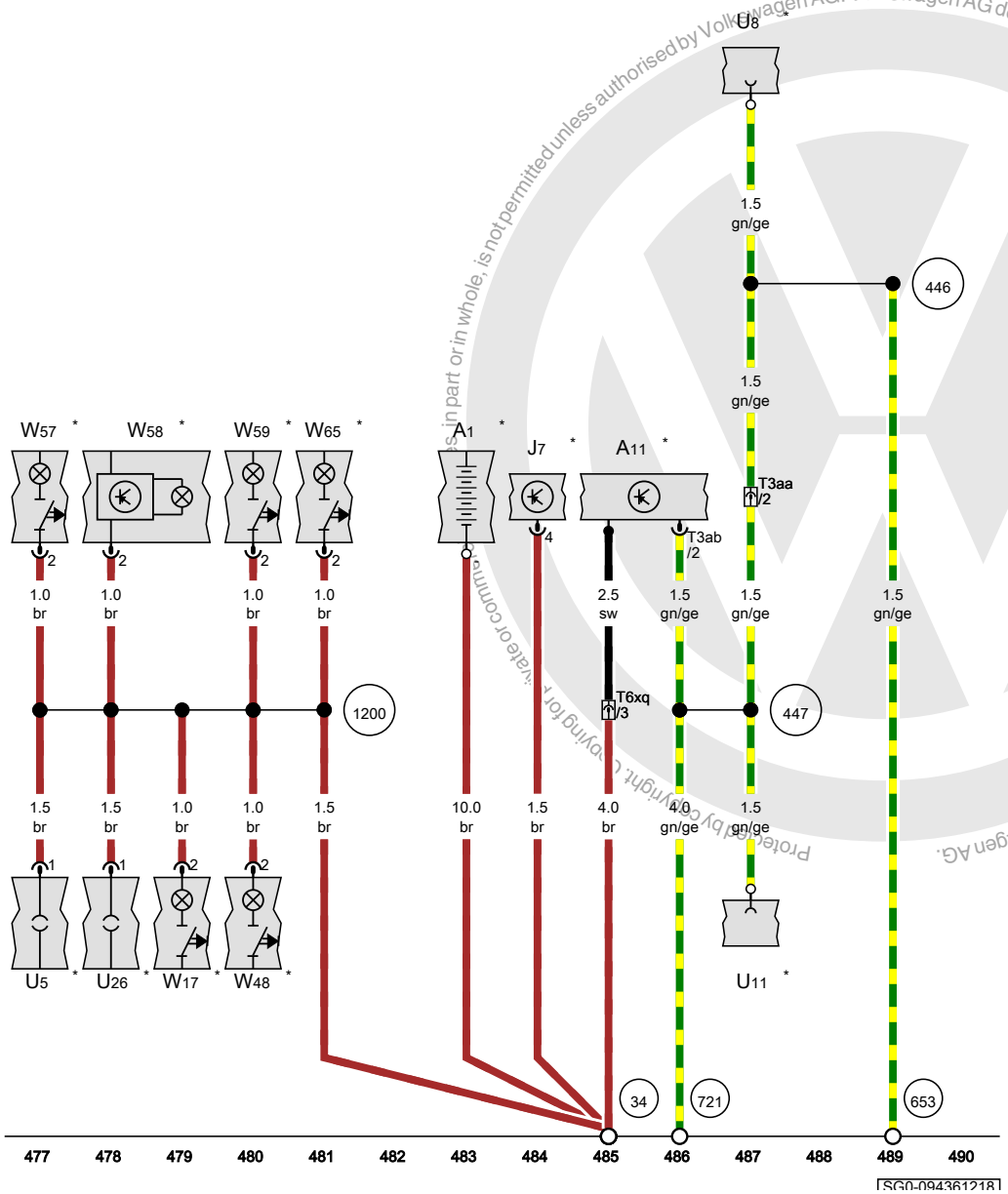
Second battery, Onboard charging unit, Battery isolation relay, 12 V socket, Exterior socket, 230 V, 110 V, Interior socket, 230 V, 110 V, 12 V socket 5, Right interior light, Rear right interior light, Kitchenette light 1, Kitchenette light 2, Kitchenette light 3, Front left reading light



A1	Second battery
A11	Onboard charging unit, in rear left side panel
J7	Battery isolation relay
T3aa	3-pin connector, white, near left D-pillar
T3ab	3-pin connector, black
T6xq	6-pin connector, grey, in rear left side panel
U5	12 V socket, on upper section of left B-pillar
U8	Exterior socket, 230 V, 110 V, in rear left side panel
U11	Interior socket, 230 V, 110 V, on right B-pillar
U26	12 V socket 5, on left B-pillar
W17	Right interior light, on upper section of right B-pillar
W48	Rear right interior light, on right C-pillar
W57	Kitchenette light 1, on upper section of left B-pillar
W58	Kitchenette light 2
W59	Kitchenette light 3, on left C-pillar
W65	Front left reading light, on upper section of left B-pillar
34	Earth point, under driver seat
446	Earth conductor connection 1
447	Earth conductor connection 2
653	Earth point, on left D-pillar
721	Earth point 1, for special installations
1200	Earth connection 4, in Camper wiring harness
*	For Camper Beach

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Electrically operated rear lid , (4E7),(GY1)

From January 2016

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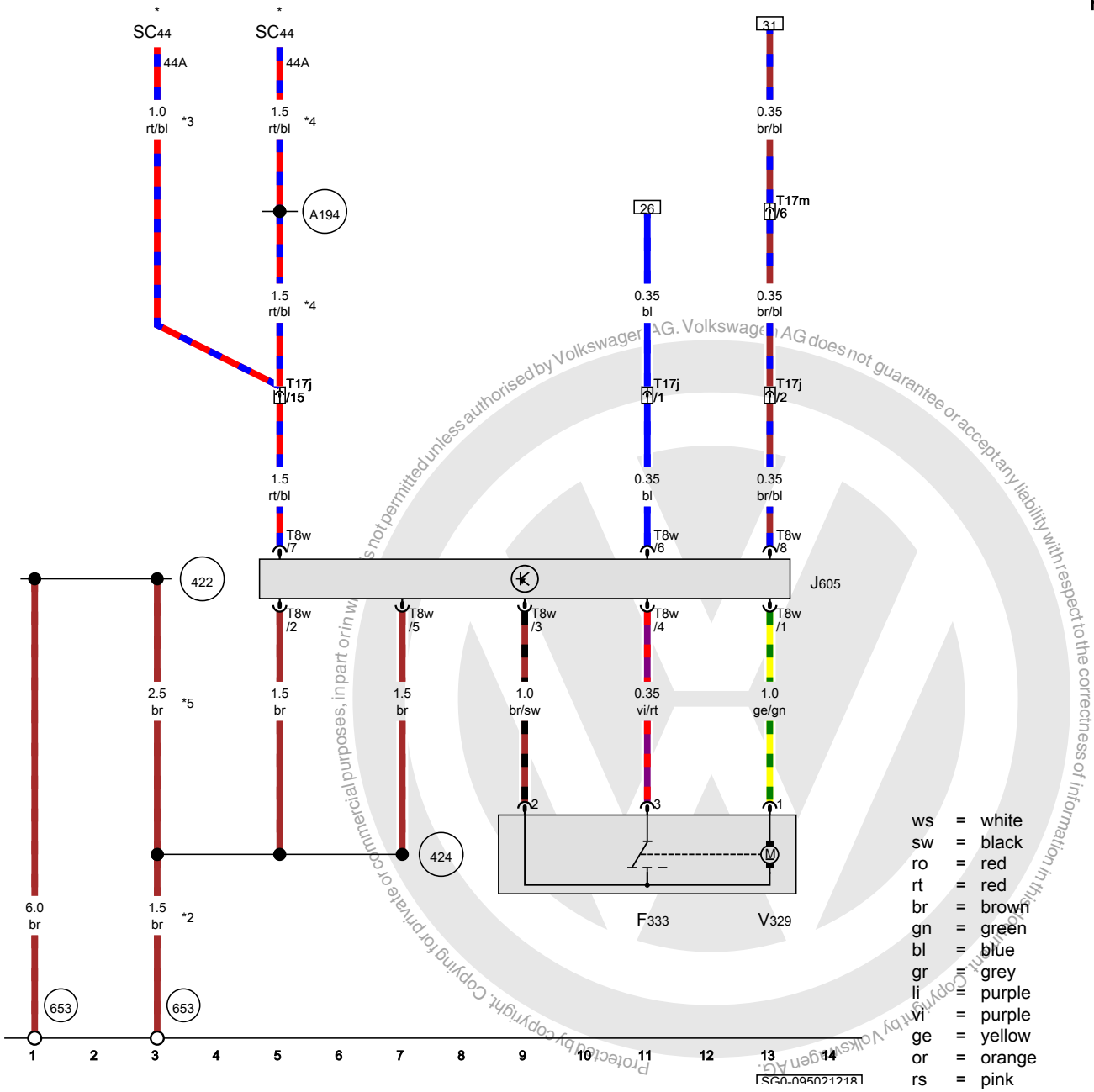
Power latching system limit switch, luggage compartment locked, Rear lid control unit, Fuse 44 on fuse holder C, Power latching motor



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

F333	Power latching system limit switch, luggage compartment locked
J605	Rear lid control unit
SC44	Fuse 44 on fuse holder C
T8w	8-pin connector, black
T17j	17-pin connector, white, under seat on front left
T17m	17-pin connector, red, in left A-pillar coupling station
V329	Power latching motor
422	Earth connection 1, in left rear end wiring harness
424	Earth connection 2, in left rear end wiring harness
653	Earth point, on left D-pillar
A194	Connection (convenience system) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with no power latching system in sliding door
*3	For models with no central locking
*4	For models with central locking
*5	For models with power latching system in right sliding door or left and right

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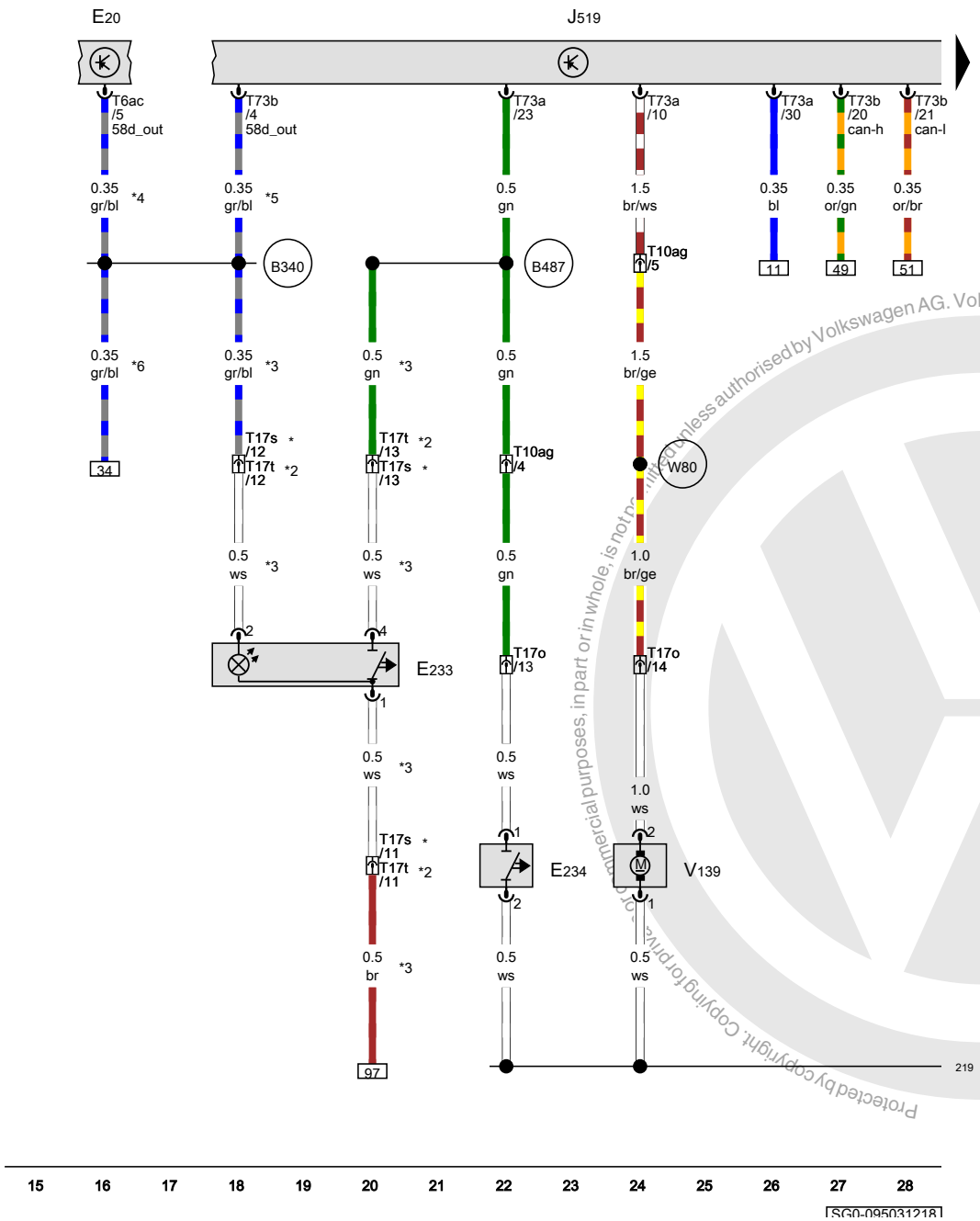
Rear lid remote release button, Rear lid handle release button, Onboard supply control unit, Rear lid release motor



E20	Switch and instrument illumination regulator
E233	Rear lid remote release button
E234	Rear lid handle release button
J519	Onboard supply control unit
T6ac	6-pin connector, black
T10ag	10-pin connector, brown, in left A-pillar coupling station
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
T17s	17-pin connector, red, on left A-pillar
T17t	17-pin connector, red, on right A-pillar
T73a	73-pin connector, black
T73b	73-pin connector, white
V139	Rear lid release motor
219	Earth connection 2, in rear lid wiring harness
B340	Connection 1 (58d), in main wiring harness
B487	Connection 23, in main wiring harness
W80	Connection 2 in rear wiring harness
*	For left-hand drive models
*2	For right-hand drive models
*3	According to equipment
*4	For models with dimmable instrument illumination
*5	For models with no dimmable instrument illumination
*6	Up to November 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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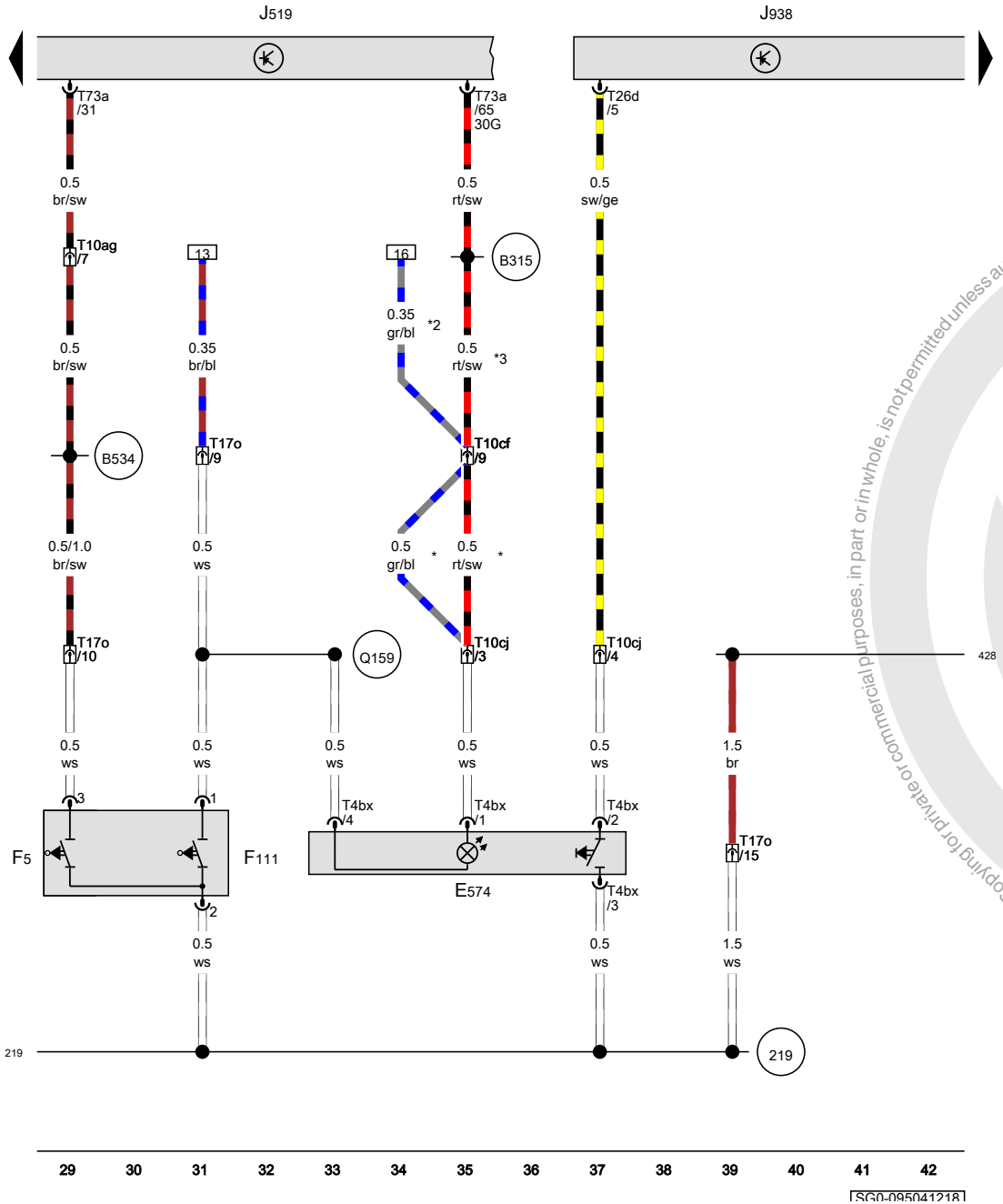

Rear lid closure button, Luggage compartment light switch, Rear lid contact switch, Onboard supply control unit, Rear lid power opening control unit

E574	Rear lid closure button
F5	Luggage compartment light switch
F111	Rear lid contact switch
J519	Onboard supply control unit
J938	Rear lid power opening control unit
T4bx	4-pin connector, black
T10ag	10-pin connector, brown, in left A-pillar coupling station
T10cf	10-pin connector, green, under seat on front right
T10cj	10-pin connector, black, behind right D-pillar trim
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
T26d	26-pin connector, black
T73a	73-pin connector, black
219	Earth connection 2, in rear lid wiring harness
428	Earth connection 4, in left rear end wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B534	Connection 1 (luggage compartment switch), in roof wiring harness
Q159	Connection 3, in rear lid wiring harness
*	Wiring colour depends on equipment
*2	Up to November 2016
*3	From November 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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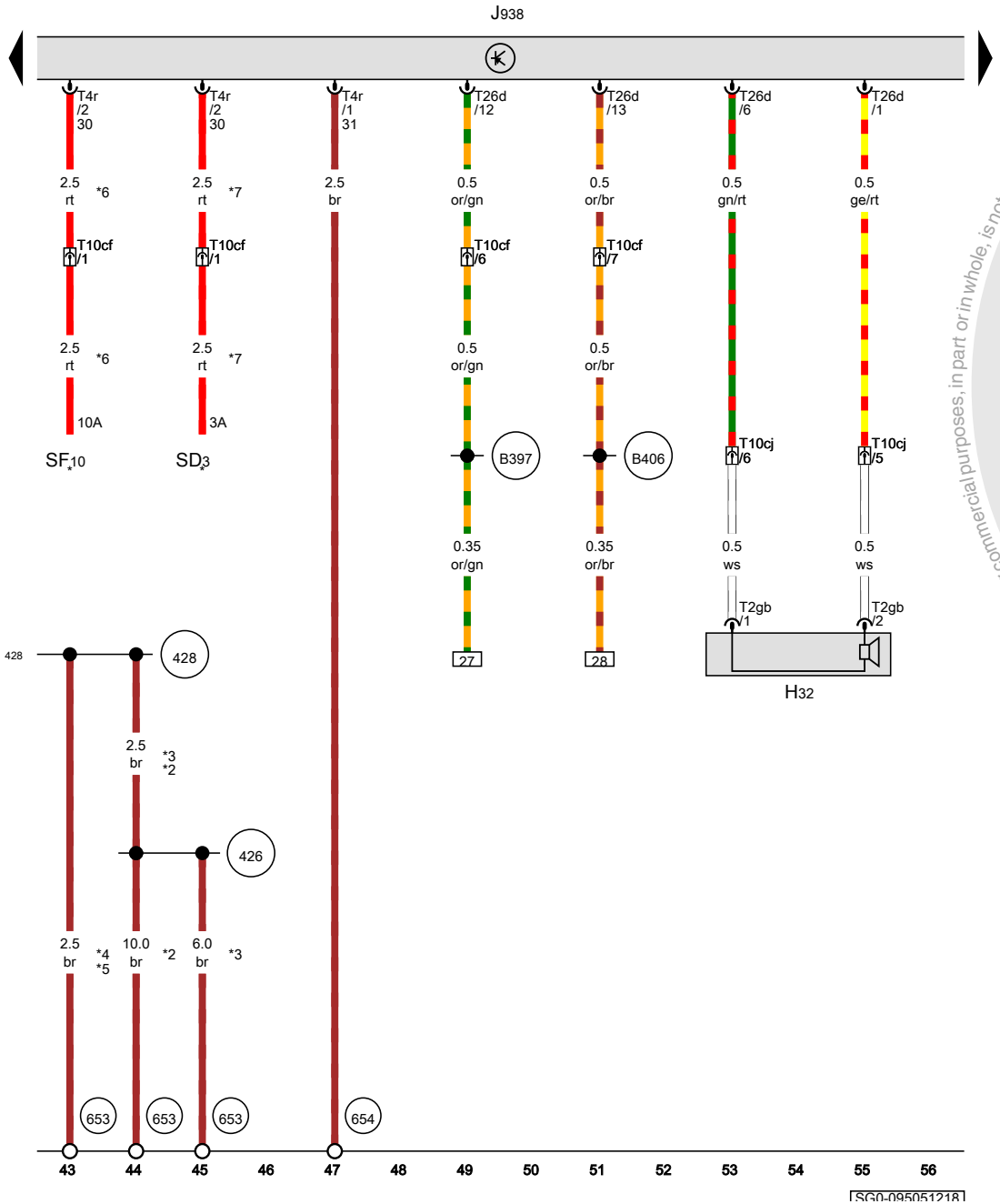
Rear lid warning buzzer, Rear lid power opening control unit, Fuse 3 on fuse holder D, Fuse 10 in fuse holder F



H32	Rear lid warning buzzer
J938	Rear lid power opening control unit
SD3	Fuse 3 on fuse holder D
SF10	Fuse 10 in fuse holder F
T2gb	2-pin connector, black
T4r	4-pin connector, black
T10cf	10-pin connector, green, under seat on front right
T10cj	10-pin connector, black, behind right D-pillar trim
T26d	26-pin connector, black
426	Earth connection 3, in left rear end wiring harness
428	Earth connection 4, in left rear end wiring harness
653	Earth point, on left D-pillar
654	Earth point, on right D-pillar
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with trailer socket and heated rear window
*3	For models with trailer socket or heated rear window
*4	For models with no trailer socket
*5	For models with no heated rear window
*6	For left-hand drive models
*7	For right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
or	=	orange
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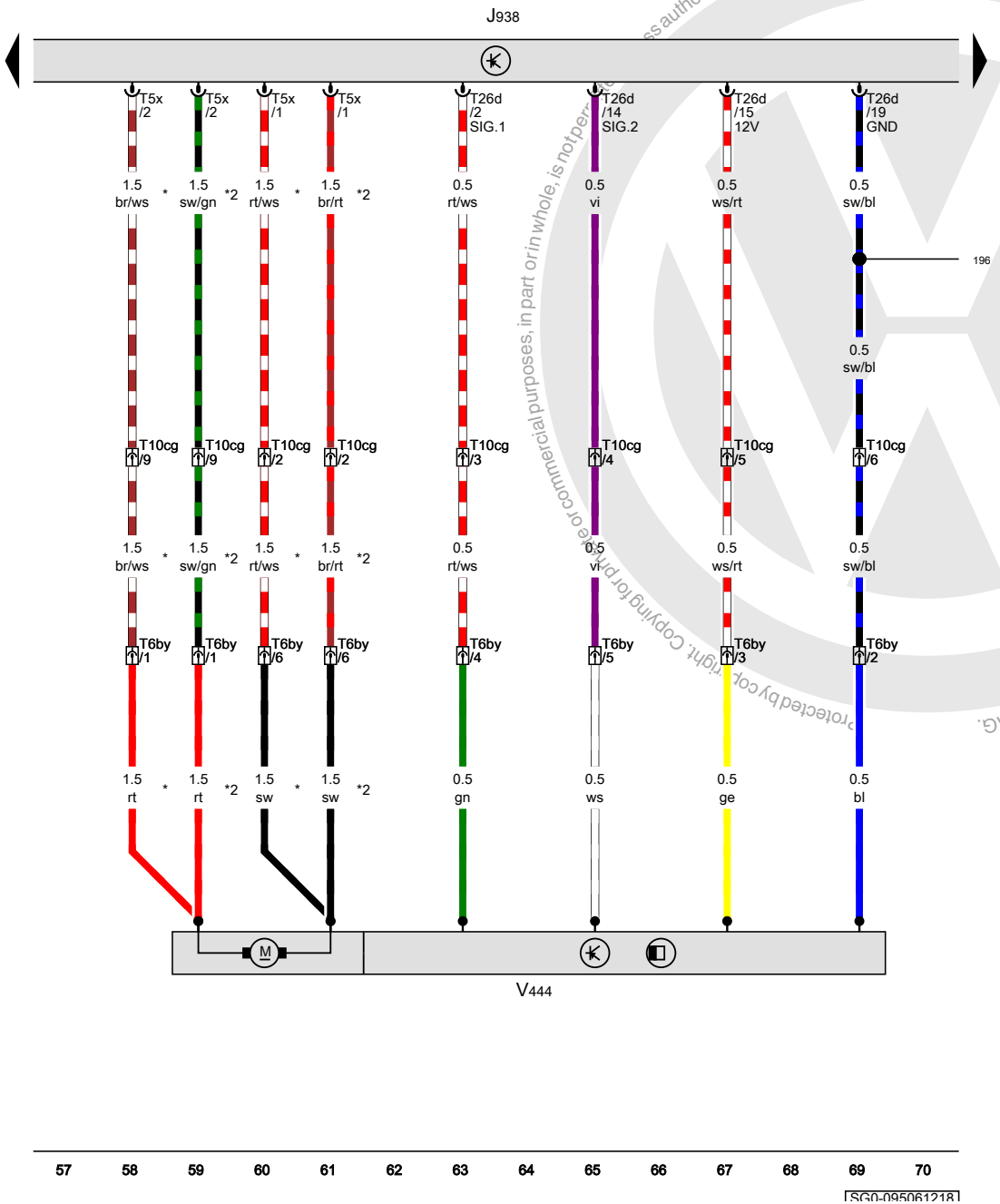

Rear lid power opening control unit, Motor 1 for rear lid

J938	Rear lid power opening control unit
T5x	5-pin connector, black
T6by	6-pin connector, black, near left tail light cluster
T10cg	10-pin connector, black, behind right D-pillar trim, on rear right roof frame
T26d	26-pin connector, black
V444	Motor 1 for rear lid
196	Earth connection 3, in rear wiring harness
*	From November 2017
*2	Up to November 2017

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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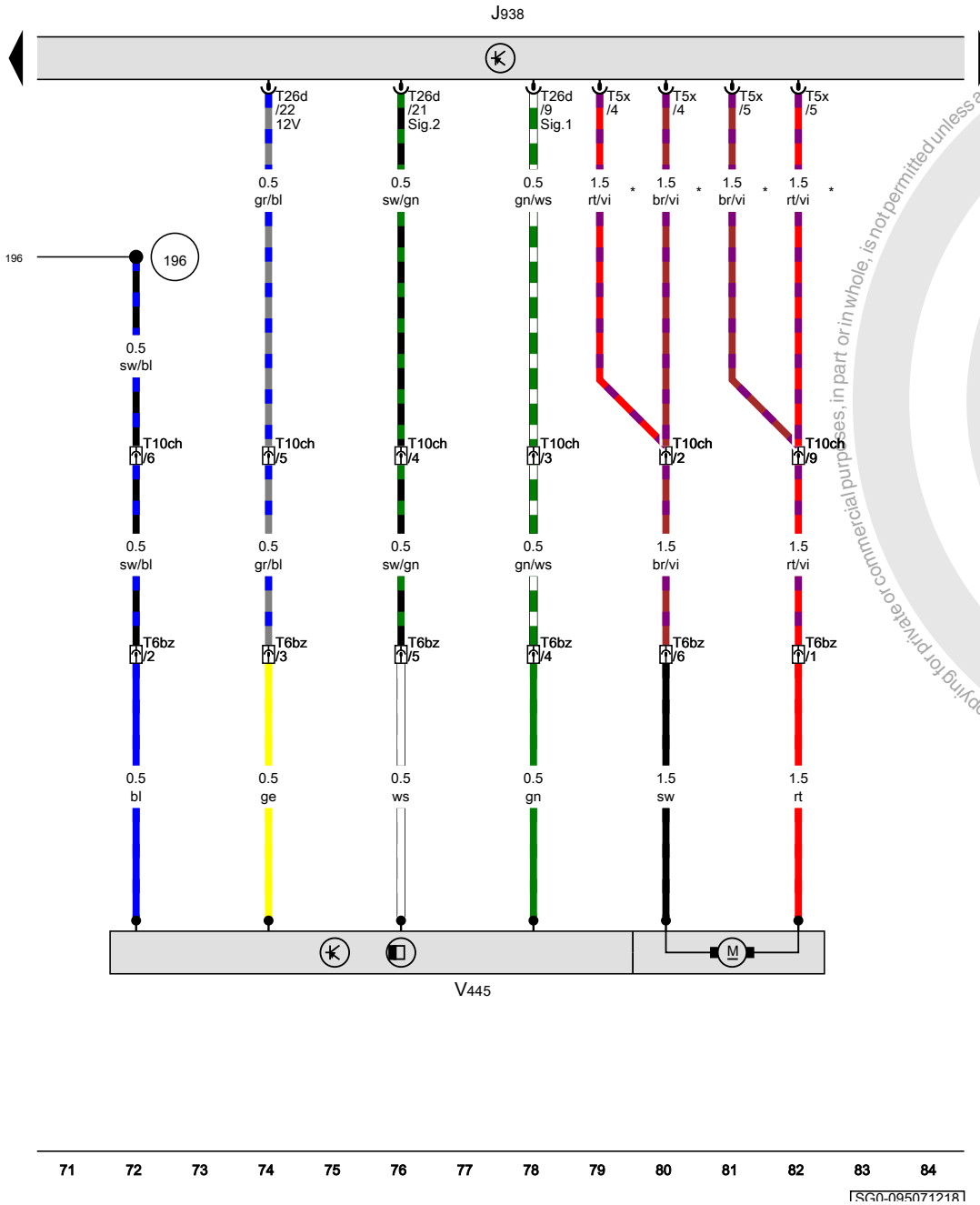
Rear lid power opening control unit, Motor 2 for rear lid



J938	Rear lid power opening control unit
T5x	5-pin connector, black
T6bz	6-pin connector, black, near right tail light cluster
T10ch	10-pin connector, black, behind right D-pillar trim
T26d	26-pin connector, black
V445	Motor 2 for rear lid
196	Earth connection 3, in rear wiring harness
*	Wiring colour depends on equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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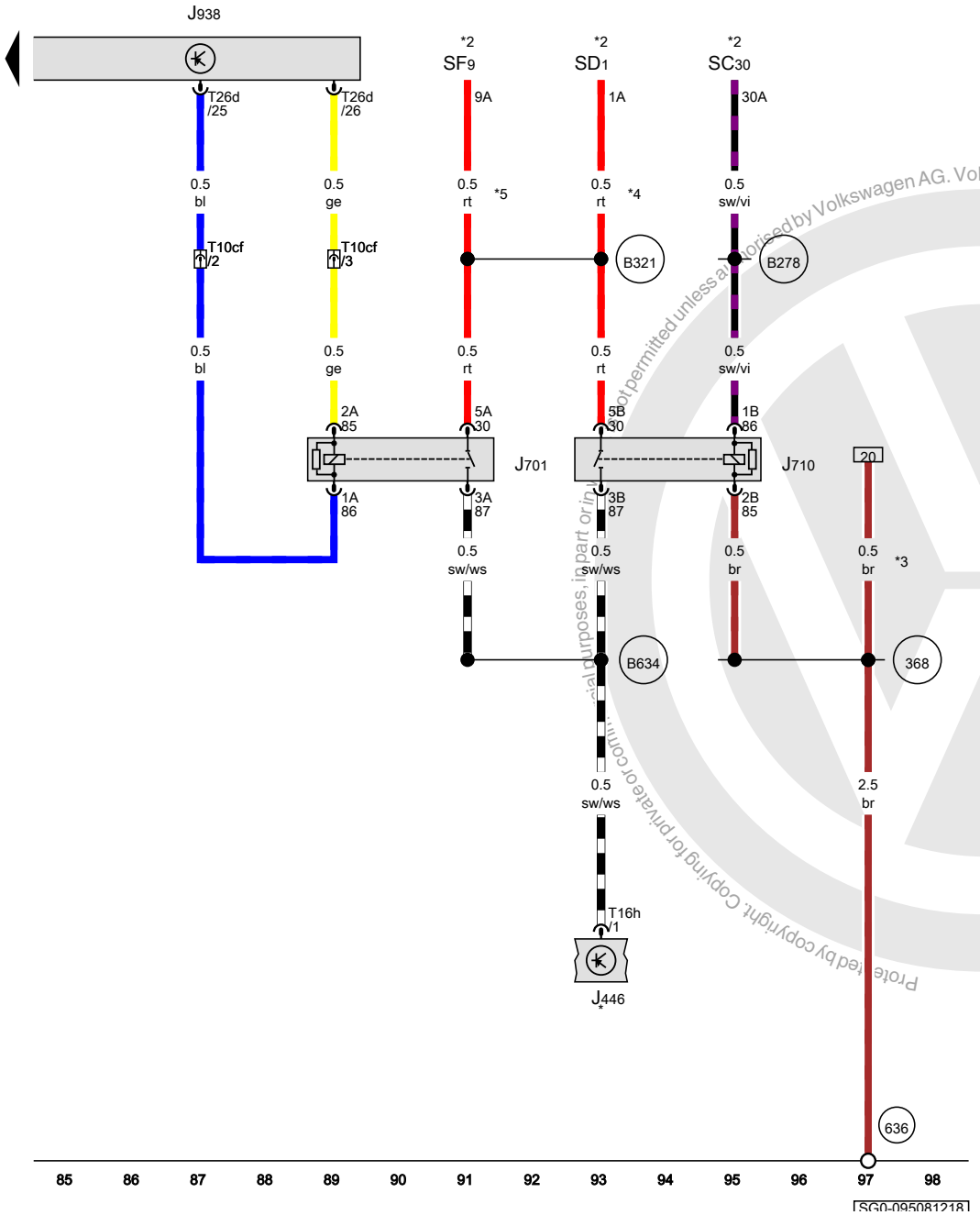

Parking aid control unit, Voltage supply relay 1, Voltage supply relay 2, Rear lid power opening control unit, Fuse 1 on fuse holder D, Fuse 9 in fuse holder F, Fuse 30 on fuse holder C

J446	Parking aid control unit
J701	Voltage supply relay 1
J710	Voltage supply relay 2
J938	Rear lid power opening control unit
SD1	Fuse 1 on fuse holder D
SF9	Fuse 9 in fuse holder F
SC30	Fuse 30 on fuse holder C
T10cf	10-pin connector, green, under seat on front right
T16h	16-pin connector, brown
T26d	26-pin connector, black
368	Earth connection 3, in main wiring harness
636	Earth point, onboard supply control unit
B278	Positive connection 2 (15a) in main wiring harness
B321	Positive connection 7 (30a) in main wiring harness
B634	Positive connection 2 (87), in main wiring harness
*	see applicable current flow diagram for parking aid (PDC)
*2	see applicable current flow diagram for fuse assignment
*3	According to equipment
*4	For right-hand drive models
*5	For left-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Convenience system, right-hand drive , (L0R)

From June 2015

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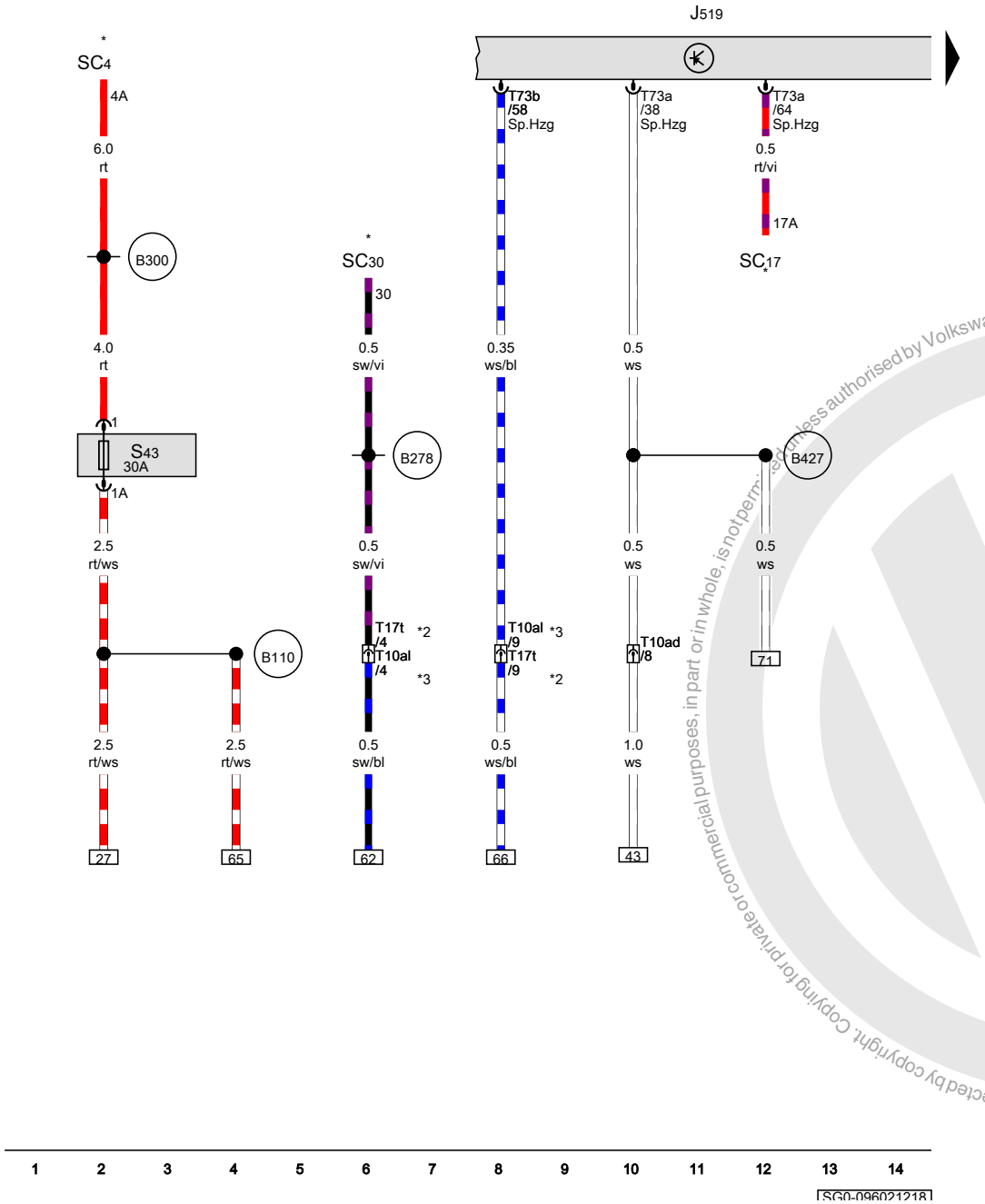
Onboard supply control unit, Fuse 17 on fuse holder C, Fuse 30 on fuse holder C, Window regulator thermal fuse



J519	Onboard supply control unit
SC4	Fuse 4 on fuse holder C
SC17	Fuse 17 on fuse holder C
SC30	Fuse 30 on fuse holder C
S43	Window regulator thermal fuse
T10ad	10-pin connector, red, on left A-pillar
T10al	10-pin connector, red, on right A-pillar
T17t	17-pin connector, red, red, on right A-pillar
T73a	73-pin connector, black
T73b	73-pin connector, white
B110	Connection (30, window regulators), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B427	Connection 1 (mirror signal), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	From January 2016
*3	Up to January 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
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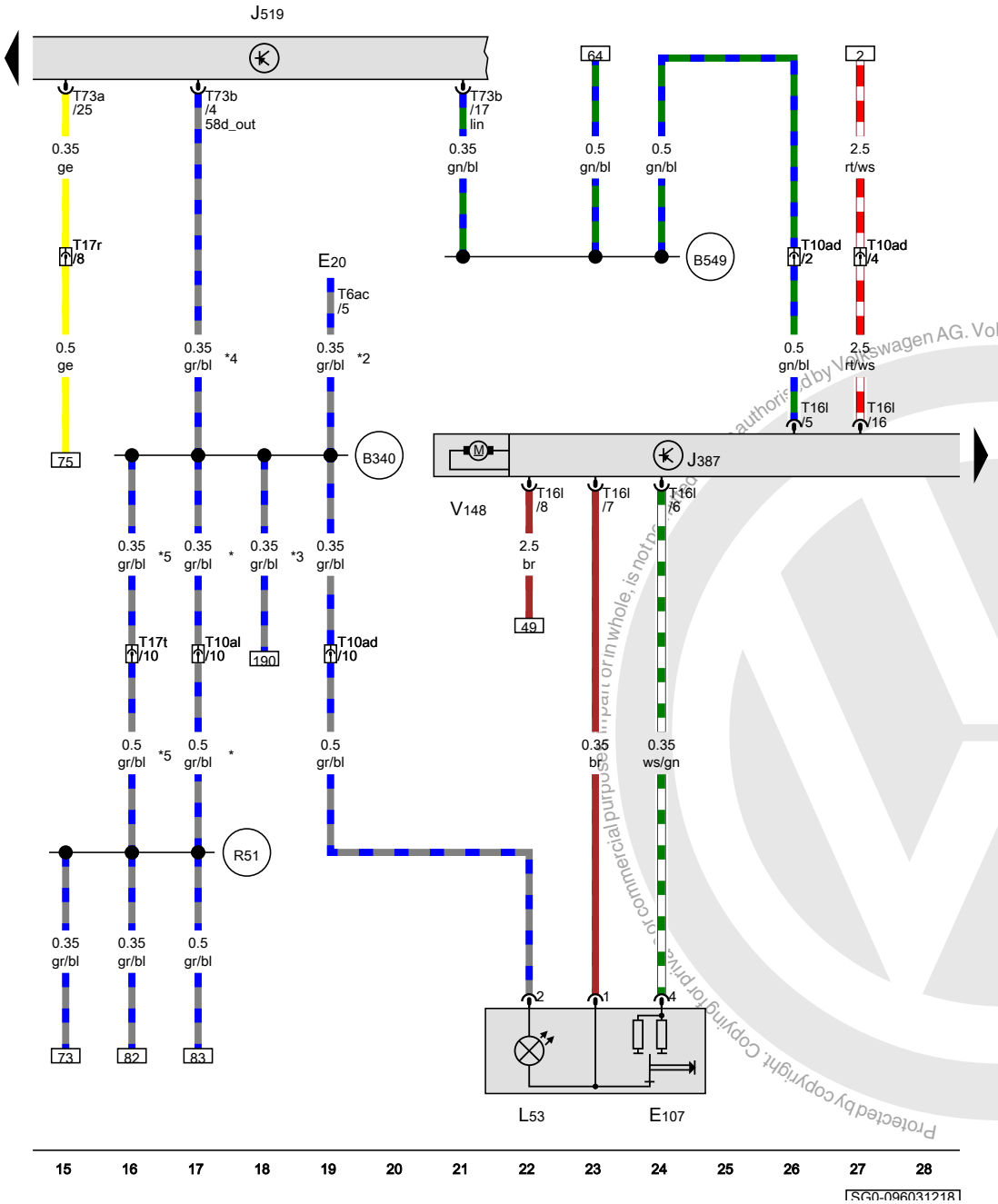

Window regulator switch in front passenger door, Front passenger door control unit, Onboard supply control unit, Front passenger side window regulator motor

E20	Switch and instrument illumination regulator
E107	Window regulator switch in front passenger door
J387	Front passenger door control unit
J519	Onboard supply control unit
L53	Window regulator switch illumination bulb
T6ac	6-pin connector, black
T10ad	10-pin connector, red, on left A-pillar
T10al	10-pin connector, red, on right A-pillar
T16l	16-pin connector, black
T17r	17-pin connector, black, on right A-pillar
T17t	17-pin connector, red, red, on right A-pillar
T73a	73-pin connector, black
T73b	73-pin connector, white
V148	Front passenger side window regulator motor
B340	Connection 1 (58d), in main wiring harness
B549	Connection 2 (LIN bus) in main wiring harness
R51	Connection (58b), in driver side door wiring harness
*	Up to January 2016
*2	For models with dimmable instrument illumination
*3	For models with no electric rear lid opener
*4	For models with no dimmable instrument illumination
*5	From January 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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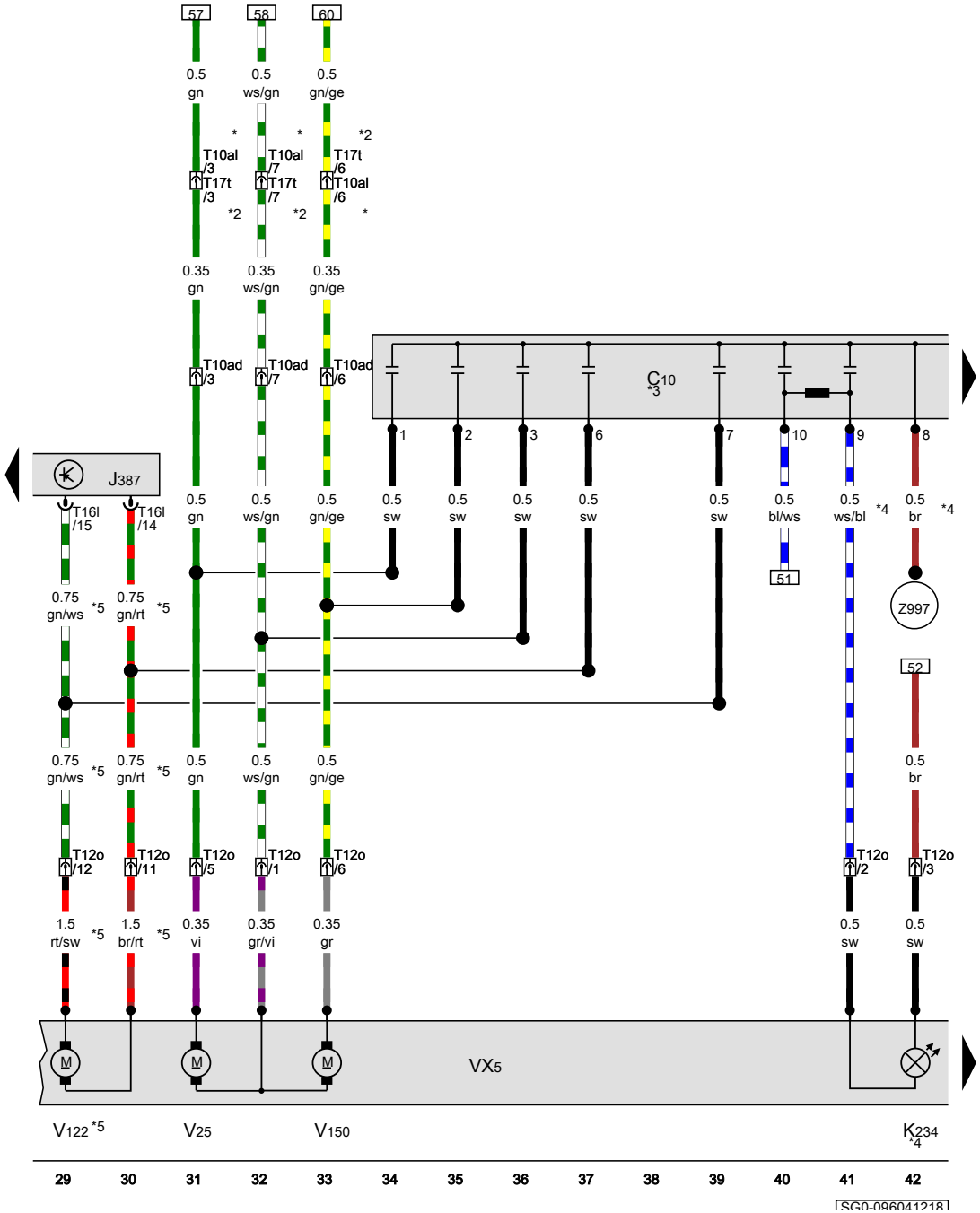

Front passenger door control unit, Lane change assist warning lamp in passenger side exterior mirror, Passenger side exterior mirror, Front passenger side fold-in mirror motor, Front passenger side mirror adjustment motor

C10	Suppression filter, in front left door
J387	Front passenger door control unit
K234	Lane change assist warning lamp in passenger side exterior mirror
T10ad	10-pin connector, red, on left A-pillar
T10al	10-pin connector, red, on right A-pillar
T12o	12-pin connector, brown, in front passenger door
T16l	16-pin connector, black
T17t	17-pin connector, red, red, on right A-pillar
VX5	Passenger side exterior mirror
V25	Front passenger side mirror adjustment motor 2
V122	Front passenger side fold-in mirror motor
V150	Front passenger side mirror adjustment motor
Z997	Wiring open end
*	Up to January 2016
*2	From January 2016
*3	According to equipment
*4	For models with lane change assist
*5	For models with electric folding exterior mirrors

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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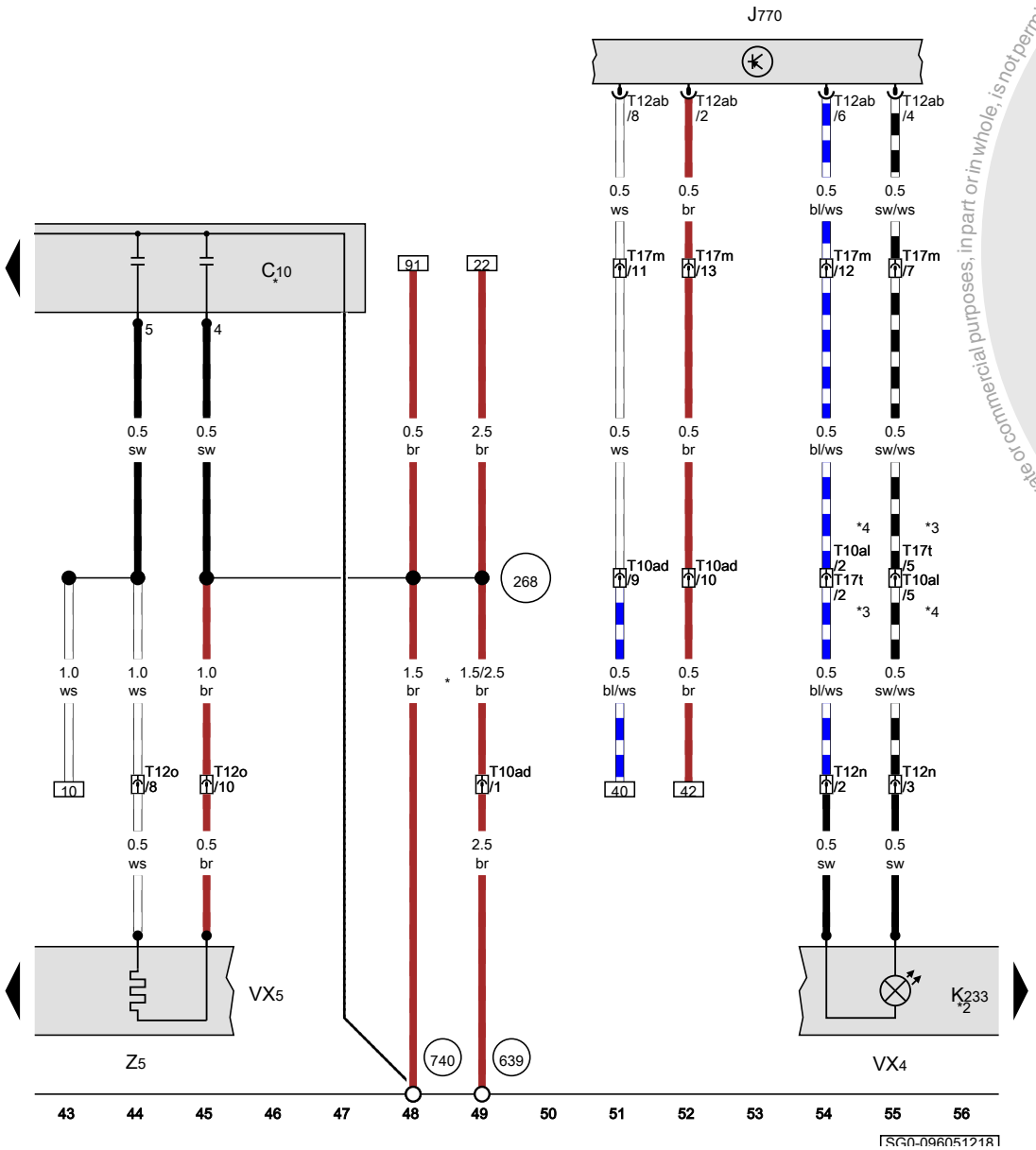

Lane change assist control unit 2, Lane change assist warning lamp in driver side exterior mirror, Driver side exterior mirror, Passenger side exterior mirror, Heated exterior mirror on passenger side

C10	Suppression filter, in front left door
J770	Lane change assist control unit 2
K233	Lane change assist warning lamp in driver side exterior mirror
T10ad	10-pin connector, red, on left A-pillar
T10al	10-pin connector, red, on right A-pillar
T12ab	12-pin connector, black
T12n	12-pin connector, brown, in driver door
T12o	12-pin connector, brown, in front passenger door
T17m	17-pin connector, red, in left A-pillar coupling station
T17t	17-pin connector, red, red, on right A-pillar
VX4	Driver side exterior mirror
VX5	Passenger side exterior mirror
Z5	Heated exterior mirror on passenger side
268	Earth connection 2, in front passenger side door wiring harness
639	Earth point, left A-pillar
740	Earth point 2 in front left door
*	According to equipment
*2	For models with lane change assist
*3	From January 2016
*4	Up to January 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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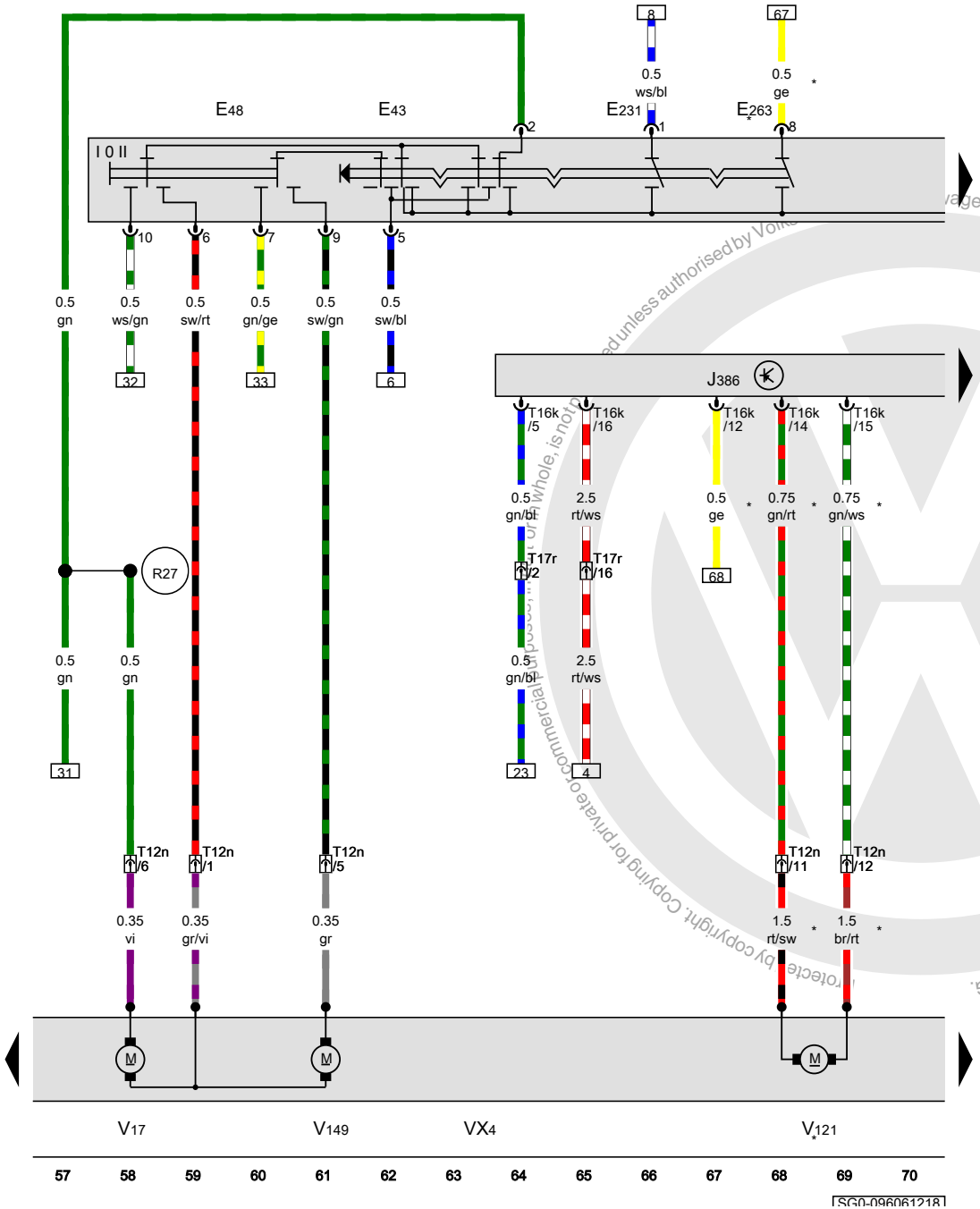

Mirror adjustment switch, Mirror adjustment changeover switch, Exterior mirror heater button, Fold-in mirror switch, Driver door control unit, Driver side exterior mirror, Driver side fold-in mirror motor, Driver side mirror adjustment motor

E43	Mirror adjustment switch
E48	Mirror adjustment changeover switch
E231	Exterior mirror heater button
E263	Fold-in mirror switch
J386	Driver door control unit
T12n	12-pin connector, brown, in driver door
T16k	16-pin connector, black
T17r	17-pin connector, black, on right A-pillar
VX4	Driver side exterior mirror
V17	Driver side mirror adjustment motor 2
V121	Driver side fold-in mirror motor
V149	Driver side mirror adjustment motor
R27	Connection (mirror adjustment), in driver door wiring harness
*	For models with electric folding exterior mirrors

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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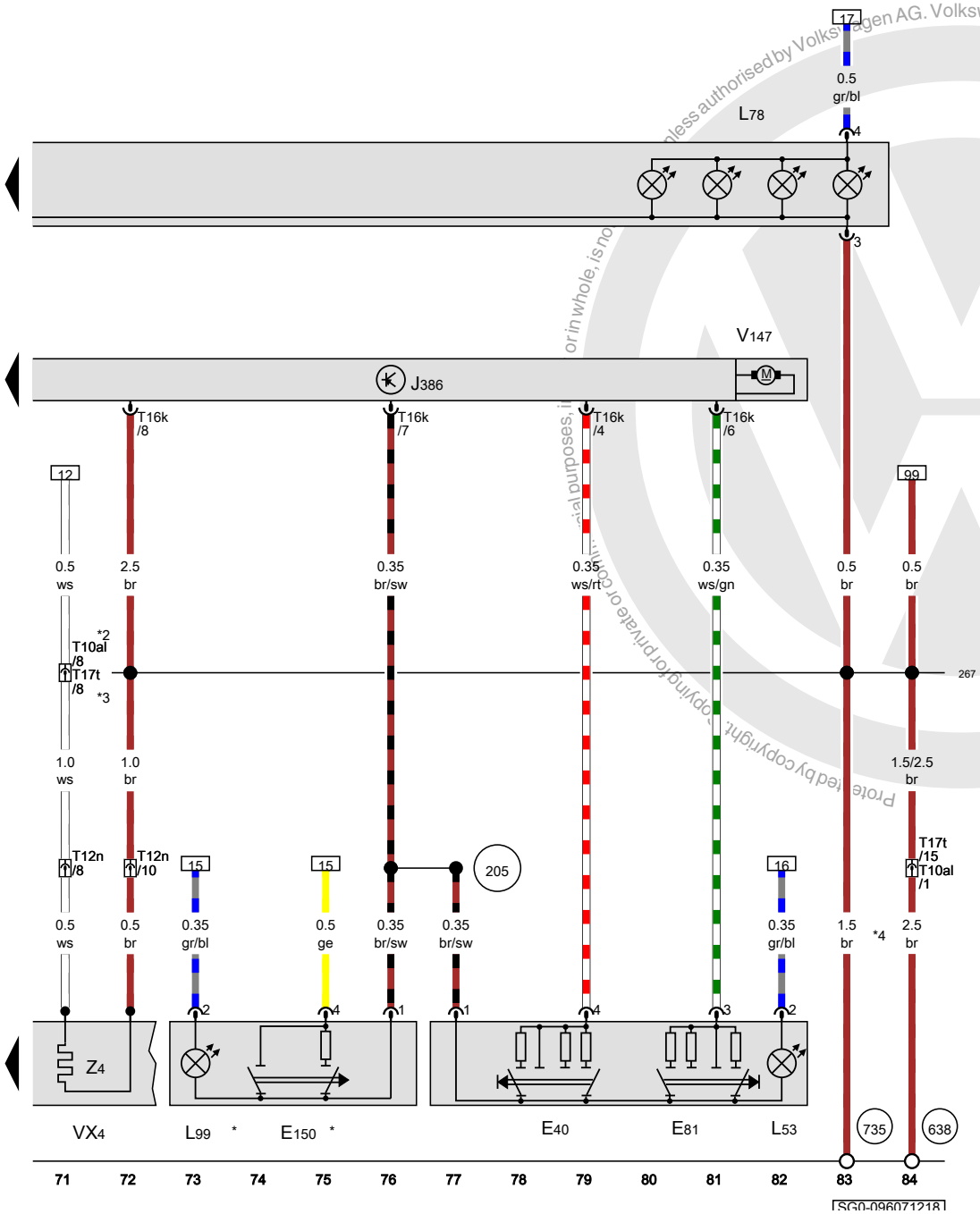

ws	=	white
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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Front left window regulator switch, Front right window regulator switch in driver door, Driver side interior locking switch, Driver door control unit, Mirror adjustment switch illumination bulb, Driver side exterior mirror, Driver side window regulator motor, Heated exterior mirror on driver side

E40	Front left window regulator switch
E81	Front right window regulator switch in driver door
E150	Driver side interior locking switch
J386	Driver door control unit
L53	Window regulator switch illumination bulb
L78	Mirror adjustment switch illumination bulb
L99	Interior lock switch illumination bulb
T10al	10-pin connector, red, on right A-pillar
T12n	12-pin connector, brown, in driver door
T16k	16-pin connector, black
T17t	17-pin connector, red, red, on right A-pillar
VX4	Driver side exterior mirror
V147	Driver side window regulator motor
Z4	Heated exterior mirror on driver side
205	Earth connection, in driver door wiring harness
267	Earth connection 2, in drive side door wiring harness
638	Earth point, on right A-pillar
735	Earth point in front right door
*	For models with interior locking switch
*2	Up to January 2016
*3	From January 2016
*4	According to equipment

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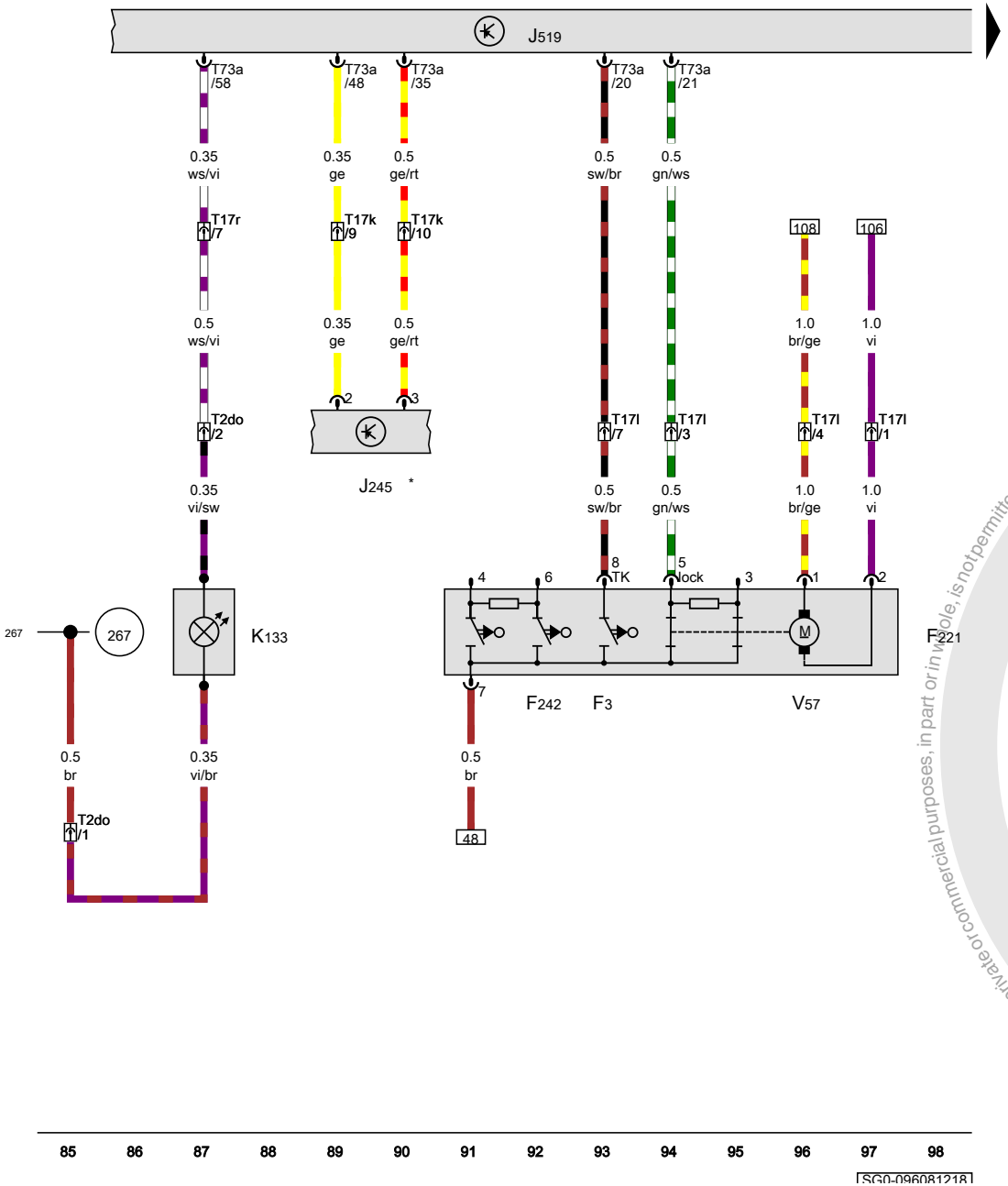

Front passenger door contact switch, Front passenger side central locking lock unit, Front passenger side contact switch in lock cylinder, Sliding sunroof adjustment control unit, Onboard supply control unit, Central locking SAFELOCK function warning lamp, Front passenger door central locking motor

F3	Front passenger door contact switch
F221	Front passenger side central locking lock unit
F242	Front passenger side contact switch in lock cylinder
J245	Sliding sunroof adjustment control unit
J519	Onboard supply control unit
K133	Central locking SAFELOCK function warning lamp
T2do	2-pin connector, black, in driver door
T17k	17-pin connector, green, in left A-pillar coupling station
T17l	17-pin connector, black, on left A-pillar
T17r	17-pin connector, black, on right A-pillar
T73a	73-pin connector, black
V57	Front passenger door central locking motor
267	Earth connection 2, in drive side door wiring harness
*	For models with sliding/tilting sunroof
*2	From January 2016
*3	Up to January 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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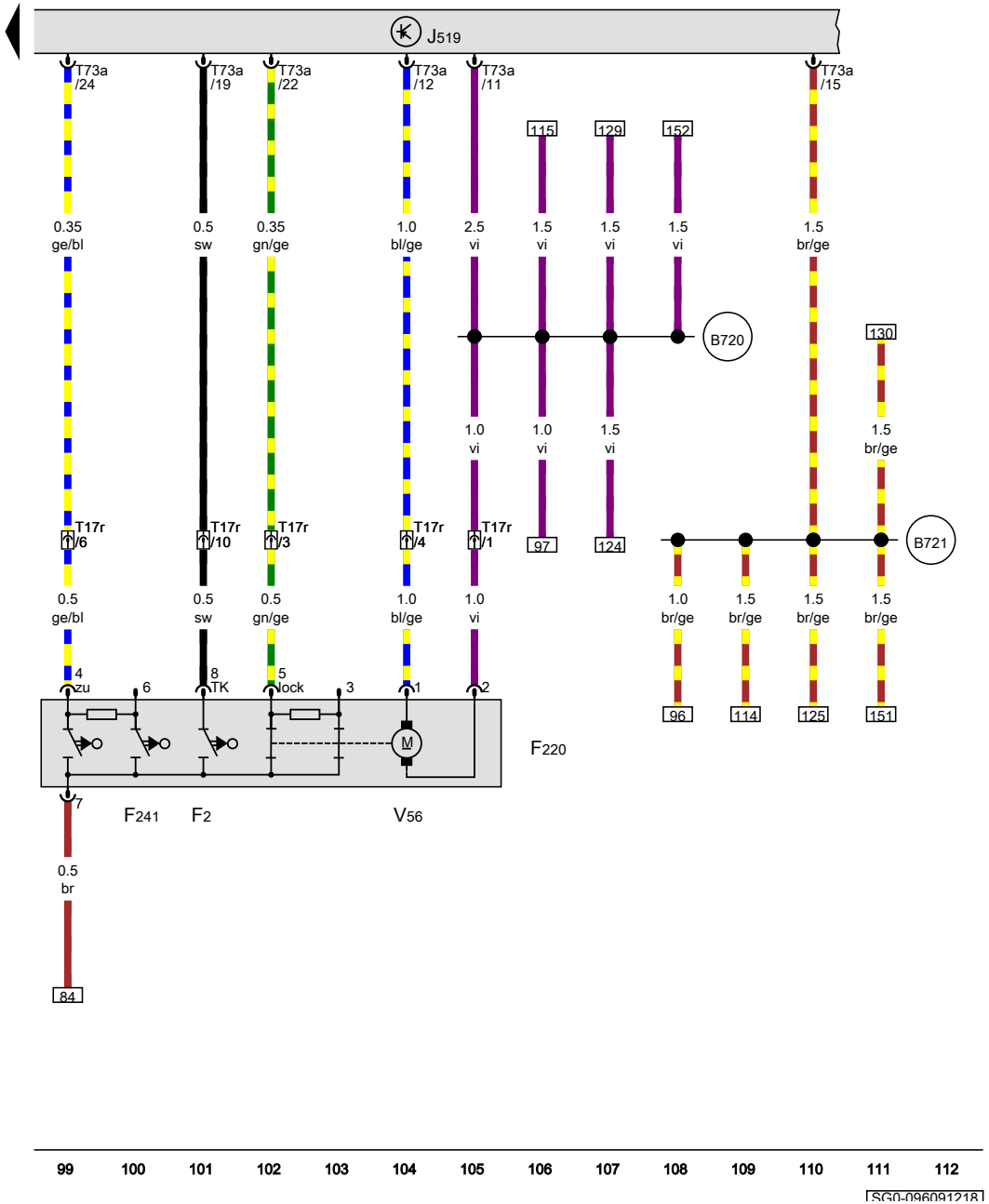

Driver door contact switch, Driver side central locking lock unit, Driver side contact switch in lock cylinder, Onboard supply control unit, Driver door central locking motor

F2	Driver door contact switch
F220	Driver side central locking lock unit
F241	Driver side contact switch in lock cylinder
J519	Onboard supply control unit
T17r	17-pin connector, black, on right A-pillar
T73a	73-pin connector, black
V56	Driver door central locking motor
B720	Connection 1 (central locking), in main wiring harness
B721	Connection 2 (central locking), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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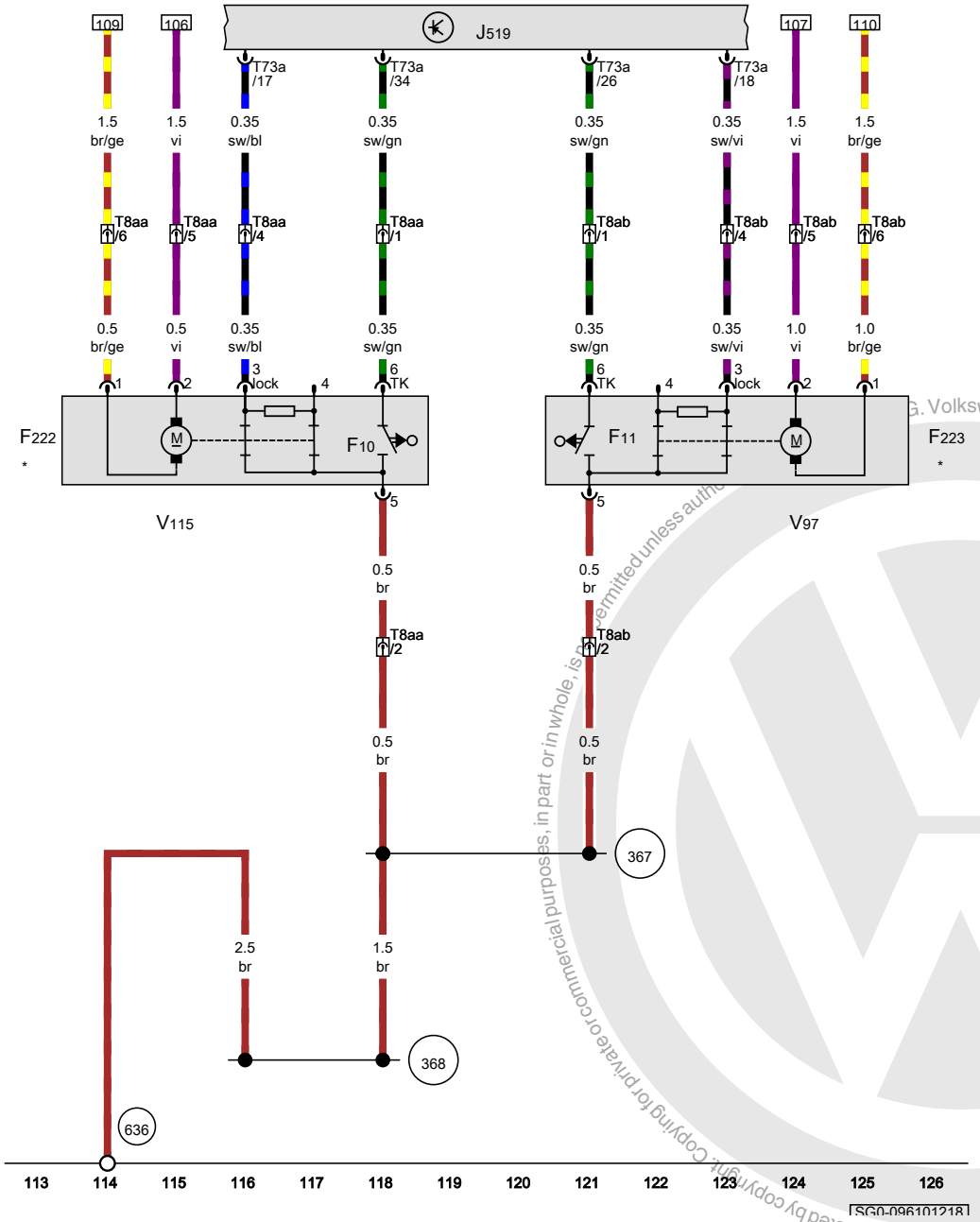
Rear left door contact switch, Rear right door contact switch, Rear left central locking lock unit, Rear right central locking lock unit, Onboard supply control unit, Rear right door central locking motor, Rear left door central locking motor



F10	Rear left door contact switch
F11	Rear right door contact switch
F222	Rear left central locking lock unit
F223	Rear right central locking lock unit
J519	Onboard supply control unit
T8aa	8-pin connector, black, on left B-pillar
T8ab	8-pin connector, black, on right B-pillar
T73a	73-pin connector, black
V97	Rear right door central locking motor
V115	Rear left door central locking motor
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
636	Earth point, onboard supply control unit
*	For models with double cab

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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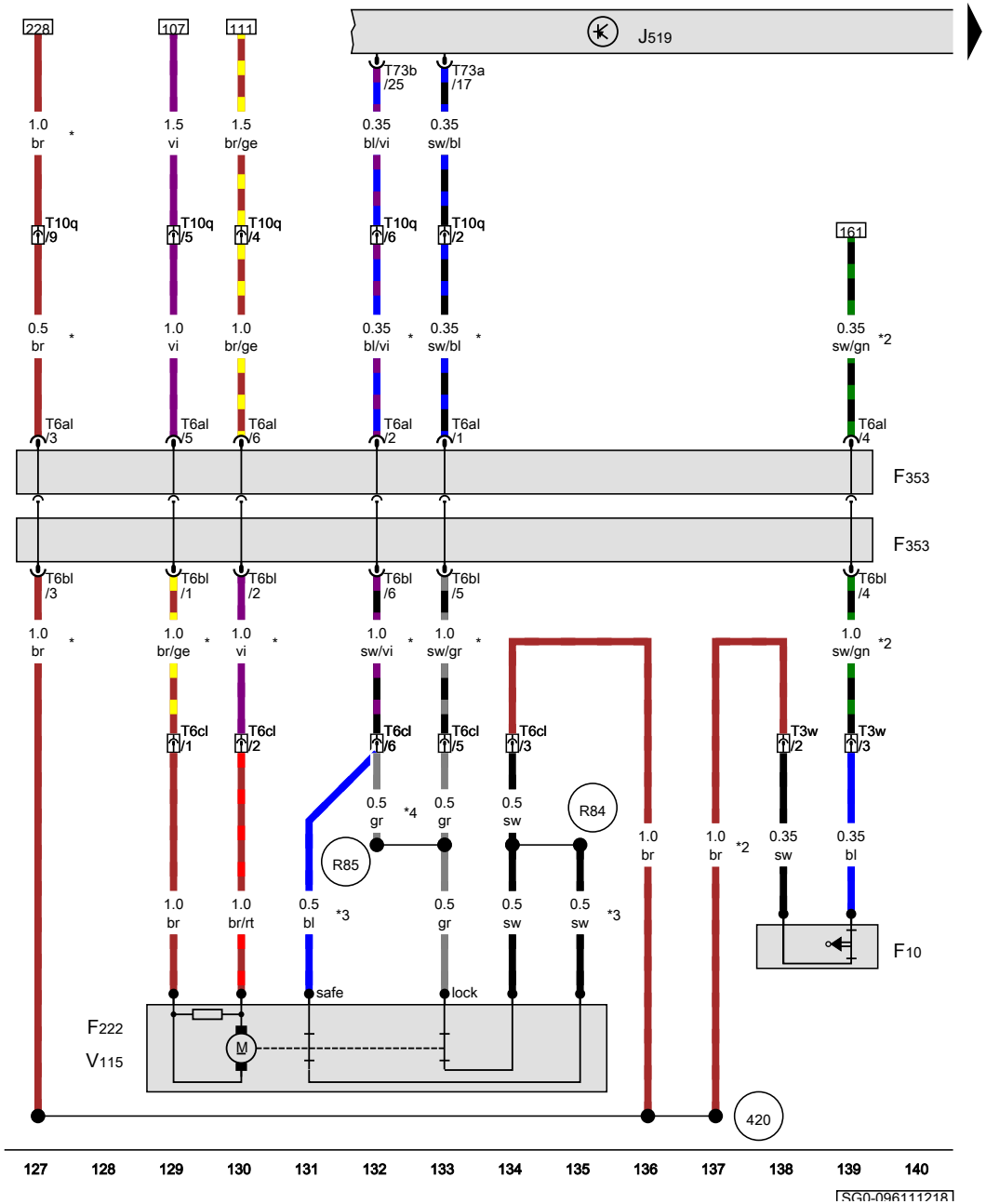
Rear left door contact switch, Rear left central locking lock unit, Contact strip in left sliding door, Rear left door central locking motor



F10	Rear left door contact switch
F222	Rear left central locking lock unit
F353	Contact strip in left sliding door
J519	Onboard supply control unit
T3w	3-pin connector, black, in left sliding door
T6al	6-pin connector, Contact holder, left sliding door
T6bl	6-pin connector, Contact holder, left sliding door
T6cl	6-pin connector, black, in left sliding door
T10q	10-pin connector, green, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
V115	Rear left door central locking motor
420	Earth connection 1, in left sliding door wiring harness
R84	Connection 1 (central locking), in rear left door wiring harness
R85	Connection 2 (central locking), in rear left door wiring harness
*	For models with no electric sliding doors/power latching system
*2	For models with manual sliding door and anti-theft alarm system
*3	For models with SAFELOCK function
*4	For models with no SAFELOCK function

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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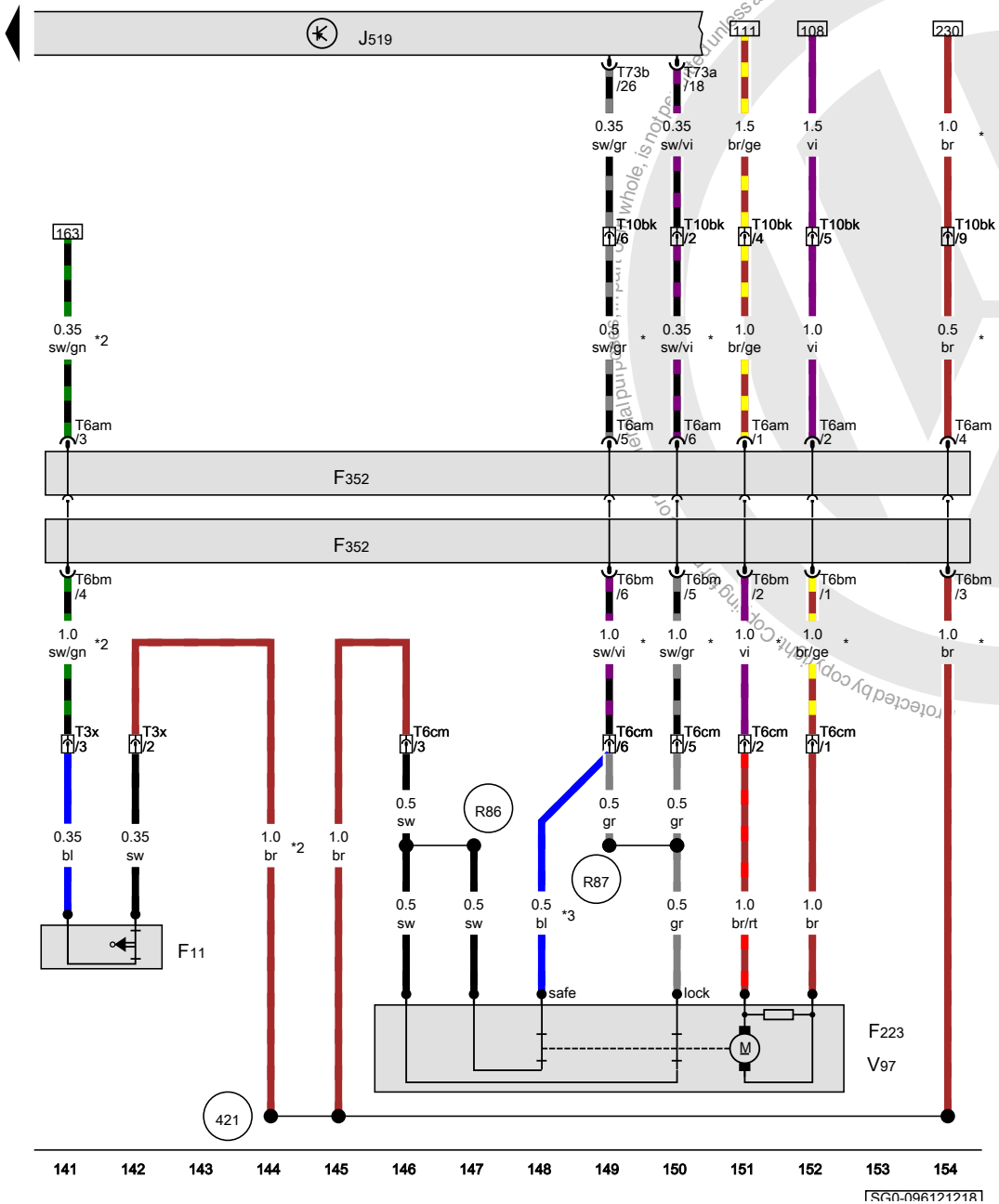
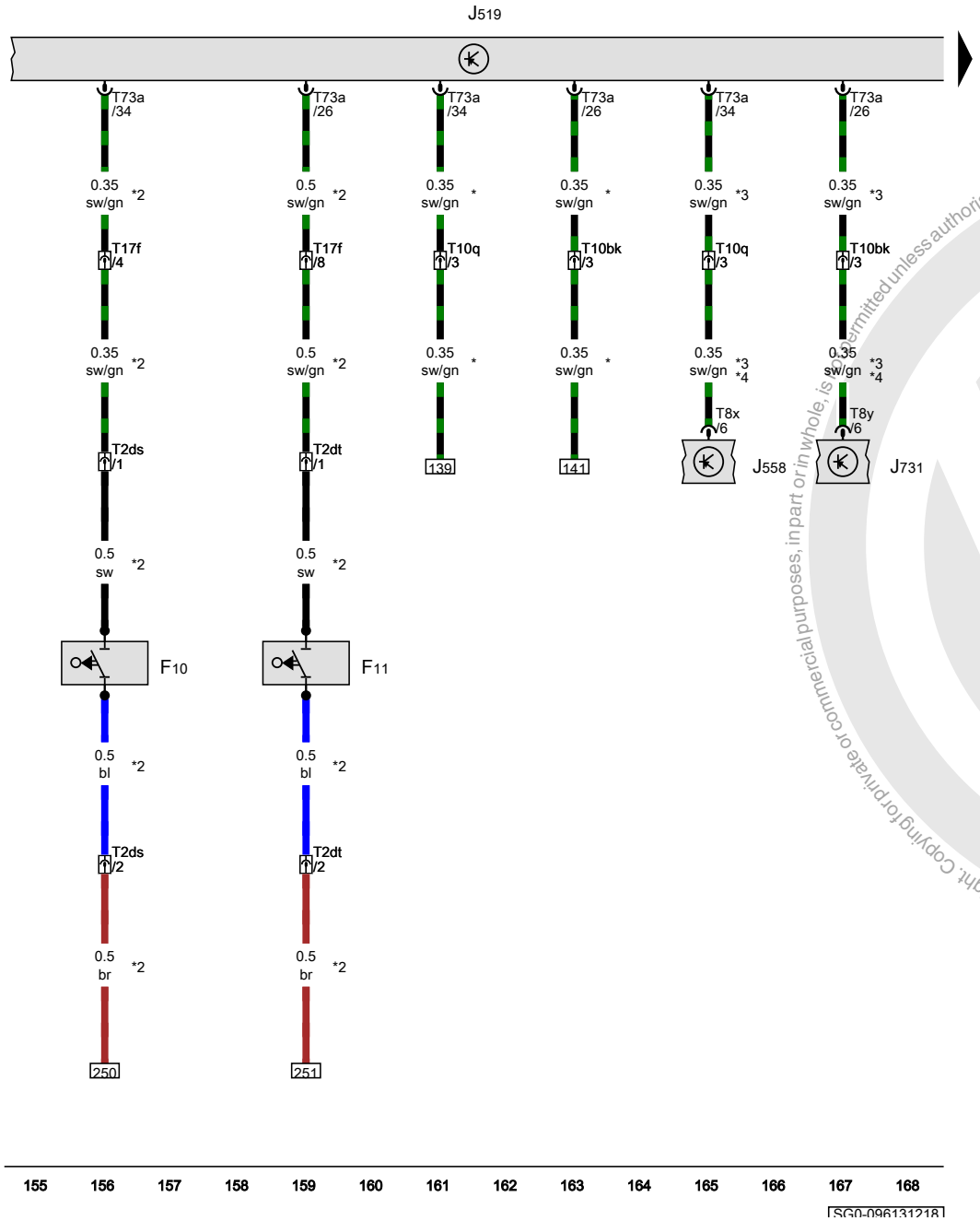


Rear right door contact switch, Rear right central locking lock unit, Contact strip in right sliding door, Rear right door central locking motor

F11	Rear right door contact switch
F223	Rear right central locking lock unit
F352	Contact strip in right sliding door
J519	Onboard supply control unit
T3x	3-pin connector, black, in right sliding door
T6am	6-pin connector, Contact holder, right sliding door
T6bm	6-pin connector, Contact holder, right sliding door
T6cm	6-pin connector, black, in right sliding door
T10bk	10-pin connector, grey, under seat on front right
T73a	73-pin connector, black
T73b	73-pin connector, white
V97	Rear right door central locking motor
421	Earth connection 1, in right sliding door wiring harness
R86	Connection 1 (central locking), in rear right door wiring harness
R87	Connection 2 (central locking), in rear right door wiring harness
*	For models with no electric sliding doors/power latching system
*2	For models with manual sliding door and anti-theft alarm system
*3	For models with SAFELOCK function

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Rear left door contact switch, Rear right door contact switch, Left sliding door control unit, Right sliding door control unit



F10	Rear left door contact switch
F11	Rear right door contact switch
J519	Onboard supply control unit
J558	Left sliding door control unit
J731	Right sliding door control unit
T2ds	2-pin connector, black, on left C-pillar
T2dt	2-pin connector, black, on right C-pillar
T8x	8-pin connector, black
T8y	8-pin connector, black
T10bk	10-pin connector, grey, under seat on front right
T10q	10-pin connector, green, under seat on front left
T17f	17-pin connector, brown, under seat on front left
T73a	73-pin connector, black
*	For models with manual sliding door and anti-theft alarm system
*2	For models with manual sliding door and with no anti-theft alarm system/electric sliding door/power latching system
*3	For models with power latching system and with no electric sliding door
*4	see applicable current flow diagram

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
vi	=	purple
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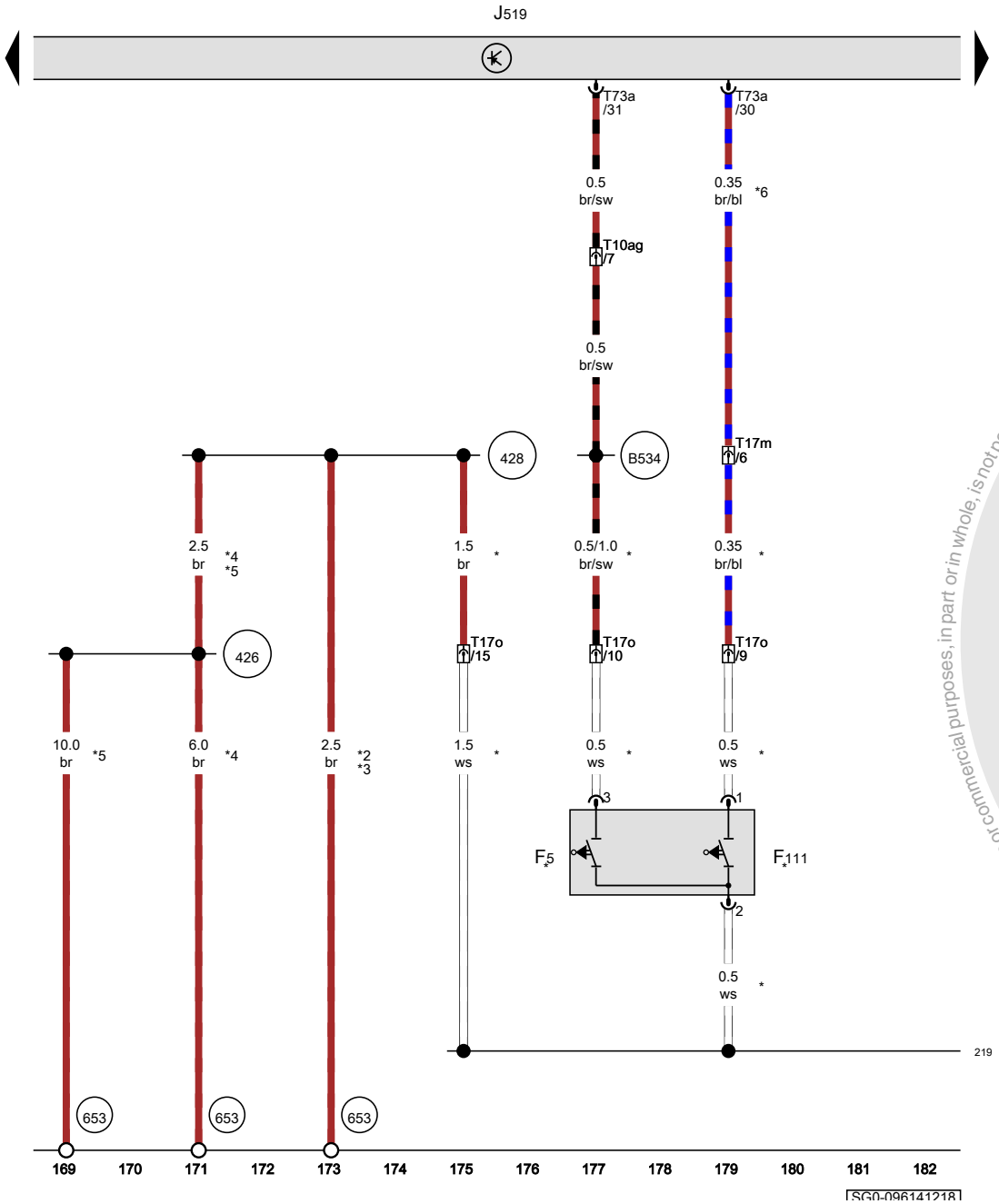

Luggage compartment light switch, Rear lid contact switch

F5	Luggage compartment light switch
F111	Rear lid contact switch
J519	Onboard supply control unit
T10ag	10-pin connector, brown, in left A-pillar coupling station
T17m	17-pin connector, red, in left A-pillar coupling station
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
T73a	73-pin connector, black
219	Earth connection 2, in rear lid wiring harness
426	Earth connection 3, in left rear end wiring harness
428	Earth connection 4, in left rear end wiring harness
653	Earth point, on left D-pillar
B534	Connection 1 (luggage compartment switch), in roof wiring harness
*	For models with rear lid; for models with wing doors see current flow diagram for wing doors
*2	For models with no trailer socket
*3	For models with no heated rear window
*4	For models with trailer socket or heated rear window
*5	For models with trailer socket and heated rear window
*6	For models with no electric sliding doors/power latching system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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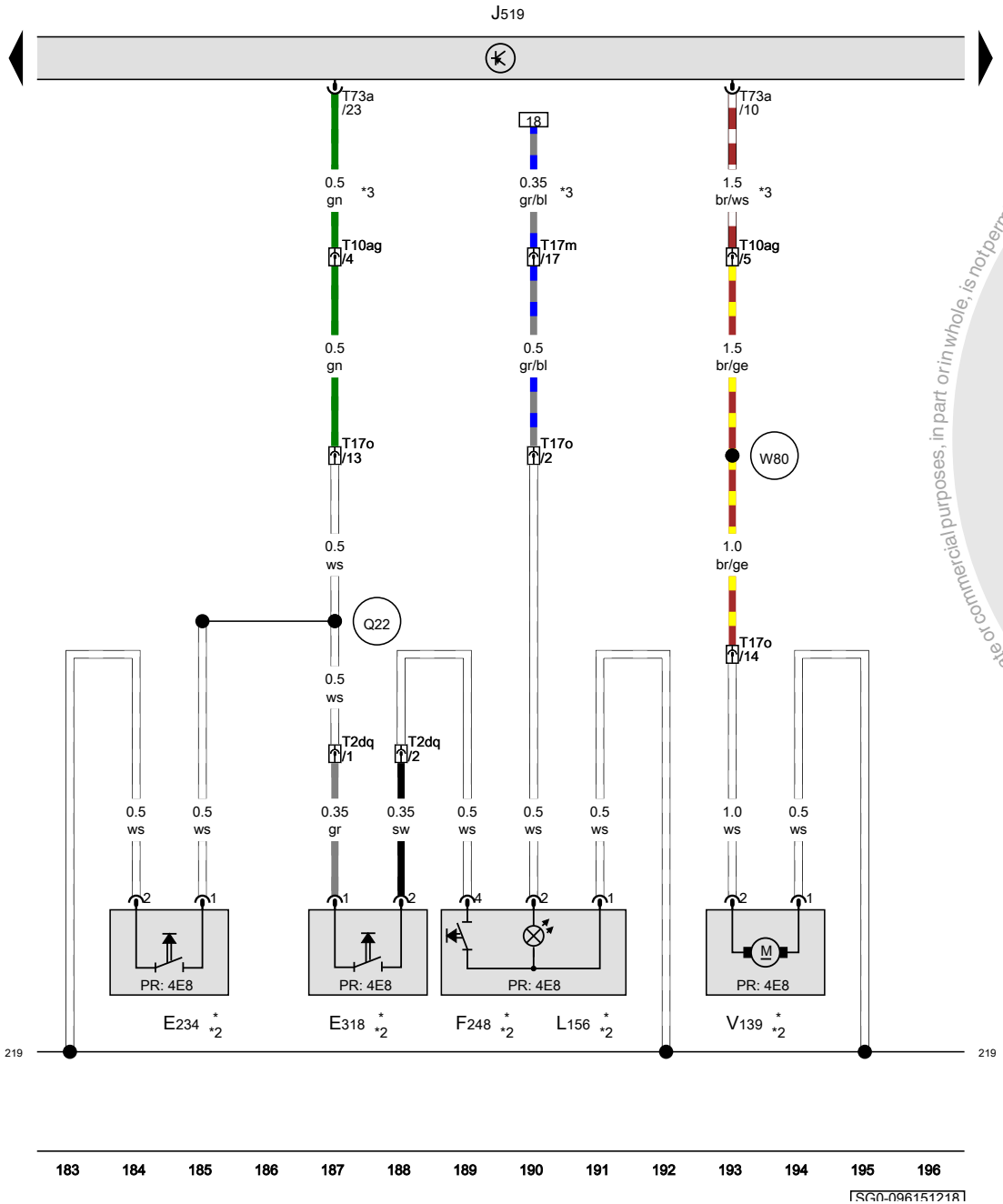

Rear lid handle release button, Childproof lock button, Release button for rear lid lock cylinder, Switch illumination bulb, Rear lid release motor

E234	Rear lid handle release button
E318	Childproof lock button
F248	Release button for rear lid lock cylinder
J519	Onboard supply control unit
L156	Switch illumination bulb
T2dq	2-pin connector, black, in rear lid
T10ag	10-pin connector, brown, in left A-pillar coupling station
T17m	17-pin connector, red, in left A-pillar coupling station
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
T73a	73-pin connector, black
V139	Rear lid release motor
219	Earth connection 2, in rear lid wiring harness
Q22	Connection 1, in rear lid wiring harness
W80	Connection 2 in rear wiring harness
*	For models with childproof locks
*2	For models with rear lid; for models with wing doors see current flow diagram for wing doors
*3	For models with no electric rear lid opener

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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bl	=	blue
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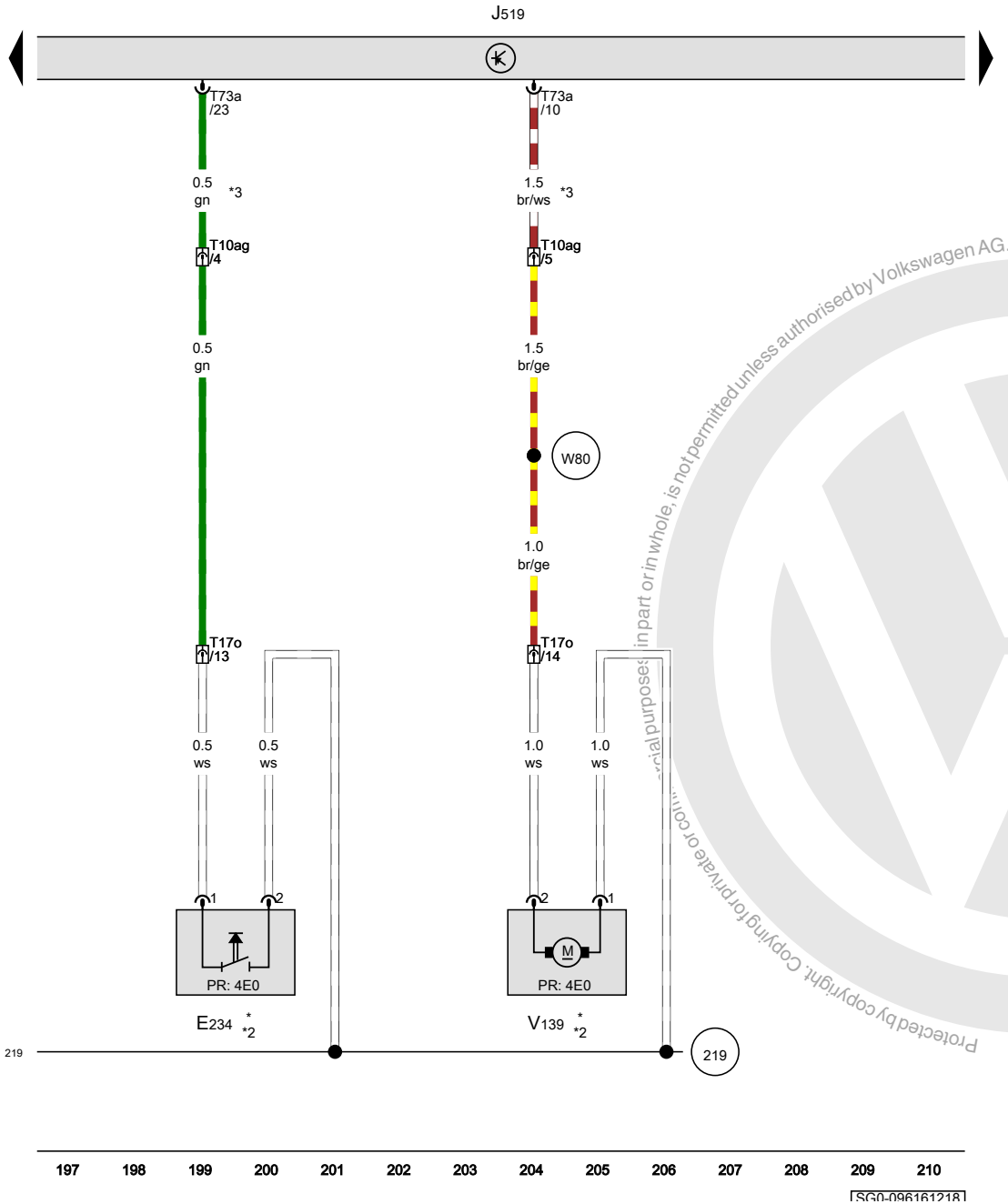
Rear lid handle release button, Rear lid release motor



E234	Rear lid handle release button
J519	Onboard supply control unit
T10ag	10-pin connector, brown, in left A-pillar coupling station
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
T73a	73-pin connector, black
V139	Rear lid release motor
219	Earth connection 2, in rear lid wiring harness
W80	Connection 2 in rear wiring harness
*	For models with no childproof locks
*2	For models with rear lid; for models with wing doors see current flow diagram for wing doors
*3	For models with no electric rear lid opener

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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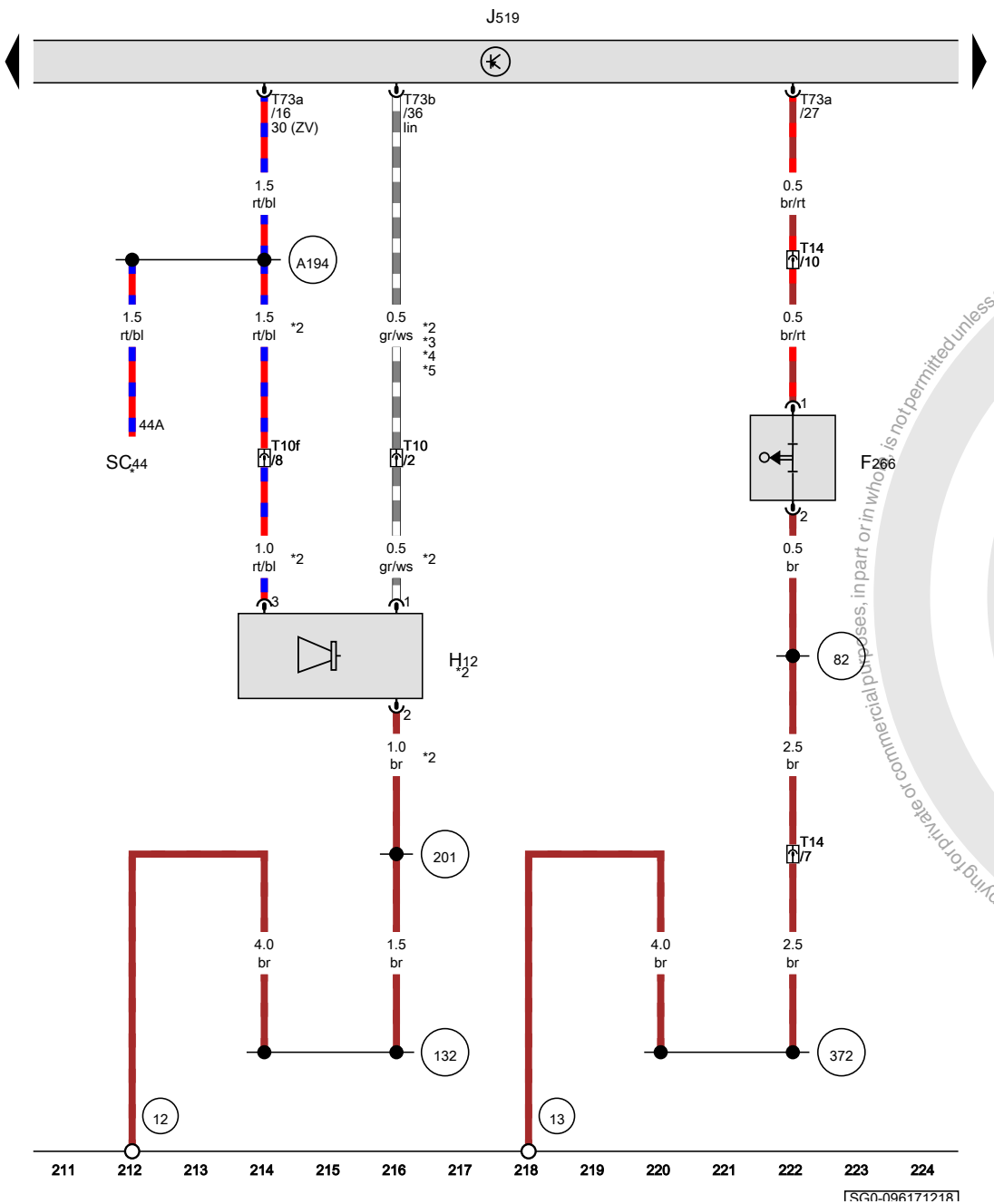

Bonnet contact switch, Alarm horn, Fuse 44 on fuse holder C

F266	Bonnet contact switch
H12	Alarm horn
J519	Onboard supply control unit
SC44	Fuse 44 on fuse holder C
T10	10-pin connector, black, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T14	14-pin connector, black, near horn, dual tone horn
T73a	73-pin connector, black
T73b	73-pin connector, white
12	Earth point, on left in engine compartment
13	Earth point, on right in engine compartment
82	Earth connection 1, in front left wiring harness
132	Earth connection 3, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
372	Earth connection 7, in main wiring harness
A194	Connection (convenience system) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with anti-theft alarm system
*3	For models with no cruise control system
*4	For models with no multifunction steering wheel
*5	see applicable current flow diagram

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
or	=	orange
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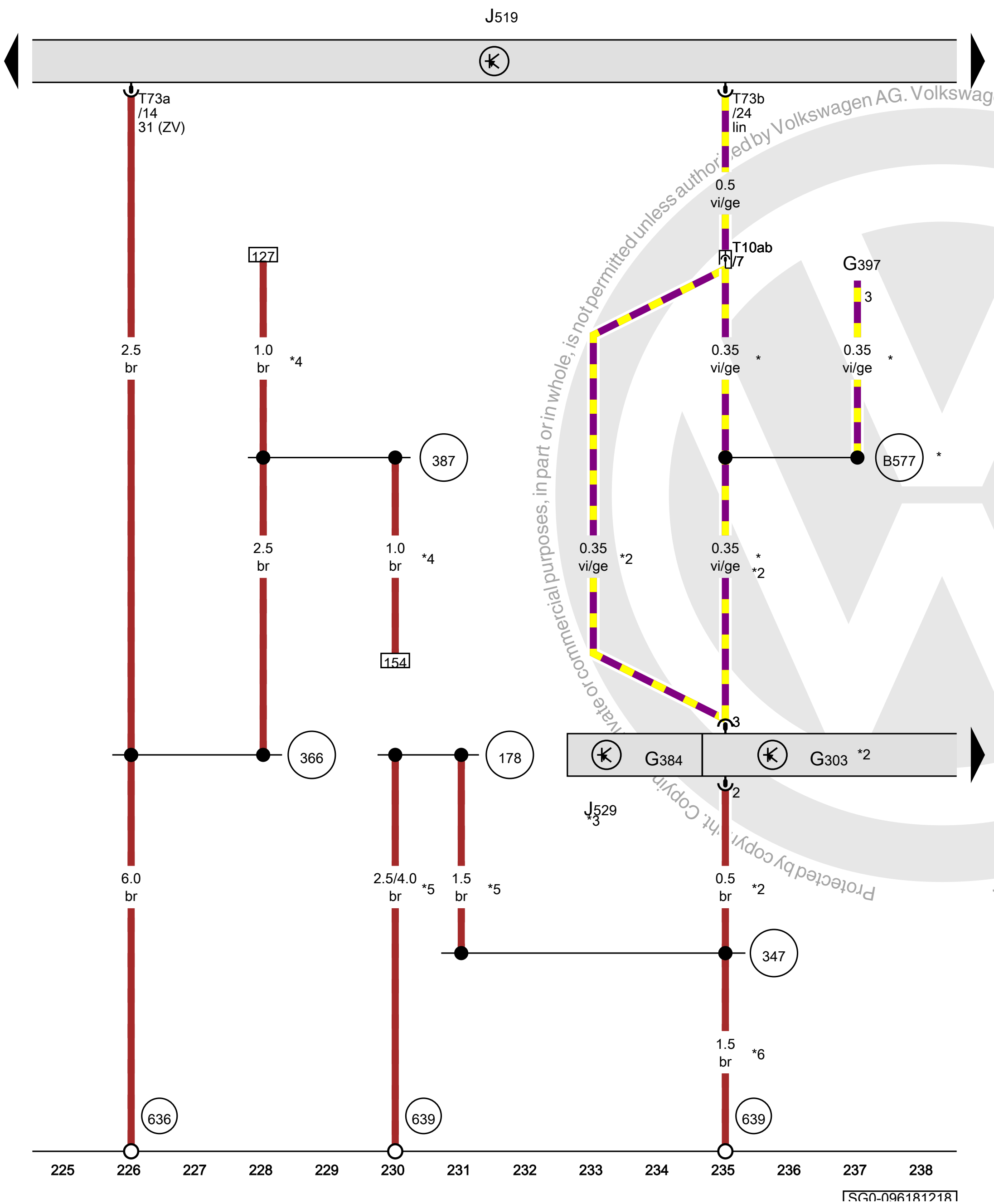

Interior monitor send and receive module 1, Vehicle inclination sender, Rain and light sensor, Anti-theft and tilt system control unit

G303 Interior monitor send and receive module 1, near front interior light
G384 Vehicle inclination sender, near front interior light
G397 Rain and light sensor
J519 Onboard supply control unit
J529 Anti-theft and tilt system control unit, near front interior light
T10ab 10-pin connector, white, in left A-pillar coupling station
T73a 73-pin connector, black
T73b 73-pin connector, white
178 Earth connection, in sliding sunroof wiring harness
347 Earth connection, in roof wiring harness
366 Earth connection 1, in main wiring harness
387 Earth connection 22, in main wiring harness
636 Earth point, onboard supply control unit
639 Earth point, left A-pillar
B577 LIN bus connection, in roof wiring harness
* For models with rain sensor
*2 For models with anti-theft alarm system
*3 For models with anti-theft alarm system and tow-away protection
*4 For models with no electric sliding doors/power latching system
*5 For models with sliding/tilting sunroof
*6 For models with no sliding/tilting sunroof

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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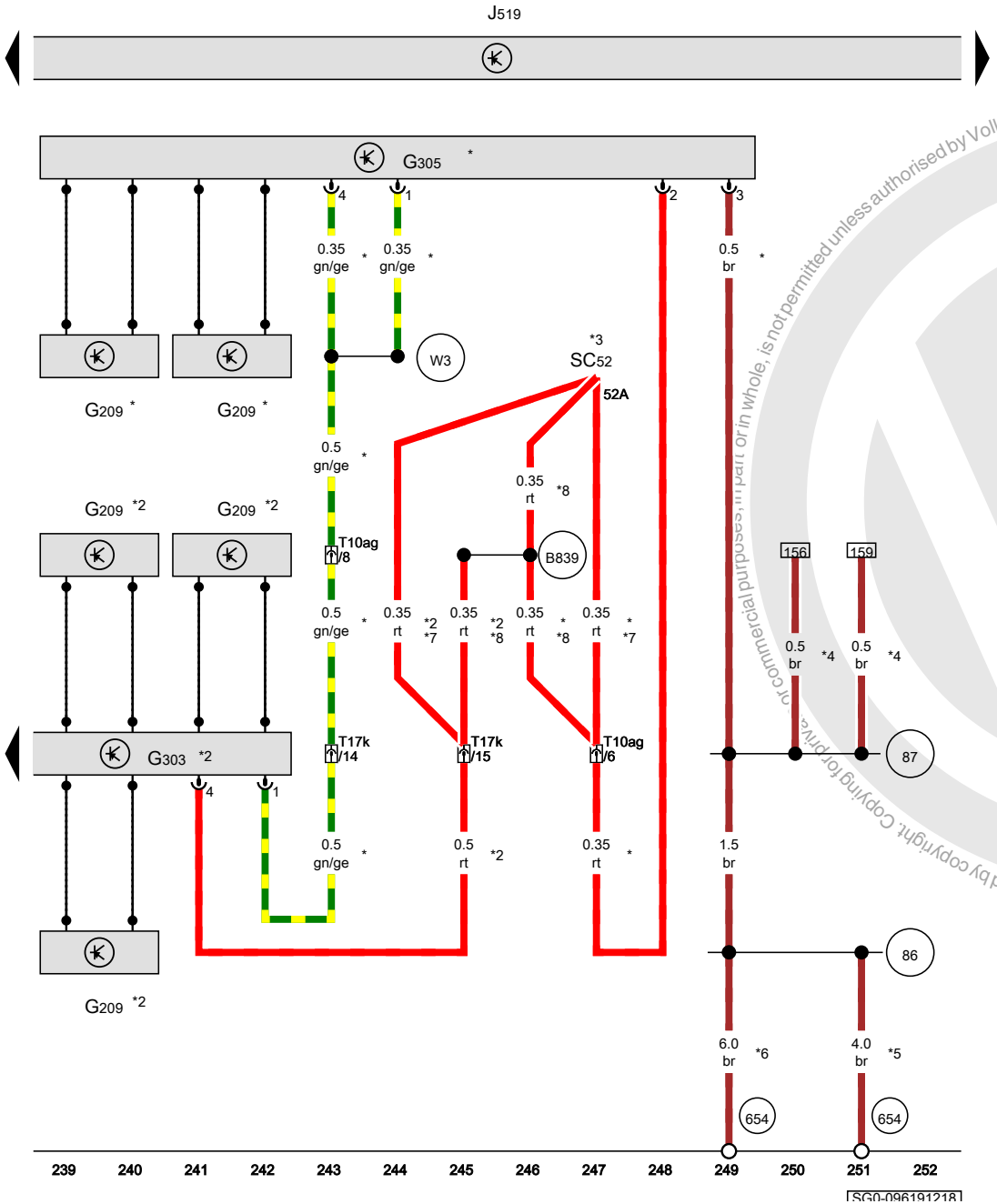
Anti-theft alarm ultrasonic sensor, Interior monitor send and receive module 1, Interior monitor send and receive module 2, Fuse 52 on fuse holder C



G209	Anti-theft alarm ultrasonic sensor
G303	Interior monitor send and receive module 1, near front interior light
G305	Interior monitor send and receive module 2, on rear roof module
J519	Onboard supply control unit
SC52	Fuse 52 on fuse holder C
T10ag	10-pin connector, brown, in left A-pillar coupling station
T17k	17-pin connector, green, in left A-pillar coupling station
86	Earth connection 1, in rear wiring harness
87	Earth connection 2, in rear wiring harness
654	Earth point, on right D-pillar
B839	Positive connection 20 (30), in main wiring harness
W3	Connection in rear wiring harness
*	For Multivan and Shuttle
*2	For models with anti-theft alarm system
*3	see applicable current flow diagram for fuse assignment
*4	For models with manual sliding door and with no anti-theft alarm system/electric sliding door/power latching system
*5	For models with no electric sliding doors/power latching system
*6	For models with electric sliding door/power latching system
*7	Up to June 2016
*8	From June 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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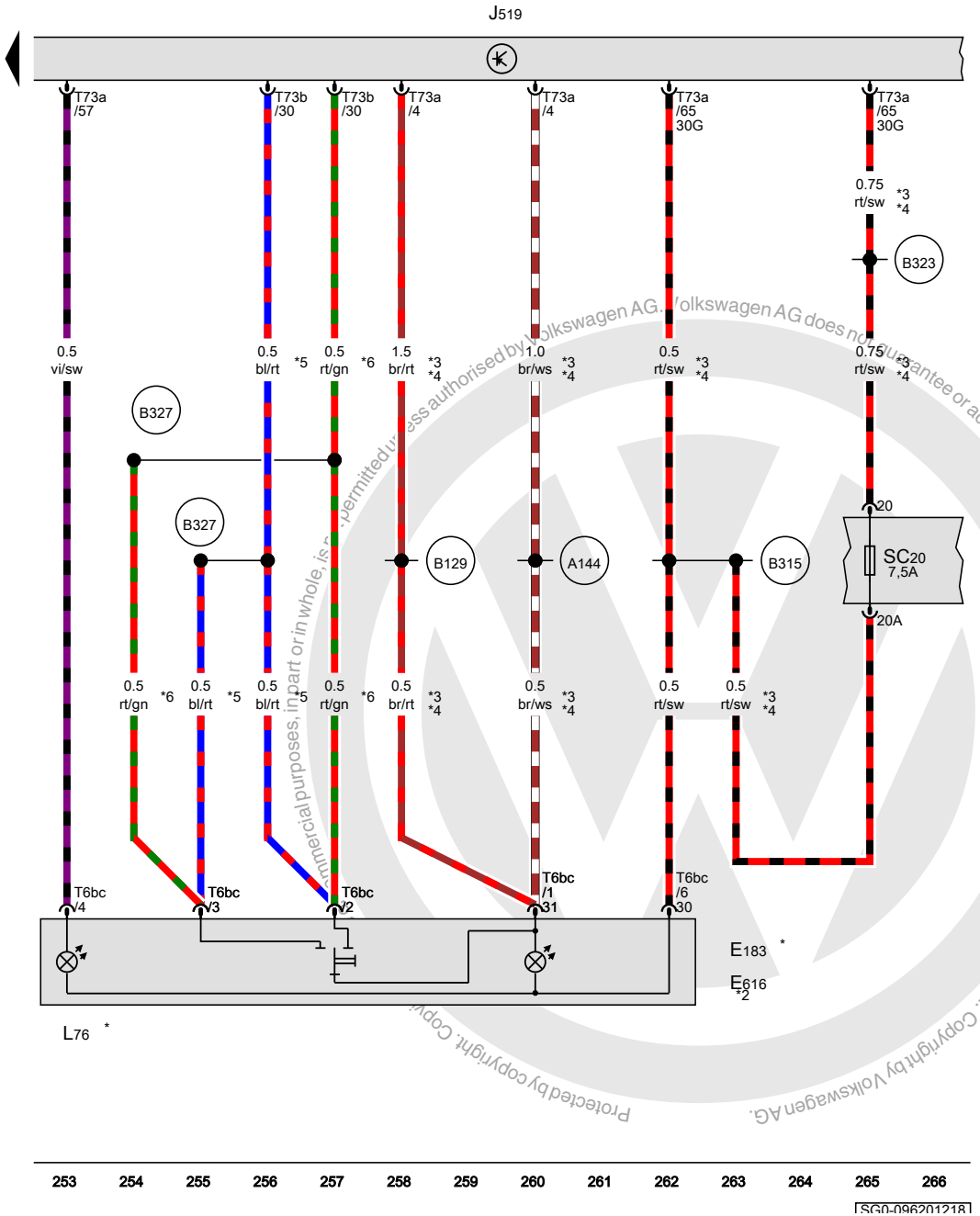

Interior monitoring switch, Button for deactivating interior monitoring and vehicle inclination sensor, Button illumination bulb, Fuse 20 on fuse holder C

E183	Interior monitoring switch
E616	Button for deactivating interior monitoring and vehicle inclination sensor
J519	Onboard supply control unit
L76	Button illumination bulb
SC20	Fuse 20 on fuse holder C
T6bc	6-pin connector, blue
T73a	73-pin connector, black
T73b	73-pin connector, white
A144	Connection (interior monitoring) in dash panel wiring harness
B129	Connection (interior light, 31l), in interior wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B323	Positive connection 9 (30a) in main wiring harness
B327	Positive connection 13 (30a) in main wiring harness
*	For models with anti-theft alarm system
*2	For models with anti-theft alarm system and tow-away protection
*3	According to equipment
*4	see applicable current flow diagram for interior lights
*5	For models with double cab/dropside
*6	For Multivan, panel van and Kombi models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Electrically adjustable exterior mirror , (4R0),(L0R)

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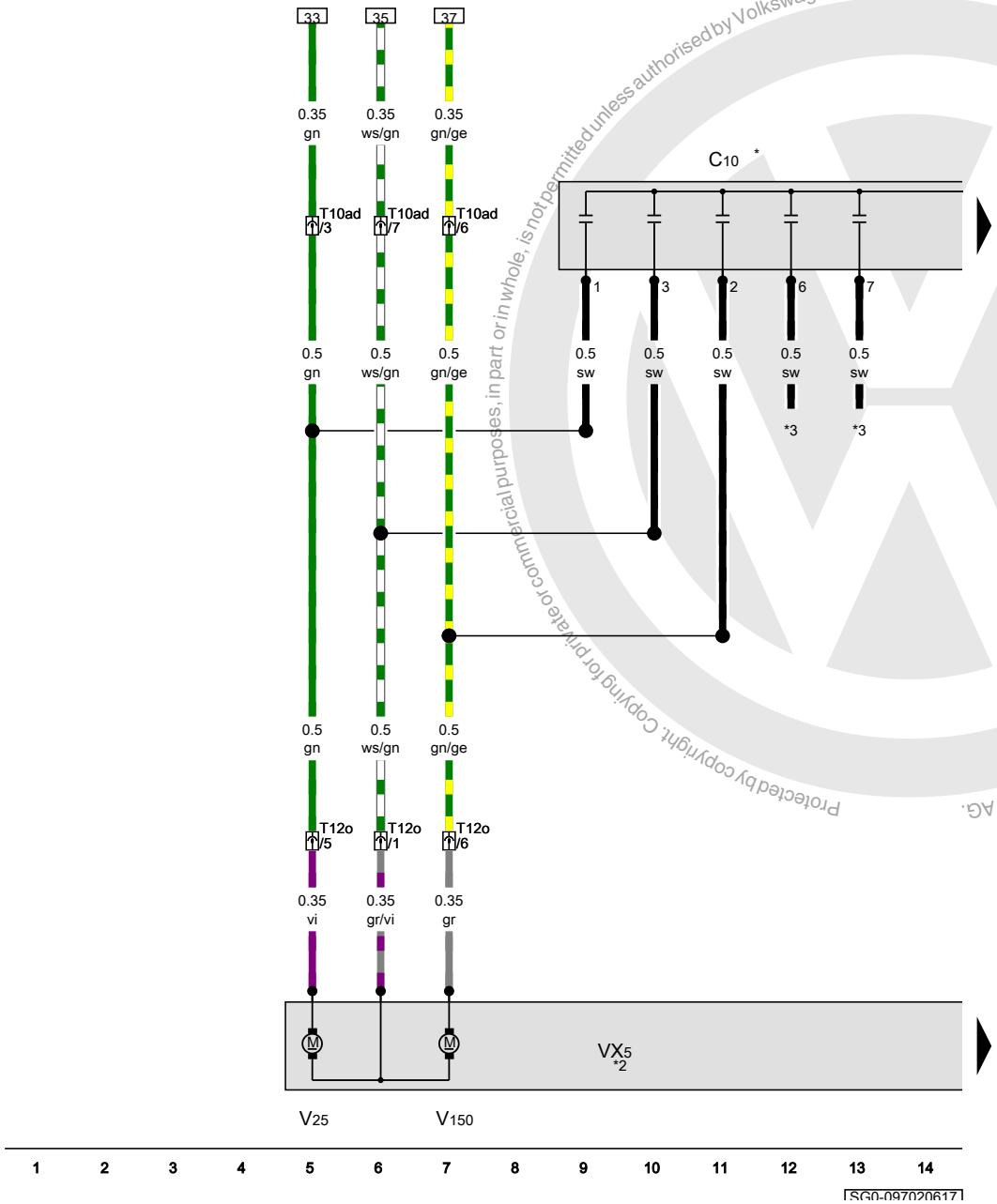
Suppression filter, Passenger side exterior mirror

C10	Suppression filter, in front left door
T10ad	10-pin connector, red, on left A-pillar
T12o	12-pin connector, brown, in front passenger door
VX5	Passenger side exterior mirror
V25	Front passenger side mirror adjustment motor 2
V150	Front passenger side mirror adjustment motor
*	According to equipment
*2	For models with no central locking
*3	Wiring open end



ws	=	white
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rt	=	red
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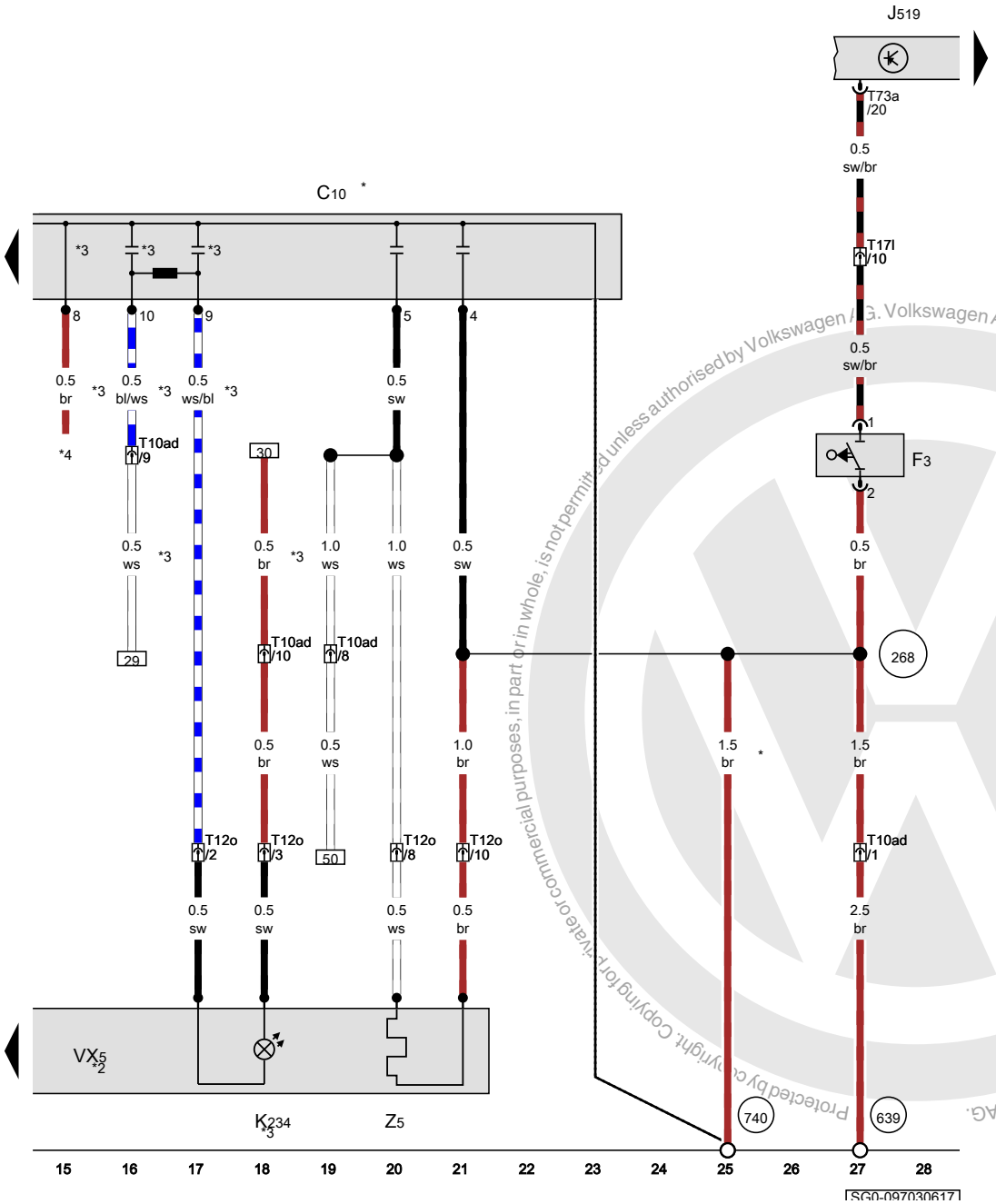
Front passenger door contact switch, Onboard supply control unit, Passenger side exterior mirror



C10	Suppression filter, in front left door
F3	Front passenger door contact switch
J519	Onboard supply control unit
K234	Lane change assist warning lamp in passenger side exterior mirror
T10ad	10-pin connector, red, on left A-pillar
T12o	12-pin connector, brown, in front passenger door
T17l	17-pin connector, black, on left A-pillar
T73a	73-pin connector, black
VX5	Passenger side exterior mirror
Z5	Heated exterior mirror on passenger side
268	Earth connection 2, in front passenger side door wiring harness
639	Earth point, left A-pillar
740	Earth point 2 in front left door
*	According to equipment
*2	For models with no central locking
*3	For models with lane change assist
*4	Wiring open end

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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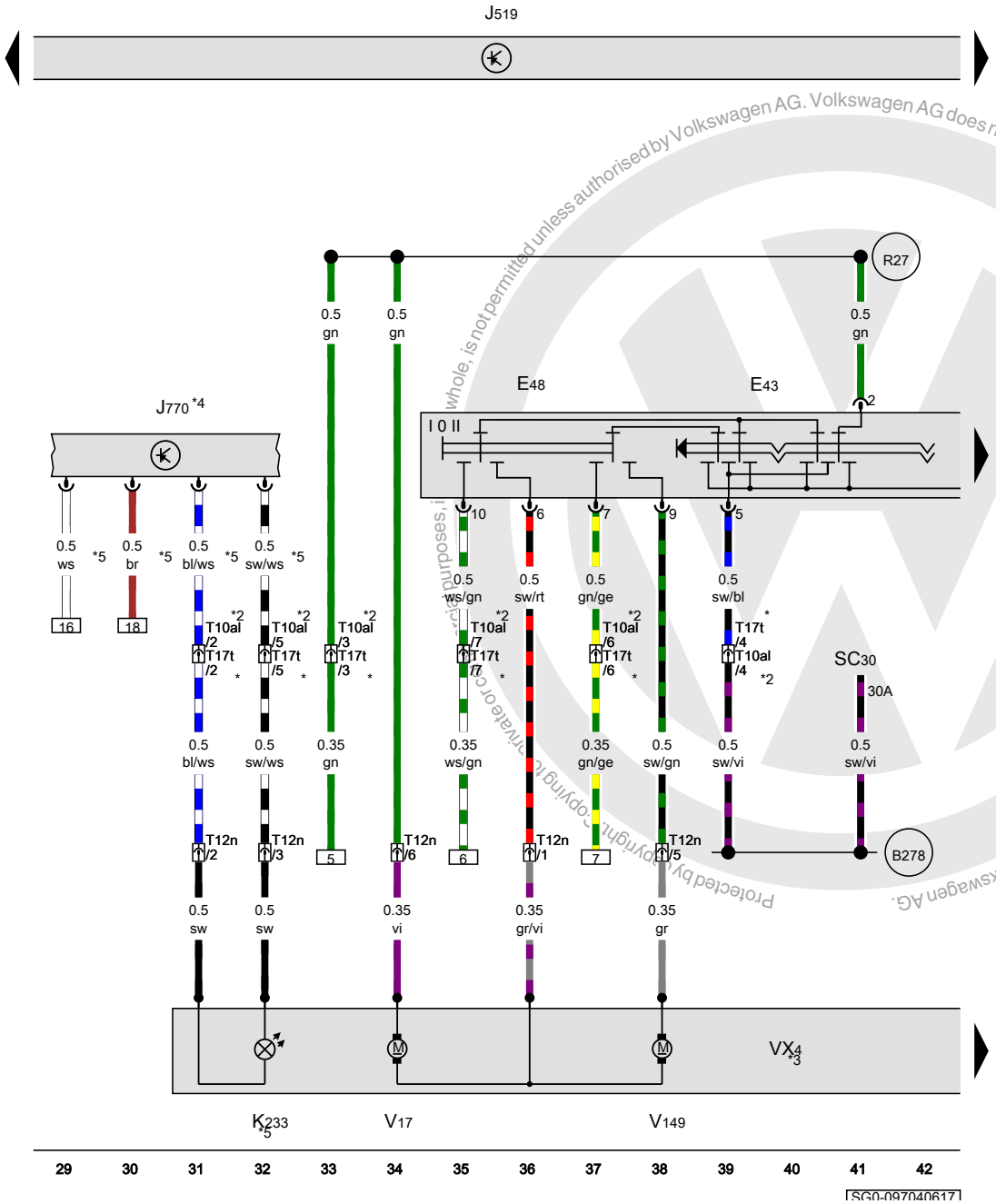
Mirror adjustment switch, Mirror adjustment changeover switch, Onboard supply control unit, Fuse 30 on fuse holder C, Driver side exterior mirror



E43	Mirror adjustment switch
E48	Mirror adjustment changeover switch
J519	Onboard supply control unit
J770	Lane change assist control unit 2
K233	Lane change assist warning lamp in driver side exterior mirror
SC30	Fuse 30 on fuse holder C
T10al	10-pin connector, red, on right A-pillar
T12n	12-pin connector, brown, in driver door
T17t	17-pin connector, red, on right A-pillar
VX4	Driver side exterior mirror
V17	Driver side mirror adjustment motor 2
V149	Driver side mirror adjustment motor
B278	Positive connection 2 (15a) in main wiring harness
R27	Connection (mirror adjustment), in driver door wiring harness
*	From January 2016
*2	Up to January 2016
*3	For models with no central locking
*4	see applicable current flow diagram for lane change assist
*5	For models with lane change assist

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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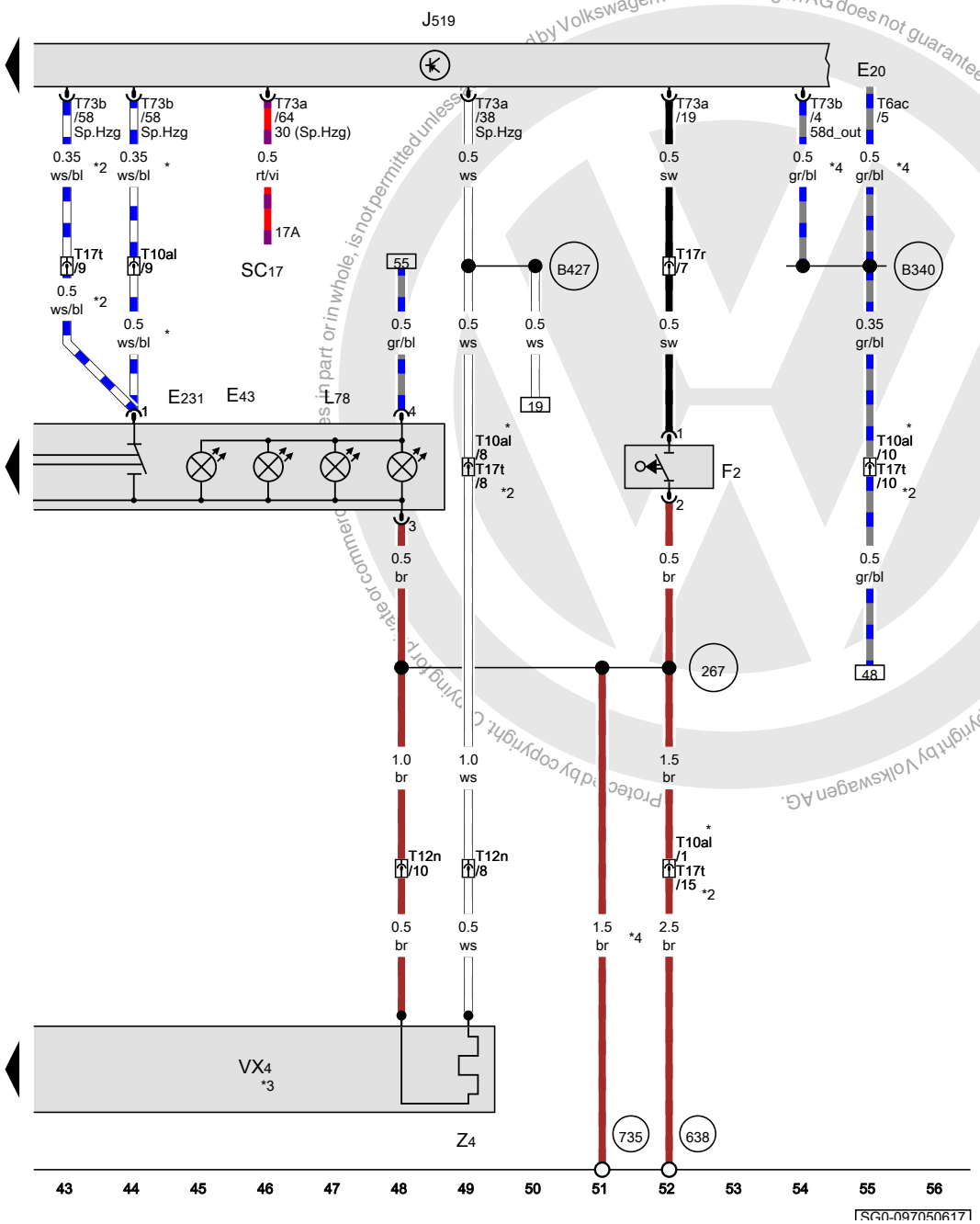

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Switch and instrument illumination regulator, Mirror adjustment switch, Exterior mirror heater button, Driver door contact switch, Onboard supply control unit, Fuse 17 on fuse holder C, Driver side exterior mirror

E20	Switch and instrument illumination regulator
E43	Mirror adjustment switch
E231	Exterior mirror heater button
F2	Driver door contact switch
J519	Onboard supply control unit
L78	Mirror adjustment switch illumination bulb
SC17	Fuse 17 on fuse holder C
T6ac	6-pin connector, black
T10al	10-pin connector, red, on right A-pillar
T12n	12-pin connector, brown, in driver door
T17r	17-pin connector, black, on right A-pillar
T17t	17-pin connector, red, on right A-pillar
T73a	73-pin connector, black
T73b	73-pin connector, white
VX4	Driver side exterior mirror
Z4	Heated exterior mirror on driver side
267	Earth connection 2, in drive side door wiring harness
638	Earth point, on right A-pillar
735	Earth point in front right door
B340	Connection 1 (58d), in main wiring harness
B427	Connection 1 (mirror signal), in main wiring harness
*	Up to January 2016
*2	From January 2016
*3	For models with no central locking
*4	According to equipment

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Preparation for mobile telephone , (L0R),(9ZE),(9IF)

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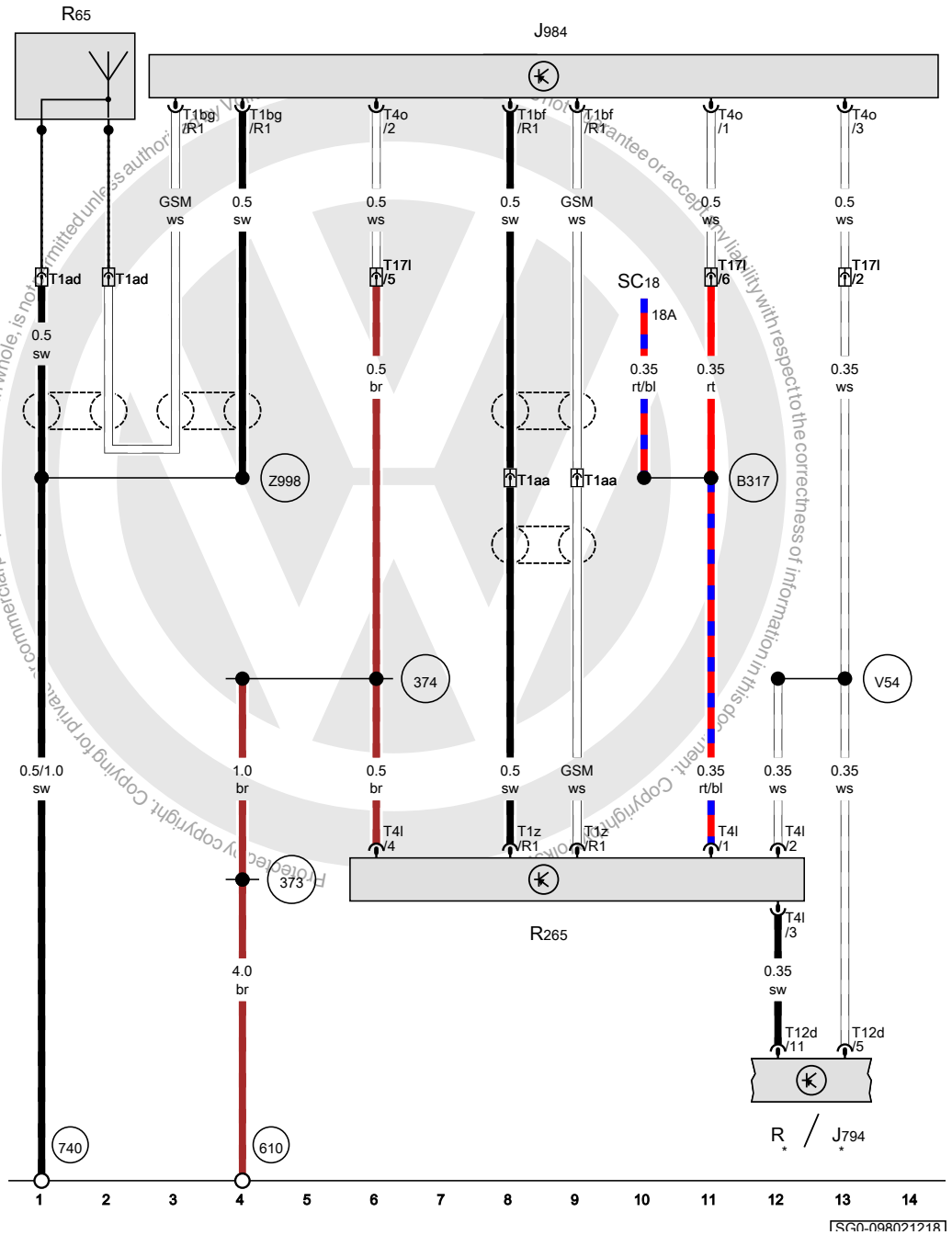

Control unit 1 for information electronics, Two-way signal amplifier for mobile telephone/data services, Radio, Telephone aerial, Storage compartment with interface for mobile telephone, Fuse 18 on fuse holder C

J794	Control unit 1 for information electronics
J984	Two-way signal amplifier for mobile telephone/data services
R	Radio
R1	Aerial connection
R65	Telephone aerial
R265	Storage compartment with interface for mobile telephone
SC18	Fuse 18 on fuse holder C
T1aa	1-pin connector, purple, on left A-pillar
T1ad	1-pin connector, purple, in left door, near exterior mirror
T1bf	1-pin connector, purple
T1bg	1-pin connector, purple
T1z	1-pin connector, purple
T4l	4-pin connector, brown
T4o	4-pin connector, black
T12d	12-pin connector, grey
T17l	17-pin connector, black, in left A-pillar coupling station
373	Earth connection 8, in main wiring harness
374	Earth connection 9, in main wiring harness
610	Earth point (audio), front below centre console
740	Earth point 2 in front left door
B317	Positive connection 3 (30a) in main wiring harness
V54	Connection 1 (telephone), in main wiring harness
Z998	Wiring screen
*	see applicable current flow diagram for radio/ radio navigation system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Special equipment, public authority vehicle , (IS2),(IS3),(IS6)

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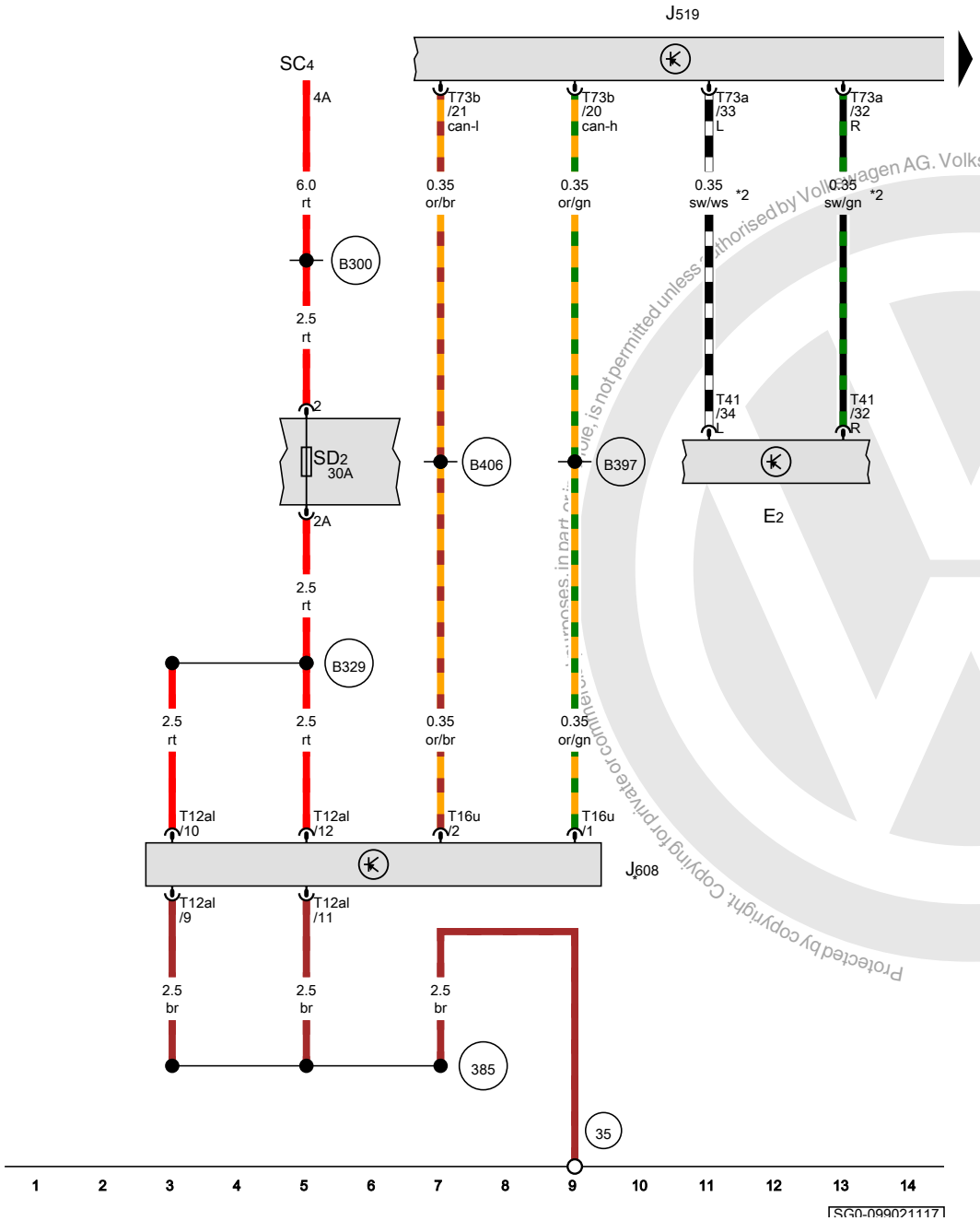

Turn signal switch, Onboard supply control unit, Special vehicle control unit, Fuse 2 on fuse holder D, Fuse 4 on fuse holder C

E2	Turn signal switch
J519	Onboard supply control unit
J608	Special vehicle control unit, under front passenger seat
SD2	Fuse 2 on fuse holder D
SC4	Fuse 4 on fuse holder C
T12al	12-pin connector, black
T16u	16-pin connector, brown
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
35	Earth point, under front passenger seat
385	Earth connection 20, in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B329	Positive connection 15 (30a) in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	For models with no special police equipment
*2	For models with no electric interface

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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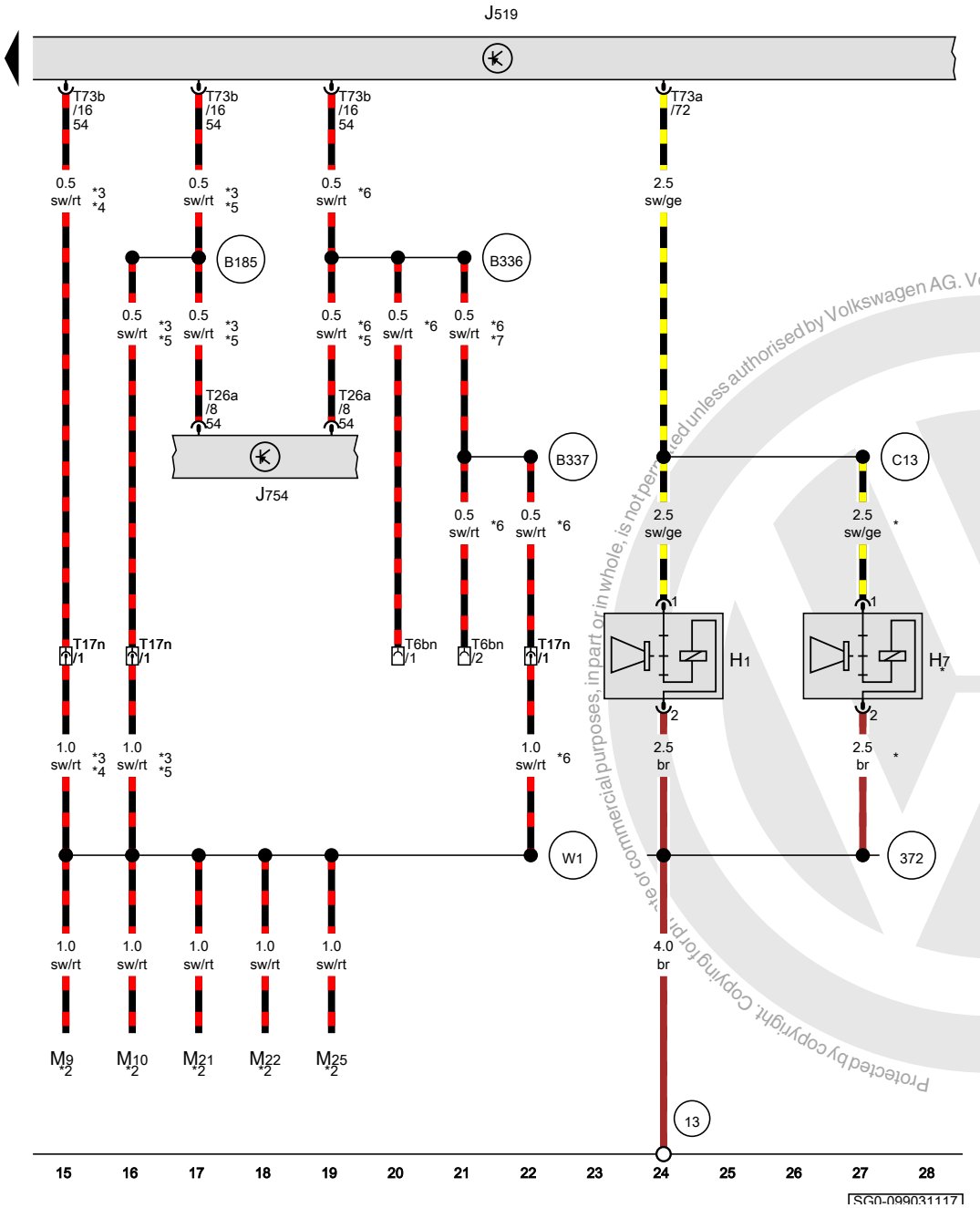
Horn or dual tone horn, Bass horn, Onboard supply control unit, Accident data memory



H1	Horn or dual tone horn
H7	Bass horn
J519	Onboard supply control unit
J754	Accident data memory, under front passenger seat
M9	Left brake light bulb
M10	Right brake light bulb
M21	Left brake and tail light bulb
M22	Right brake and tail light bulb
M25	High-level brake light bulb
T6bn	6-pin connector, grey, under seat on front left
T17n	17-pin connector, light green, under seat on front left
T26a	26-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
13	Earth point, on right in engine compartment
372	Earth connection 7, in main wiring harness
B185	Connection 2 (54), in interior wiring harness
B336	Connection 2 (54), in main wiring harness
B337	Connection 3 (54), in main wiring harness
C13	Positive connection in dual tone horn wiring harness
W1	Positive connection 1 (54), in rear wiring harness
*	For models with dual tone horn
*2	see applicable current flow diagram for tail lights
*3	For models with no electric interface
*4	For models with no accident data recorder
*5	For models with accident data recorder
*6	For models with electric interface for external use
*7	Wire could be cut by special vehicle manufacturer

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Power latching for rear lid , (GY1),(4E0),(4E3),(4E4),(4E8)

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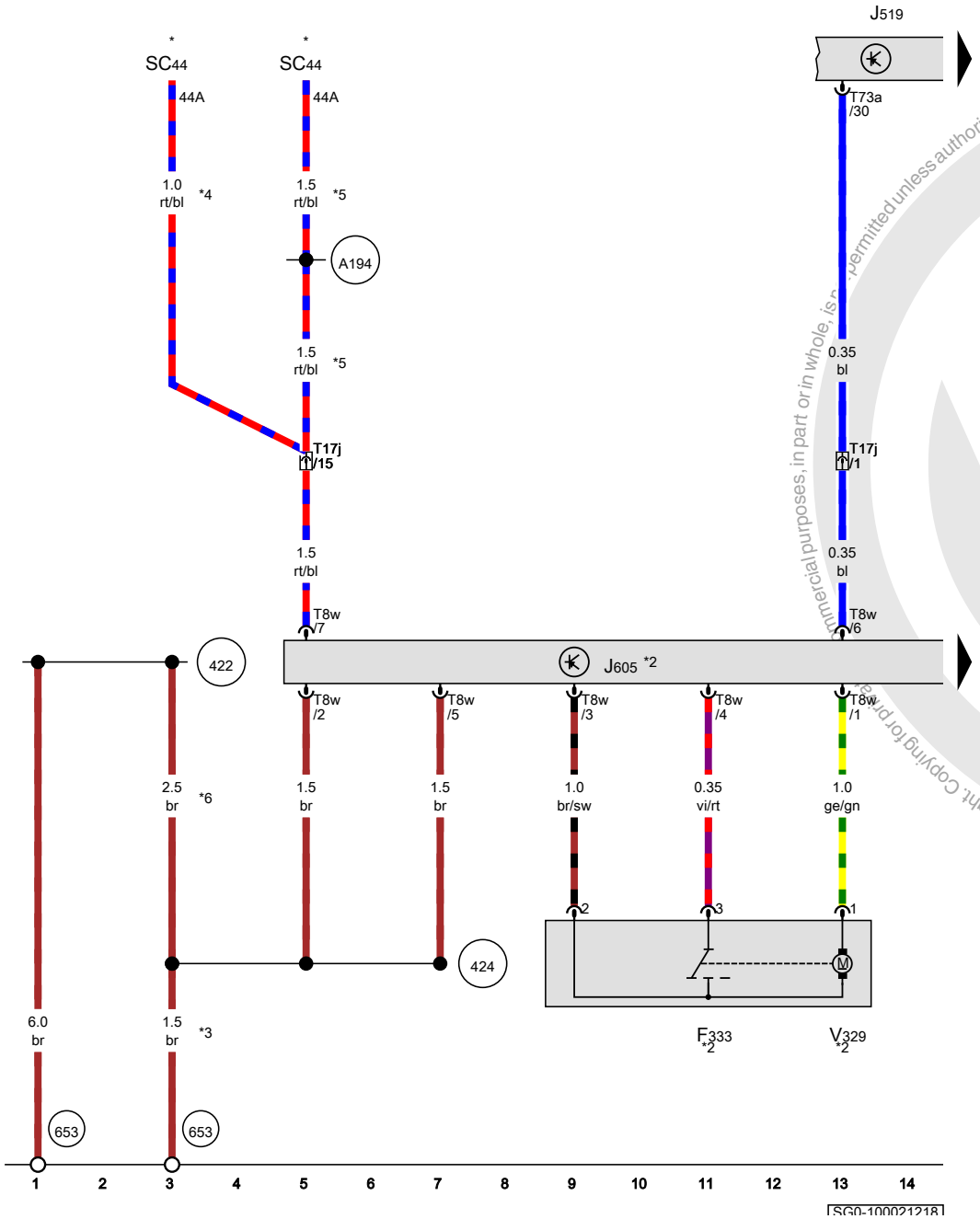
Power latching system limit switch, luggage compartment locked, Onboard supply control unit, Rear lid control unit, Fuse 44 on fuse holder C, Power latching motor



F333	Power latching system limit switch, luggage compartment locked
J519	Onboard supply control unit
J605	Rear lid control unit
SC44	Fuse 44 on fuse holder C
T8w	8-pin connector, black
T17j	17-pin connector, white, under seat on front left
T73a	73-pin connector, black
V329	Power latching motor
422	Earth connection 1, in left rear end wiring harness
424	Earth connection 2, in left rear end wiring harness
653	Earth point, on left D-pillar
A194	Connection (convenience system) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with no electric rear lid opener
*3	For models with no power latching system in sliding door
*4	For models with no central locking
*5	For models with central locking
*6	For models with power latching system in right sliding door or left and right

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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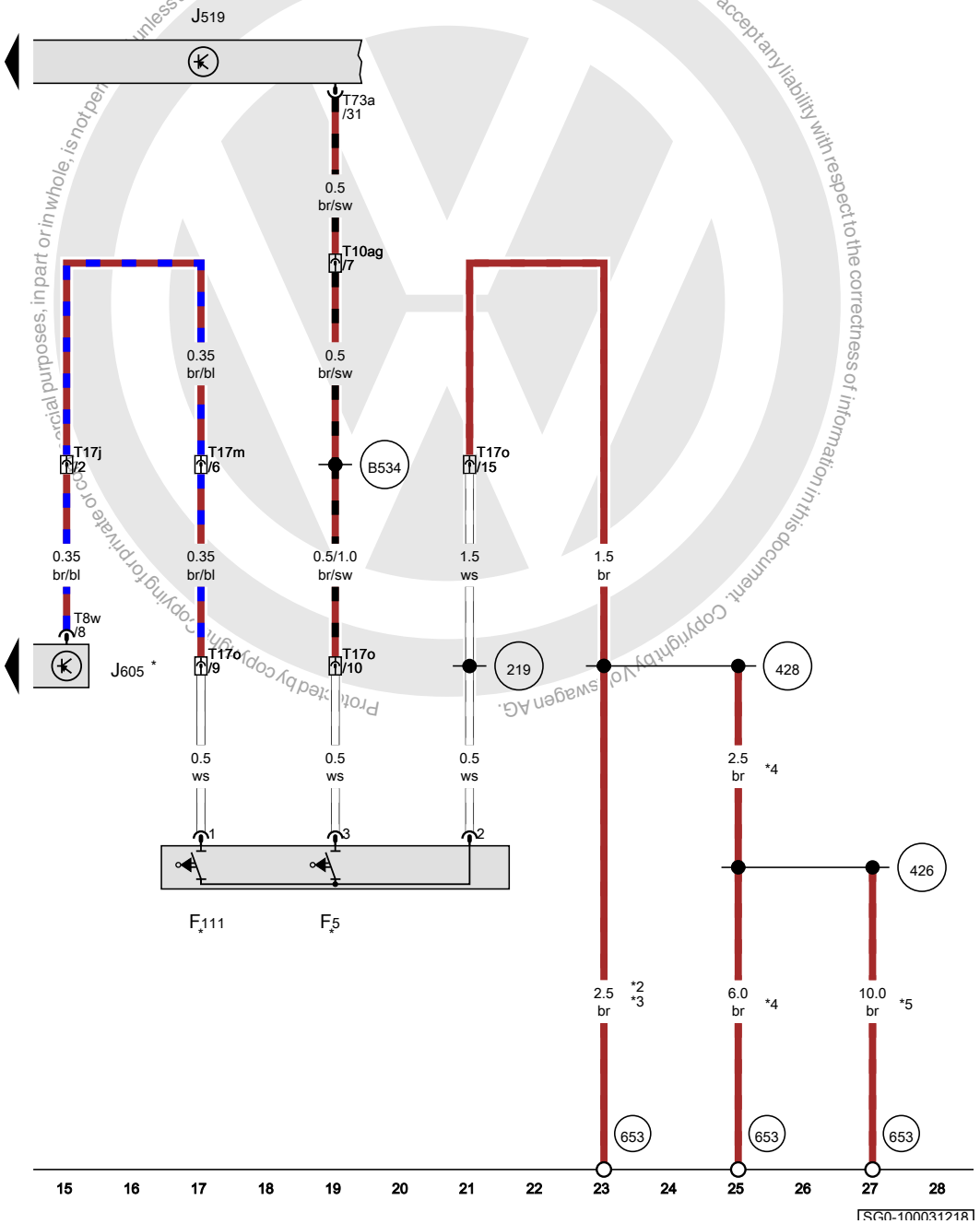

Luggage compartment light switch, Rear lid contact switch, Onboard supply control unit, Rear lid control unit

F5	Luggage compartment light switch
F111	Rear lid contact switch
J519	Onboard supply control unit
J605	Rear lid control unit
T8w	8-pin connector, black
T10ag	10-pin connector, brown, in left A-pillar coupling station
T17j	17-pin connector, white, under seat on front left
T17m	17-pin connector, red, in left A-pillar coupling station
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
T73a	73-pin connector, black
219	Earth connection 2, in rear lid wiring harness
426	Earth connection 3, in left rear end wiring harness
428	Earth connection 4, in left rear end wiring harness
653	Earth point, on left D-pillar
B534	Connection 1 (luggage compartment switch), in roof wiring harness
*	For models with no electric rear lid opener
*2	For models with no heated rear window
*3	For models with no trailer socket
*4	For models with trailer socket or heated rear window
*5	For models with trailer socket and heated rear window

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Cruise control system (CCS) , CAAA,CAAB,CAAC,CFCA,(8T1),(8T2)

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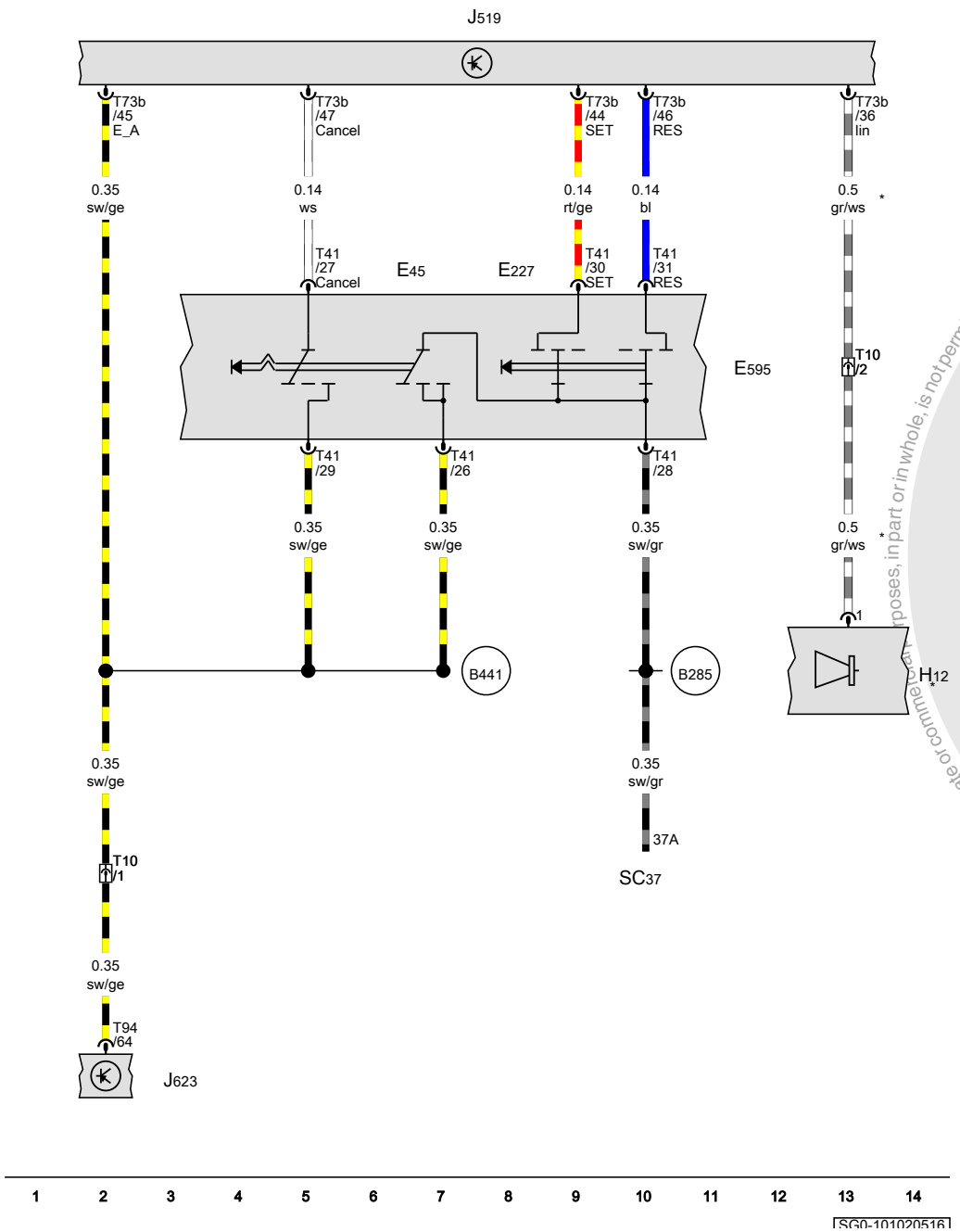
Cruise control system switch, Steering column combination switch, Alarm horn, Onboard supply control unit, Engine control unit, Fuse 37 on fuse holder C



E45	Cruise control system switch
E227	Cruise control system (CCS) SET button
E595	Steering column combination switch
H12	Alarm horn
J519	Onboard supply control unit
J623	Engine control unit
SC37	Fuse 37 on fuse holder C
T10	10-pin connector, black, in E-box
T41	41-pin connector, grey
T73b	73-pin connector, white
T94	94-pin connector, black
B285	Positive connection 9 (15a) in main wiring harness
B441	Connection (CCS), in main wiring harness
*	For models with anti-theft alarm system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Cruise control system (CCS) , CJKA,CJKB,CXEB,CXEC,CXFA,CXGA,CXGB,CXHA,CXHB,(8T2),(8T3),(8T5)

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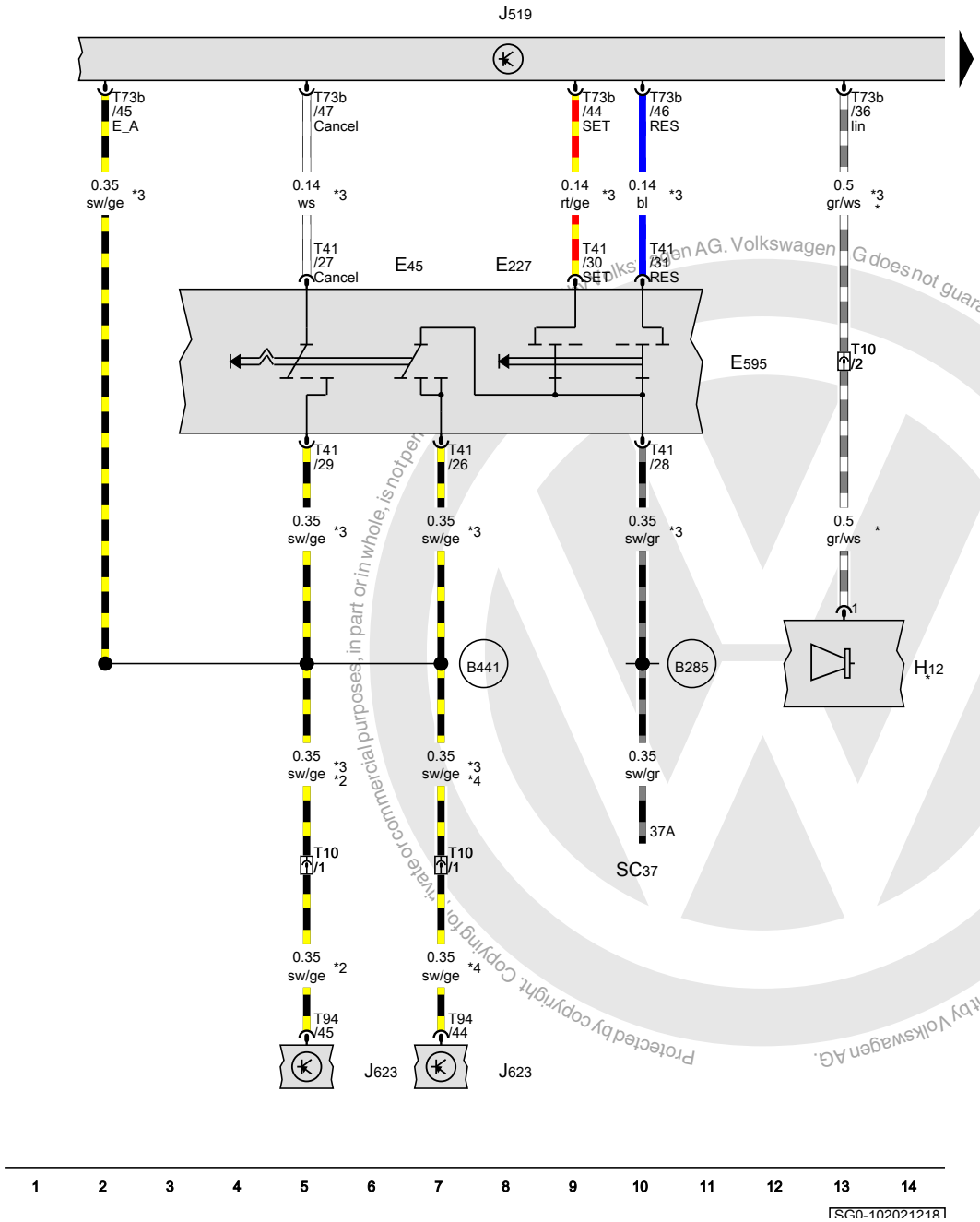
Cruise control system switch, Steering column combination switch, Alarm horn, Onboard supply control unit, Engine/ motor control unit, Fuse 37 on fuse holder C



E45	Cruise control system switch
E227	Cruise control system (CCS) SET button
E595	Steering column combination switch
H12	Alarm horn
J519	Onboard supply control unit
J623	Engine/motor control unit
SC37	Fuse 37 on fuse holder C
T10	10-pin connector, black, in E-box
T41	41-pin connector, grey
T73b	73-pin connector, white
T94	94-pin connector, black
B285	Positive connection 9 (15a) in main wiring harness
B441	Connection (CCS), in main wiring harness
*	For models with anti-theft alarm system
*2	For models with petrol engine
*3	For models with no multifunction steering wheel
*4	For models with diesel engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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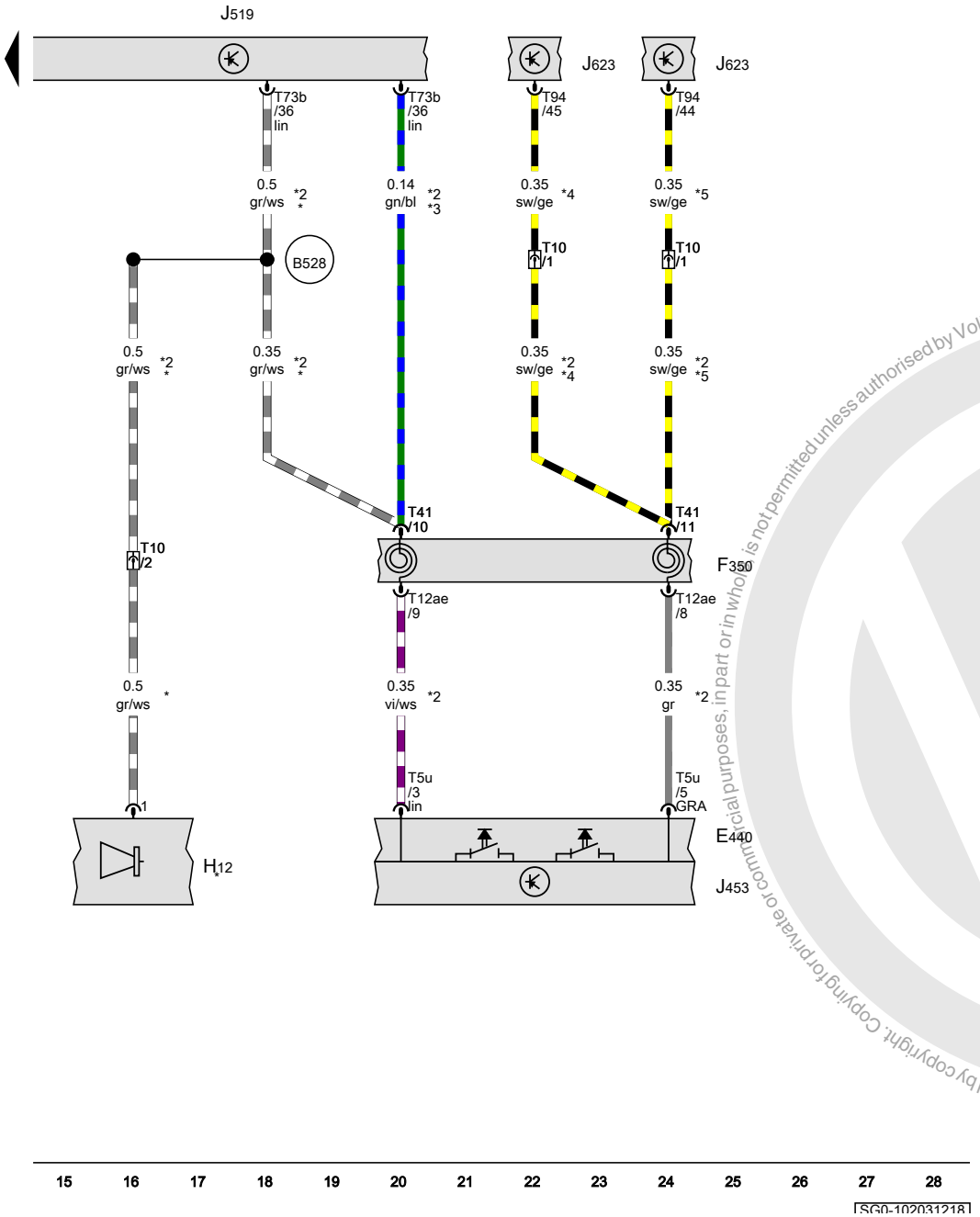
Multifunction buttons on left in steering wheel, Coil connector, Alarm horn, Multifunction steering wheel control unit, Onboard supply control unit, Engine/motor control unit



E440	Multifunction buttons on left in steering wheel
F350	Coil connector, in steering wheel
H12	Alarm horn
J453	Multifunction steering wheel control unit
J519	Onboard supply control unit
J623	Engine/motor control unit
T5u	5-pin connector, black
T10	10-pin connector, black, in E-box
T12ae	12-pin connector, yellow
T41	41-pin connector, grey
T73b	73-pin connector, white
T94	94-pin connector, black
(B528)	Connection 1 (LIN bus) in main wiring harness
*	For models with anti-theft alarm system
*2	For models with multifunction steering wheel
*3	For models with no anti-theft alarm system
*4	For models with petrol engine
*5	For models with diesel engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Taxi equipment , (4L2),(4L3),(4L6),(5FB)

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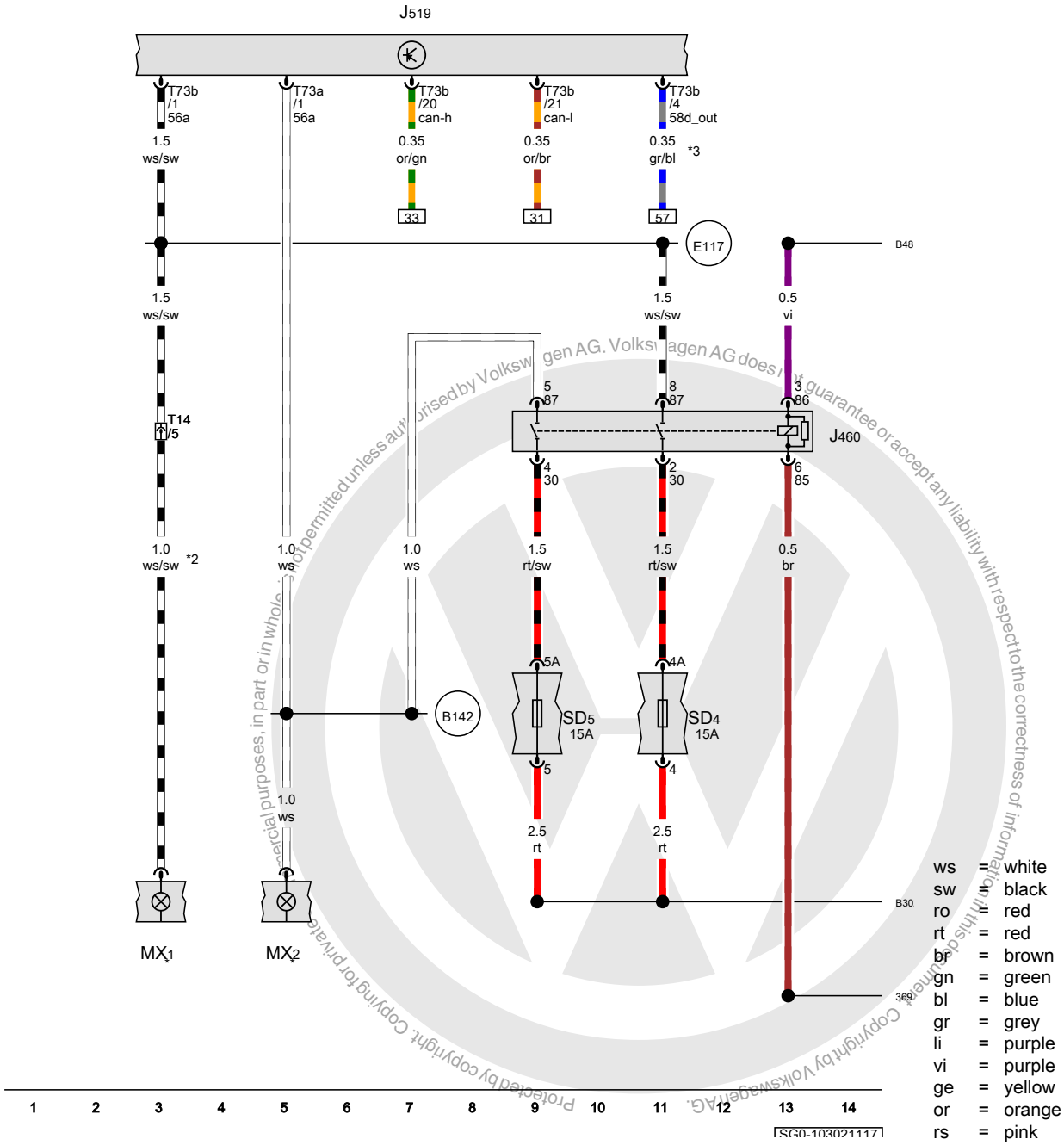
Alarm system relay 1, Onboard supply control unit, Fuse 4 on fuse holder D, Fuse 5 on fuse holder D



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

J460	Alarm system relay 1
J519	Onboard supply control unit
MX1	Front left headlight
MX2	Front right headlight
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T14	14-pin connector, black, near horn, dual tone horn
T73a	73-pin connector, black
T73b	73-pin connector, white
369	Earth connection 4, in main wiring harness
B142	Positive connection 2 (56a), in interior wiring harness
B302	Positive connection 6 (30), in main wiring harness
B481	Connection 17, in main wiring harness
E117	Connection (56a, left), in dash panel wiring harness
*	see applicable current flow diagram for headlights
*2	Cross-section 1.5 possible
*3	For models with no dimmable instrument illumination

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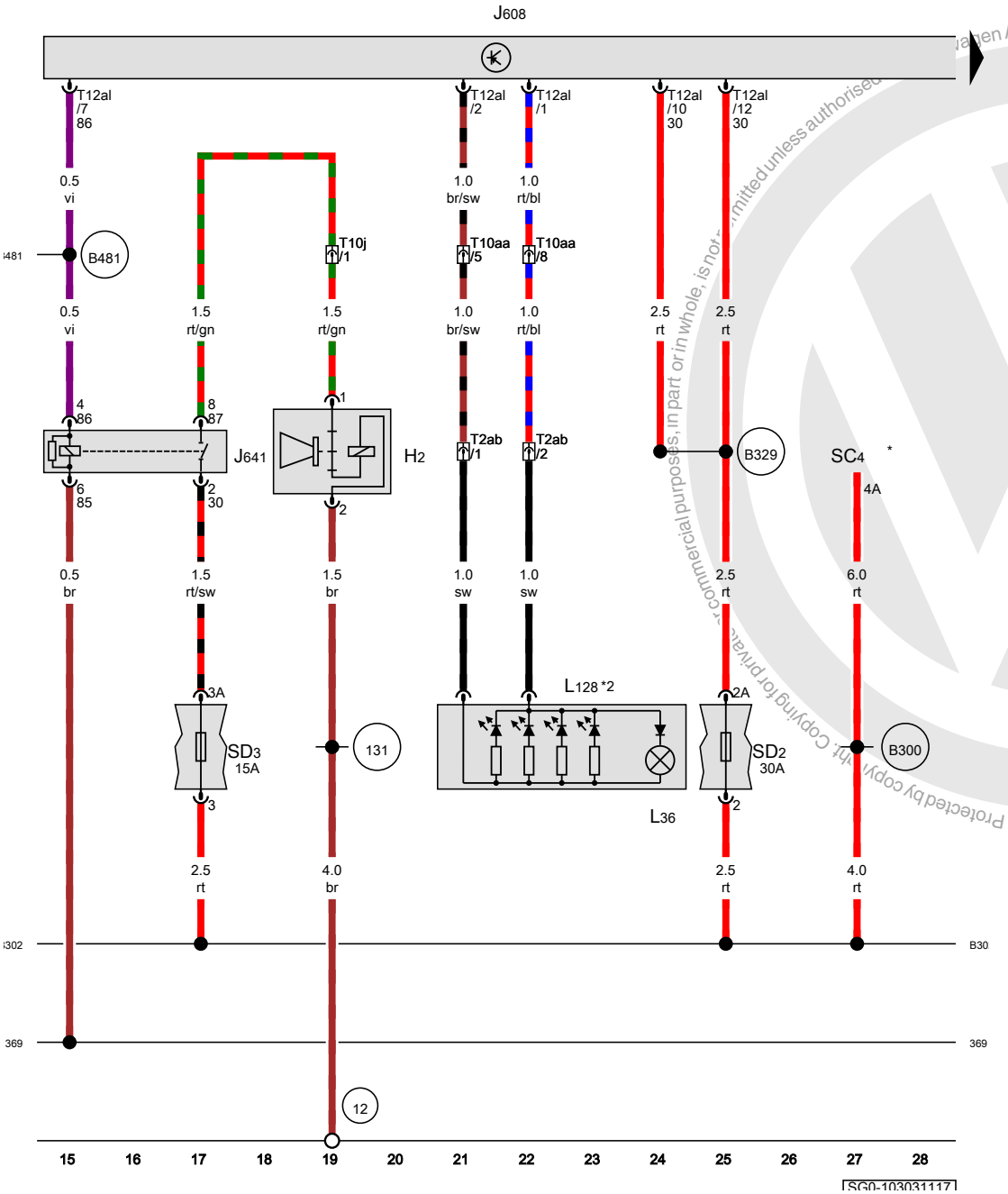
Special vehicle control unit, Alarm horn relay, Taxi roof sign light bulb, Taxi silent alarm bulb, Fuse 2 on fuse holder D, Fuse 3 on fuse holder D



H2	Treble horn
J608	Special vehicle control unit
J641	Alarm horn relay
L36	Taxi roof sign light bulb
L128	Taxi silent alarm bulb
SD2	Fuse 2 on fuse holder D
SD3	Fuse 3 on fuse holder D
SC4	Fuse 4 on fuse holder C
T2ab	2-pin connector, black, on upper section of left B-pillar
T10aa	10-pin connector, dark brown, under seat on front left
T10j	10-pin connector, dark brown, in E-box in engine compartment
T12al	12-pin connector, black, under front passenger seat
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
369	Earth connection 4, in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
B329	Positive connection 15 (30a) in main wiring harness
B481	Connection 17, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Special equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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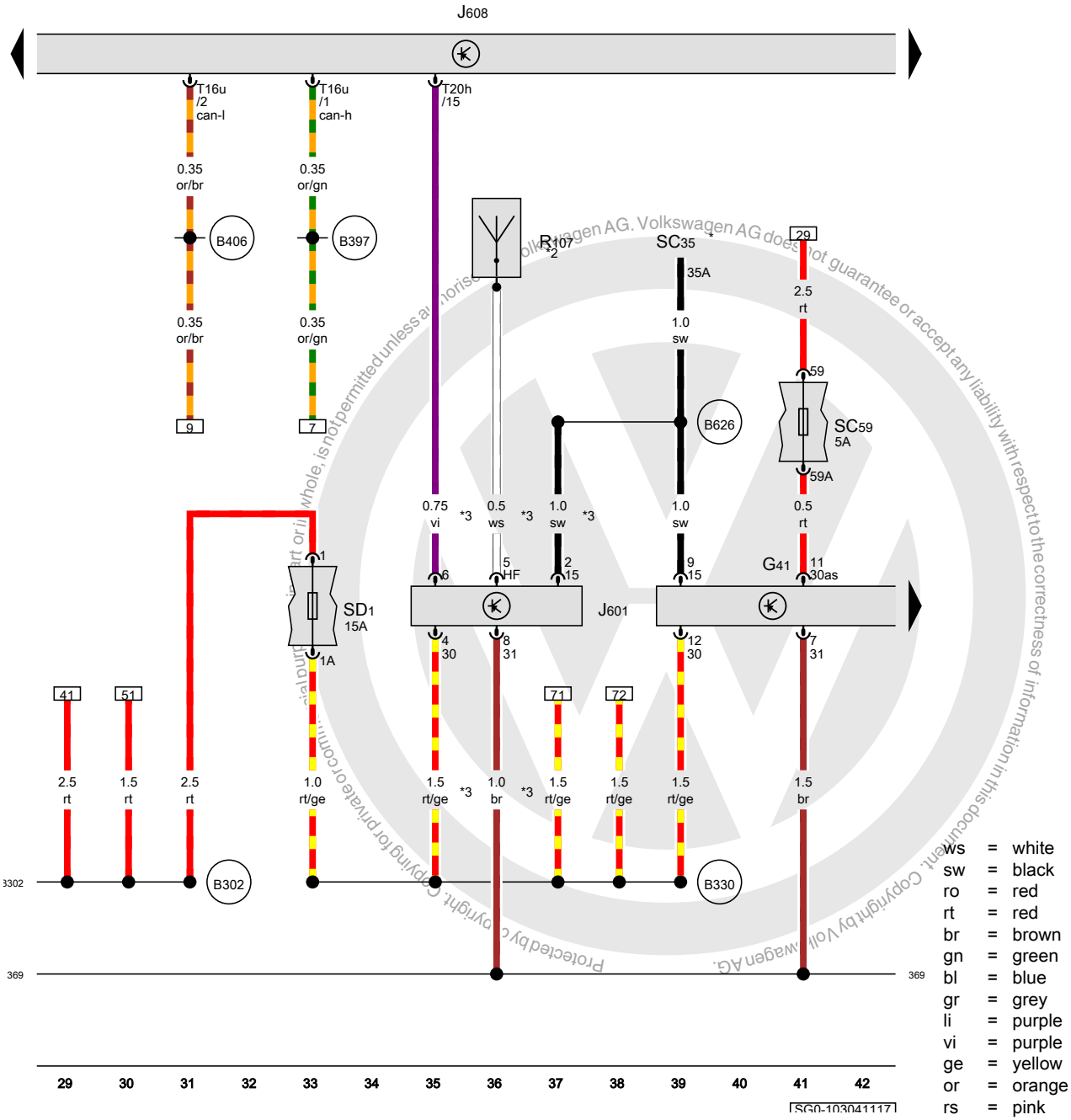

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Taximeter, Taxi alarm remote control, control unit, Special vehicle control unit, Remote controlled taxi alarm aerial, Fuse 1 on fuse holder D, Fuse 35 on fuse holder C, Fuse 59 on fuse holder C

G41	Taximeter
J601	Taxi alarm remote control, control unit
J608	Special vehicle control unit
R107	Remote controlled taxi alarm aerial
SD1	Fuse 1 on fuse holder D
SC35	Fuse 35 on fuse holder C
SC59	Fuse 59 on fuse holder C
T16u	16-pin connector, brown, under front passenger seat
T20h	20-pin connector, red, under front passenger seat
369	Earth connection 4, in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
B330	Positive connection 16 (30a) in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B626	Positive connection 2 (15), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Wiring open end
*3	Up to November 2016

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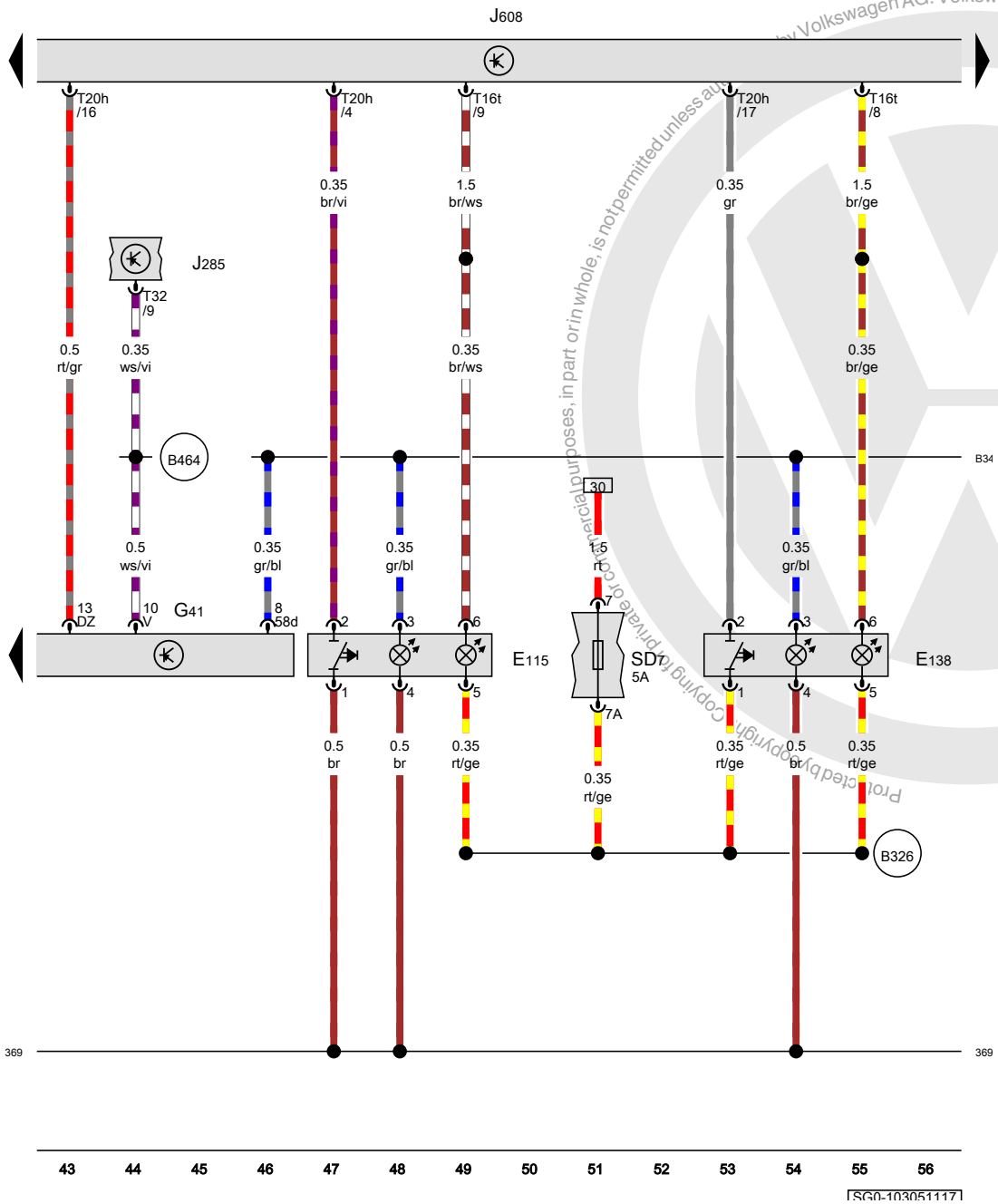
Interior light switch (taxi), Taxi sign switch, Taximeter, Control unit in dash panel insert, Special vehicle control unit, Fuse 7 on fuse holder D



E115	Interior light switch (taxi)
E138	Taxi sign switch
G41	Taximeter
J285	Control unit in dash panel insert
J608	Special vehicle control unit
SD7	Fuse 7 on fuse holder D
T16t	16-pin connector, black, under front passenger seat
T20h	20-pin connector, red, under front passenger seat
T32	32-pin connector, blue
369	Earth connection 4, in main wiring harness
B326	Positive connection 12 (30a) in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B464	Connection (speed signal), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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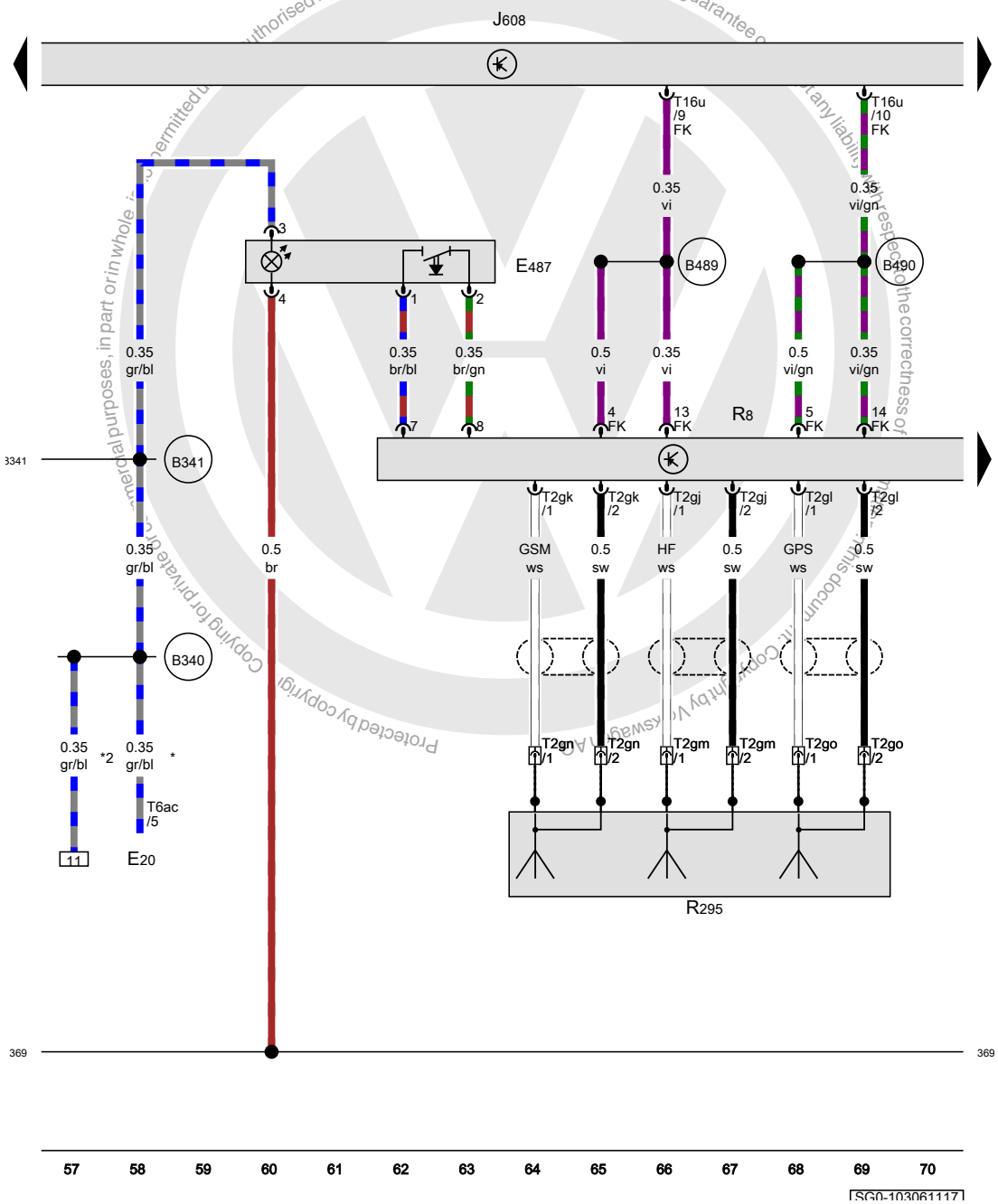

Switch and instrument illumination regulator, Hands-free system button, Special vehicle control unit, Two-way radio, Two-way radio aerial

E20	Switch and instrument illumination regulator
E487	Hands-free system button
J608	Special vehicle control unit
R8	Two-way radio, in glove compartment
R295	Two-way radio aerial, in rear part of roof
T2gj	2-pin connector
T2gk	2-pin connector, purple
T2gl	2-pin connector, blue
T2gm	2-pin connector, yellow, in rear part of roof
T2gn	2-pin connector, purple, in rear part of roof
T2go	2-pin connector, blue, in rear part of roof
T6ac	6-pin connector, black
T16u	16-pin connector, brown, under front passenger seat
369	Earth connection 4, in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B489	Connection 25, in main wiring harness
B490	Connection 26, in main wiring harness
*	For models with dimmable instrument illumination
*2	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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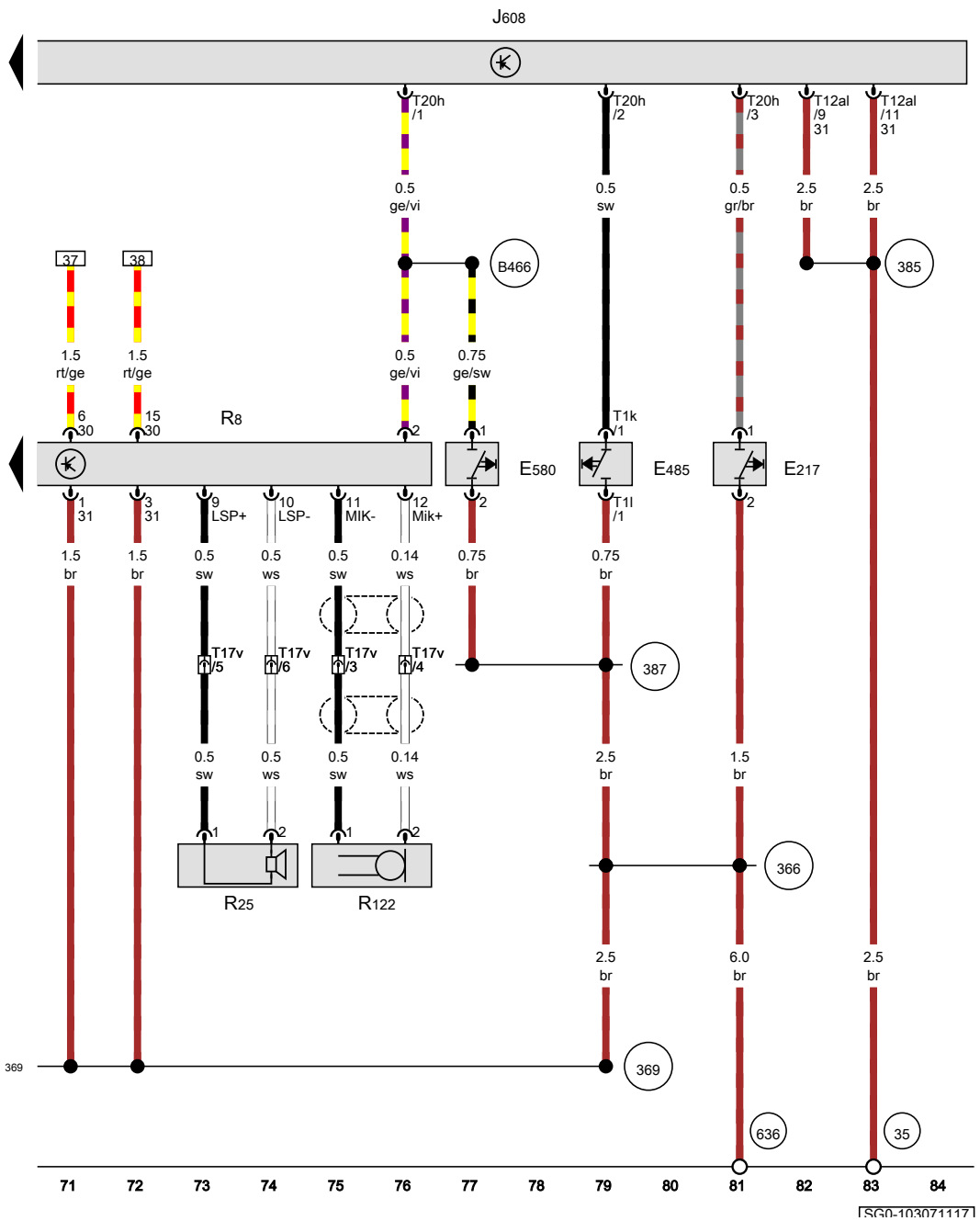

Alarm system off switch, Taxi alarm active button, Passive Taxi alarm button, Special vehicle control unit, Two-way radio

E217	Alarm system off switch
E485	Taxi alarm active button
E580	Passive Taxi alarm button
J608	Special vehicle control unit
R8	Two-way radio, in glove compartment
R25	Two-way radio loudspeaker
R122	2-way radio unit microphone
T1k	1-pin connector, colourless
T1l	1-pin connector, colourless
T12al	12-pin connector, black, under front passenger seat
T17v	17-pin connector, grey, on left A-pillar
T20h	20-pin connector, red, under front passenger seat
35	Earth point, under front passenger seat
366	Earth connection 1, in main wiring harness
369	Earth connection 4, in main wiring harness
385	Earth connection 20, in main wiring harness
387	Earth connection 22, in main wiring harness
636	Earth point, onboard supply control unit
B466	Connection 2, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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Taxi equipment , (4L8),(5FA),(5FD)

From June 2016

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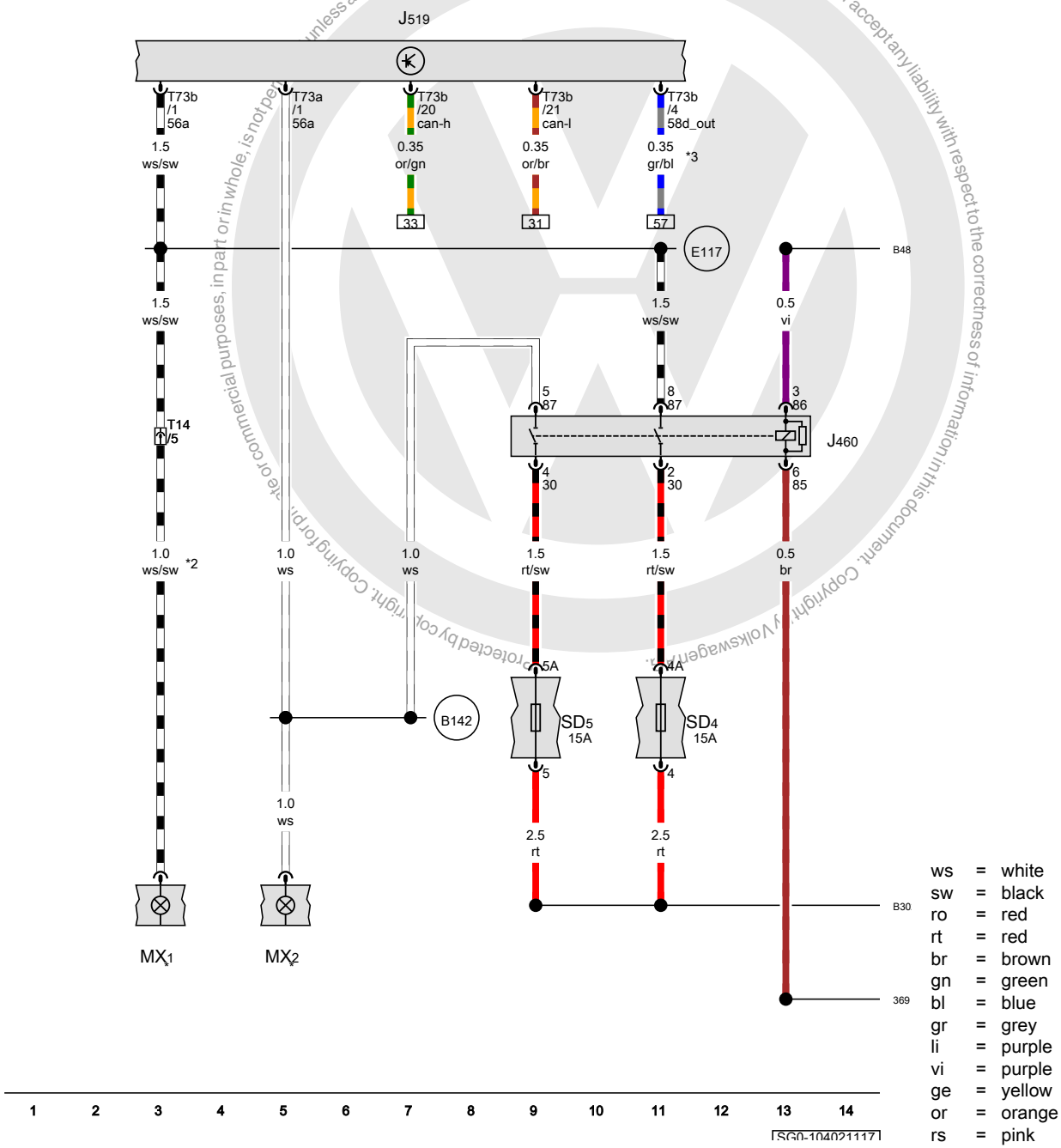
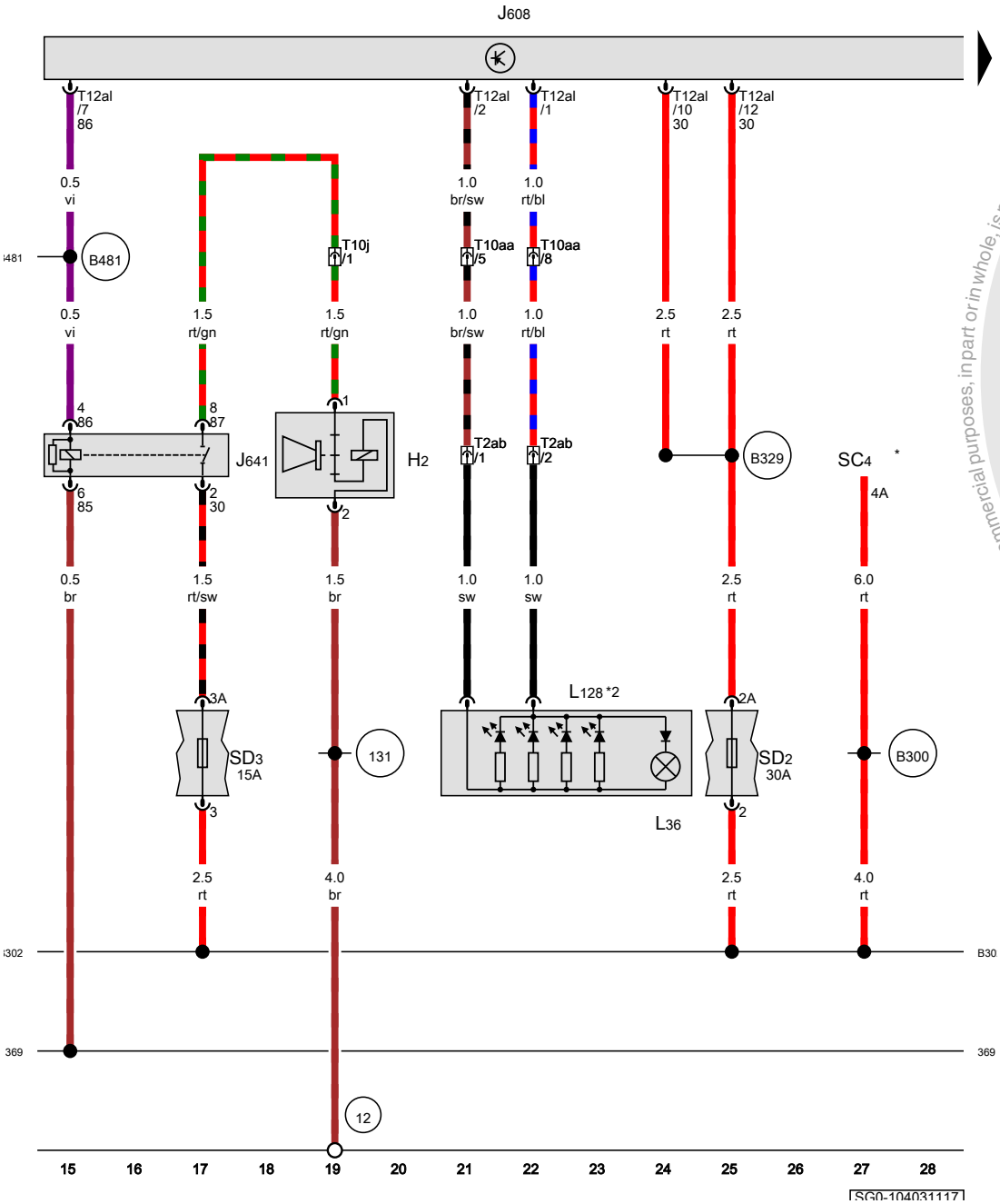


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Alarm system relay 1, Onboard supply control unit, Fuse 4 on fuse holder D, Fuse 5 on fuse holder D

J460	Alarm system relay 1
J519	Onboard supply control unit
MX1	Front left headlight
MX2	Front right headlight
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T14	14-pin connector, black, near horn, dual tone horn
T73a	73-pin connector, black
T73b	73-pin connector, white
369	Earth connection 4, in main wiring harness
B142	Positive connection 2 (56a), in interior wiring harness
B302	Positive connection 6 (30), in main wiring harness
B481	Connection 17, in main wiring harness
E117	Connection (56a, left), in dash panel wiring harness
*	see applicable current flow diagram for headlights
*2	Cross-section 1.5 possible
*3	For models with no dimmable instrument illumination

Special vehicle control unit, Alarm horn relay, Taxi roof sign light bulb, Taxi silent alarm bulb, Fuse 2 on fuse holder D, Fuse 3 on fuse holder D



H2	Treble horn
J608	Special vehicle control unit
J641	Alarm horn relay
L36	Taxi roof sign light bulb
L128	Taxi silent alarm bulb
SD2	Fuse 2 on fuse holder D
SD3	Fuse 3 on fuse holder D
SC4	Fuse 4 on fuse holder C
T2ab	2-pin connector, black, on upper section of left B-pillar
T10aa	10-pin connector, dark brown, under seat on front left
T10j	10-pin connector, dark brown, in E-box in engine compartment
T12al	12-pin connector, black, under front passenger seat
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
369	Earth connection 4, in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
B329	Positive connection 15 (30a) in main wiring harness
B481	Connection 17, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Special equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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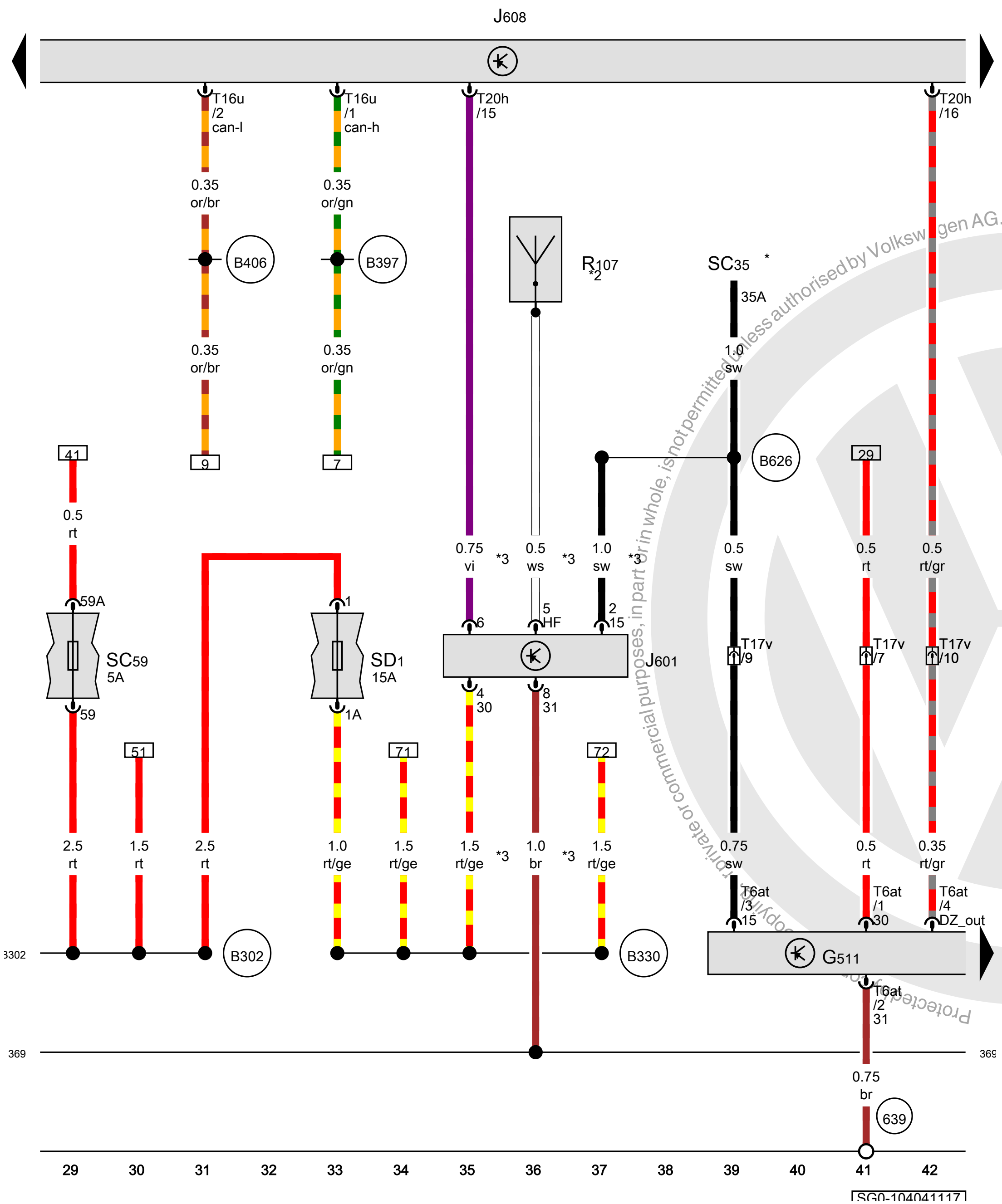

Mirror taximeter, Taxi alarm remote control, control unit, Special vehicle control unit, Remote controlled taxi alarm aerial, Fuse 1 on fuse holder D, Fuse 35 on fuse holder C, Fuse 59 on fuse holder C

G511	Mirror taximeter
J601	Taxi alarm remote control, control unit
J608	Special vehicle control unit
R107	Remote controlled taxi alarm aerial
SD1	Fuse 1 on fuse holder D
SC35	Fuse 35 on fuse holder C
SC59	Fuse 59 on fuse holder C
T6at	6-pin connector, blue
T16u	16-pin connector, brown, under front passenger seat
T17v	17-pin connector, grey, on left A-pillar
T20h	20-pin connector, red, under front passenger seat
369	Earth connection 4, in main wiring harness
639	Earth point, left A-pillar
B302	Positive connection 6 (30), in main wiring harness
B330	Positive connection 16 (30a) in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B626	Positive connection 2 (15), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Wiring open end
*3	Up to November 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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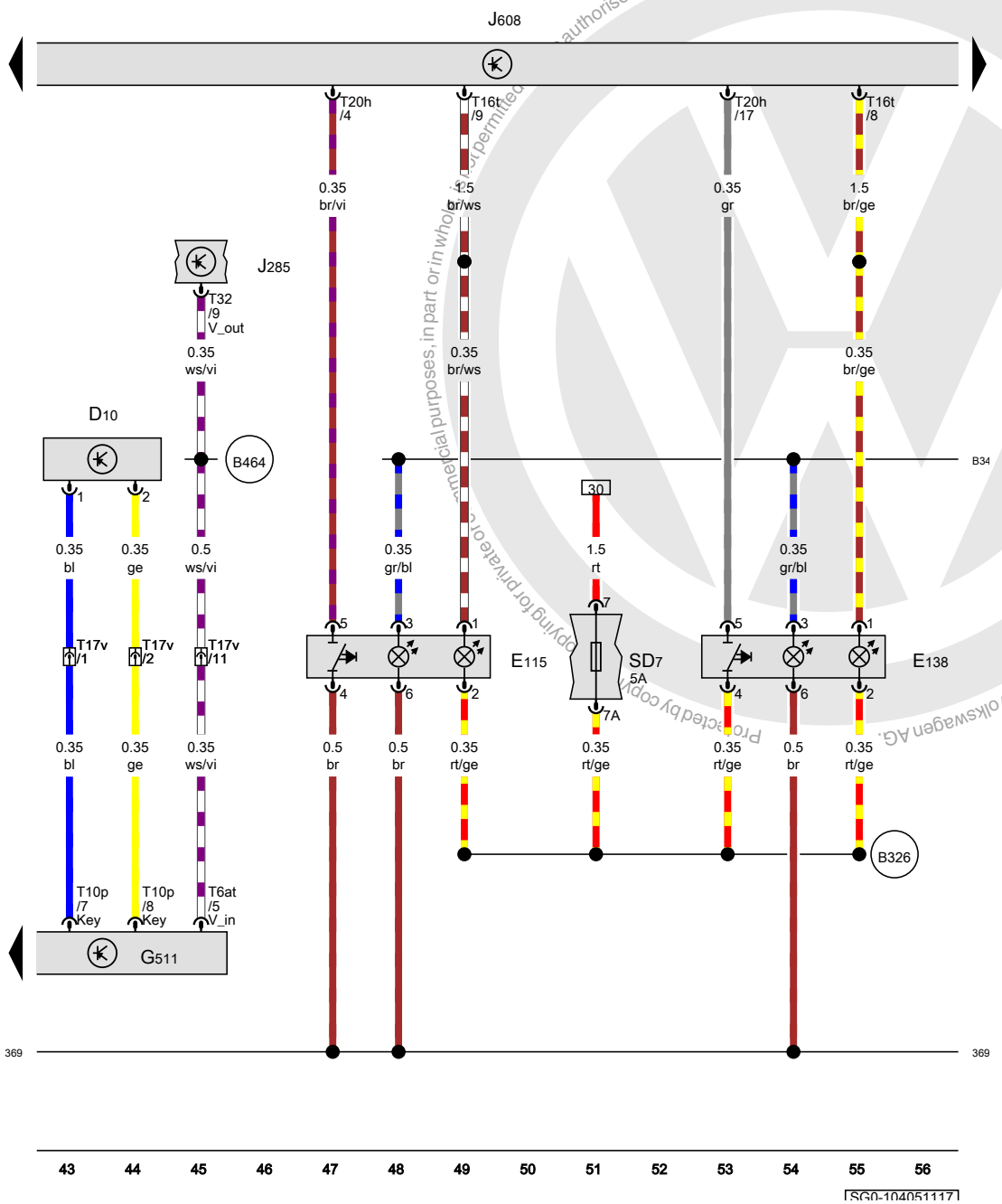

Interior light switch (taxi), Taxi sign switch, Mirror taximeter, Control unit in dash panel insert, Special vehicle control unit, Fuse 7 on fuse holder D

D10	Reader unit for taxi charge system
E115	Interior light switch (taxi)
E138	Taxi sign switch
G511	Mirror taximeter
J285	Control unit in dash panel insert
J608	Special vehicle control unit
SD7	Fuse 7 on fuse holder D
T6at	6-pin connector, blue
T10p	10-pin connector, red
T16t	16-pin connector, black, under front passenger seat
T17v	17-pin connector, grey, on left A-pillar
T20h	20-pin connector, red, under front passenger seat
T32	32-pin connector, blue
369	Earth connection 4, in main wiring harness
B326	Positive connection 12 (30a) in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B464	Connection (speed signal), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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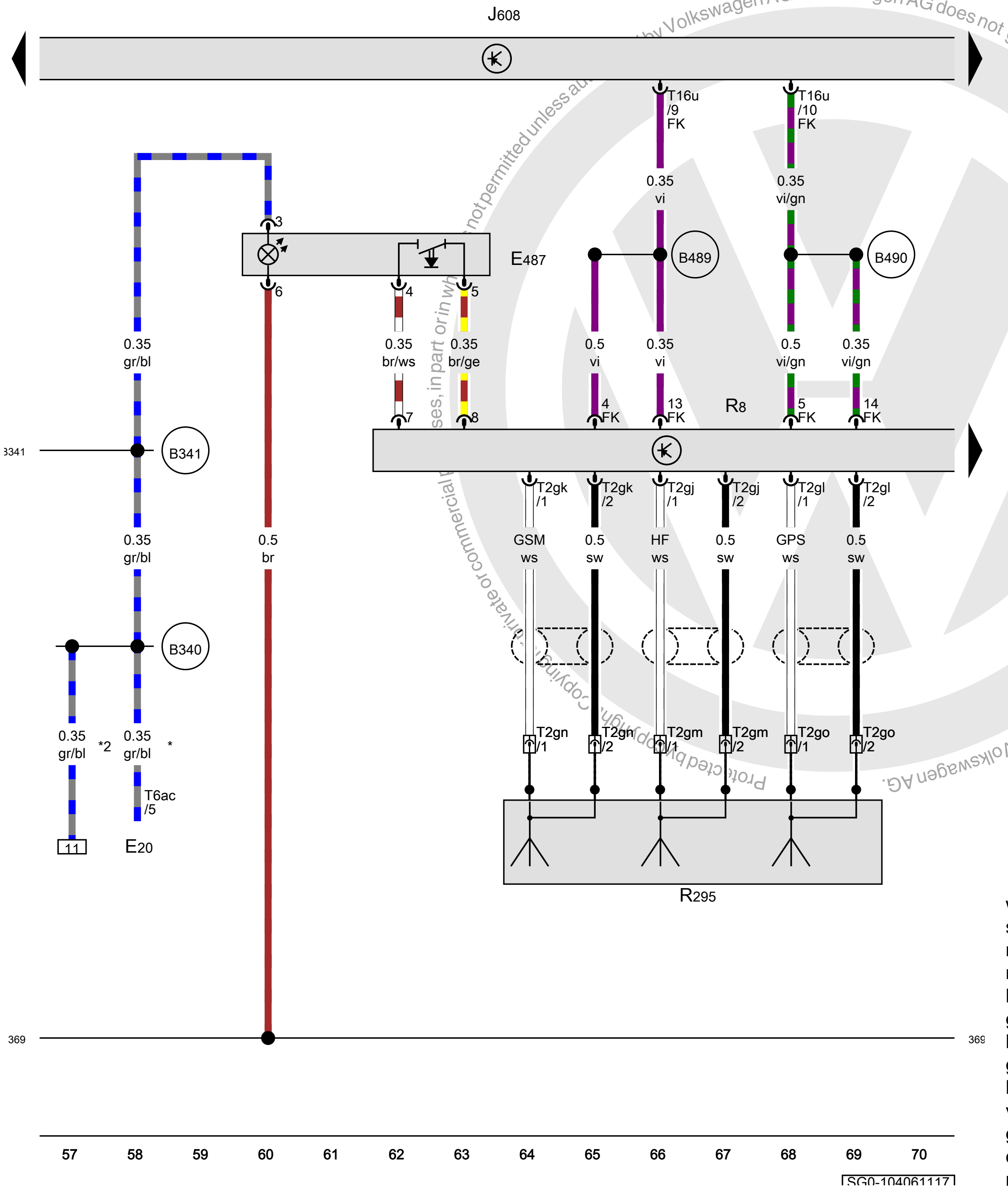
Switch and instrument illumination regulator, Hands-free system button, Special vehicle control unit, Two-way radio, Two-way radio aerial



E20	Switch and instrument illumination regulator
E487	Hands-free system button
J608	Special vehicle control unit
R8	Two-way radio, in glove compartment
R295	Two-way radio aerial, in rear part of roof
T2gj	2-pin connector
T2gk	2-pin connector, purple
T2gl	2-pin connector, blue
T2gm	2-pin connector, yellow, in rear part of roof
T2gn	2-pin connector, purple, in rear part of roof
T2go	2-pin connector, blue, in rear part of roof
T6ac	6-pin connector, black
T16u	16-pin connector, brown, under front passenger seat
369	Earth connection 4, in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B489	Connection 25, in main wiring harness
B490	Connection 26, in main wiring harness
*	For models with dimmable instrument illumination
*2	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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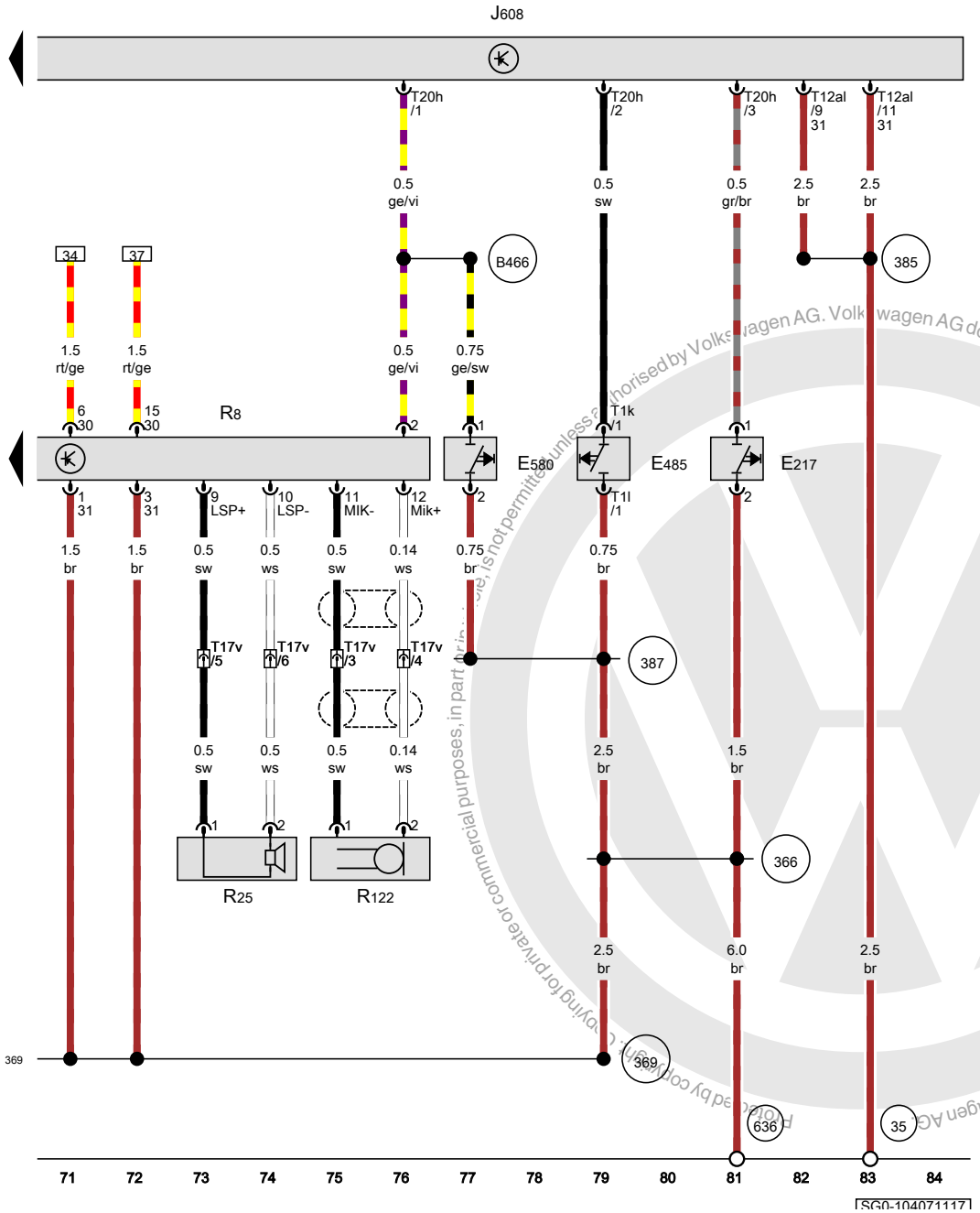

Alarm system off switch, Taxi alarm active button, Passive Taxi alarm button, Special vehicle control unit, Two-way radio

E217	Alarm system off switch
E485	Taxi alarm active button
E580	Passive Taxi alarm button
J608	Special vehicle control unit
R8	Two-way radio, in glove compartment
R25	Two-way radio loudspeaker
R122	2-way radio unit microphone
T1k	1-pin connector, colourless
T1l	1-pin connector, colourless
T12al	12-pin connector, black, under front passenger seat
T17v	17-pin connector, grey, on left A-pillar
T20h	20-pin connector, red, under front passenger seat
35	Earth point, under front passenger seat
366	Earth connection 1, in main wiring harness
369	Earth connection 4, in main wiring harness
385	Earth connection 20, in main wiring harness
387	Earth connection 22, in main wiring harness
636	Earth point, onboard supply control unit
B466	Connection 2, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Interface for external use , CFCA,CJKA,CJKB,CXEB,CXEC,CXFA,CXGA,CXGB,CXHA,CXHB,(IS1),(IS2),(IS7)

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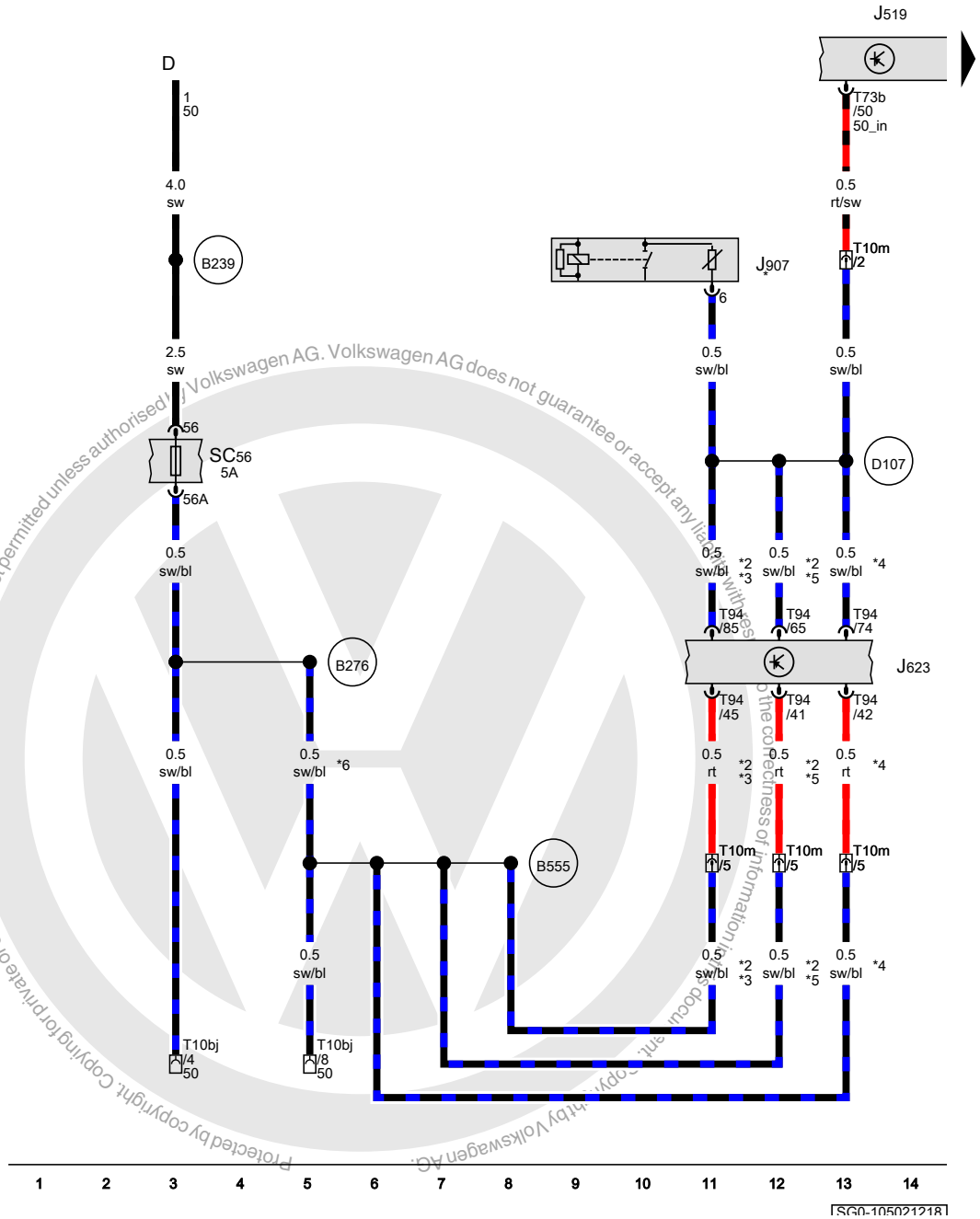
Ignition/starter switch, Onboard supply control unit, Fuse 56 on fuse holder C



D	Ignition/starter switch
J519	Onboard supply control unit
J623	Engine/motor control unit
J907	Starter relay 2
SC56	Fuse 56 on fuse holder C
T10bj	10-pin connector, yellow, under seat on front left
T10m	10-pin connector, light pink, in E-box
T73b	73-pin connector, white
T94	94-pin connector, black
B239	Positive connection 1 (50), in interior wiring harness
B276	Positive connection (50), in main wiring harness
B555	Positive connection 2 (50), in main wiring harness
D107	Connection 5 in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	For models with diesel engine
*3	For models with Euro 5 emission standard
*4	For models with petrol engine
*5	For models with Euro 6 emission standard
*6	Wire could be cut by special vehicle manufacturer

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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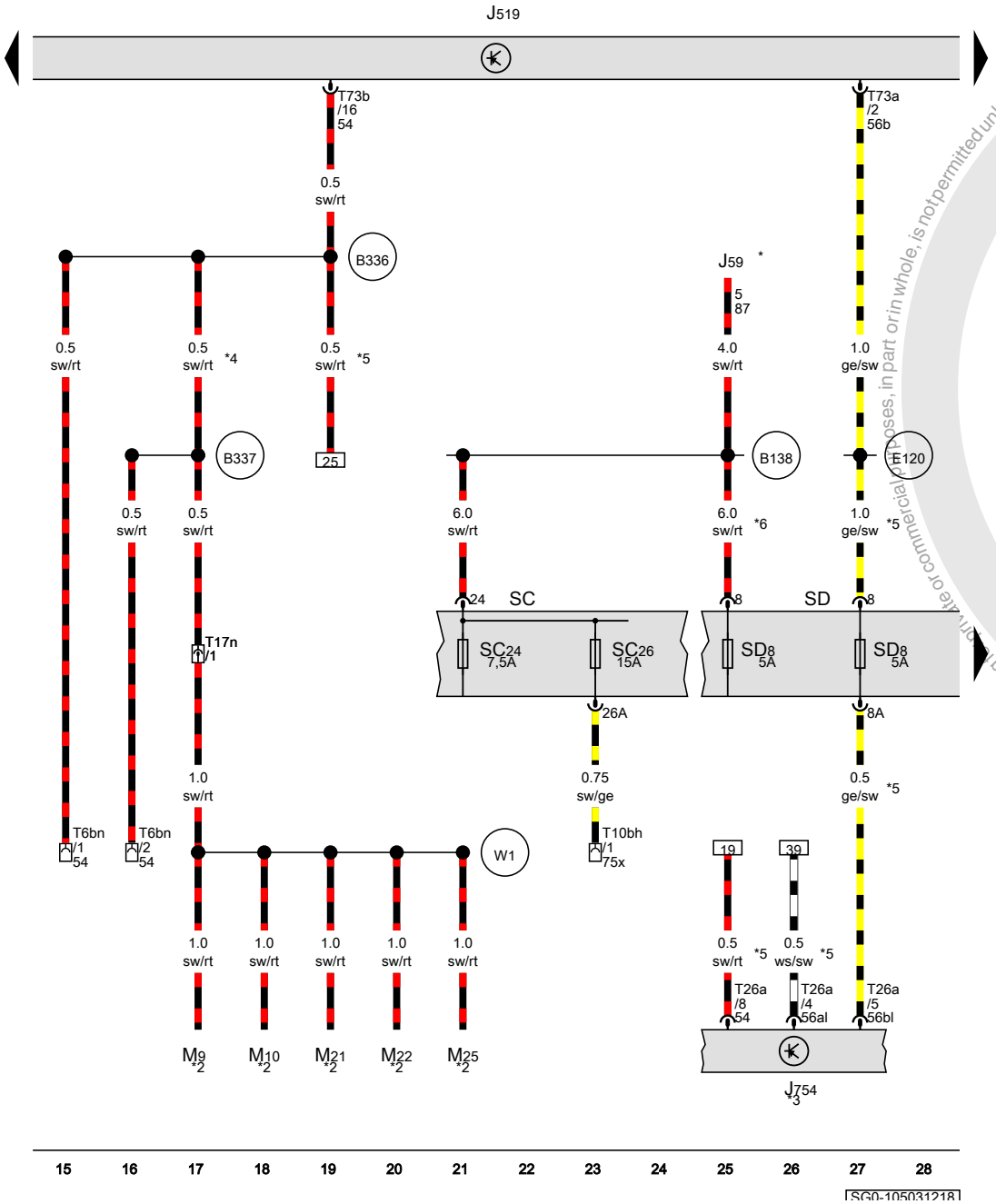
X-contact relief relay, Onboard supply control unit, Accident data memory, Fuse holder C, Fuse holder D



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

J59	X-contact relief relay
J519	Onboard supply control unit
J754	Accident data memory, under front passenger seat
M9	Left brake light bulb
M10	Right brake light bulb
M21	Left brake and tail light bulb
M22	Right brake and tail light bulb
M25	High-level brake light bulb
SC	Fuse holder C
SD8	Fuse 8 on fuse holder D
SC24	Fuse 24 on fuse holder C
SC26	Fuse 26 on fuse holder C
SD	Fuse holder D
T6bn	6-pin connector, grey, under seat on front left
T10bh	10-pin connector, purple, under seat on front left
T17n	17-pin connector, light green, under seat on front left
T26a	26-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
B138	Positive connection (X), in interior wiring harness
B336	Connection 2 (54), in main wiring harness
B337	Connection 3 (54), in main wiring harness
E120	Connection (56b, left), in dash panel wiring harness
W1	Positive connection 1 (54), in rear wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for tail light clusters
*3	see applicable current flow diagram
*4	Wire could be cut by special vehicle manufacturer
*5	According to equipment
*6	Up to November 2016

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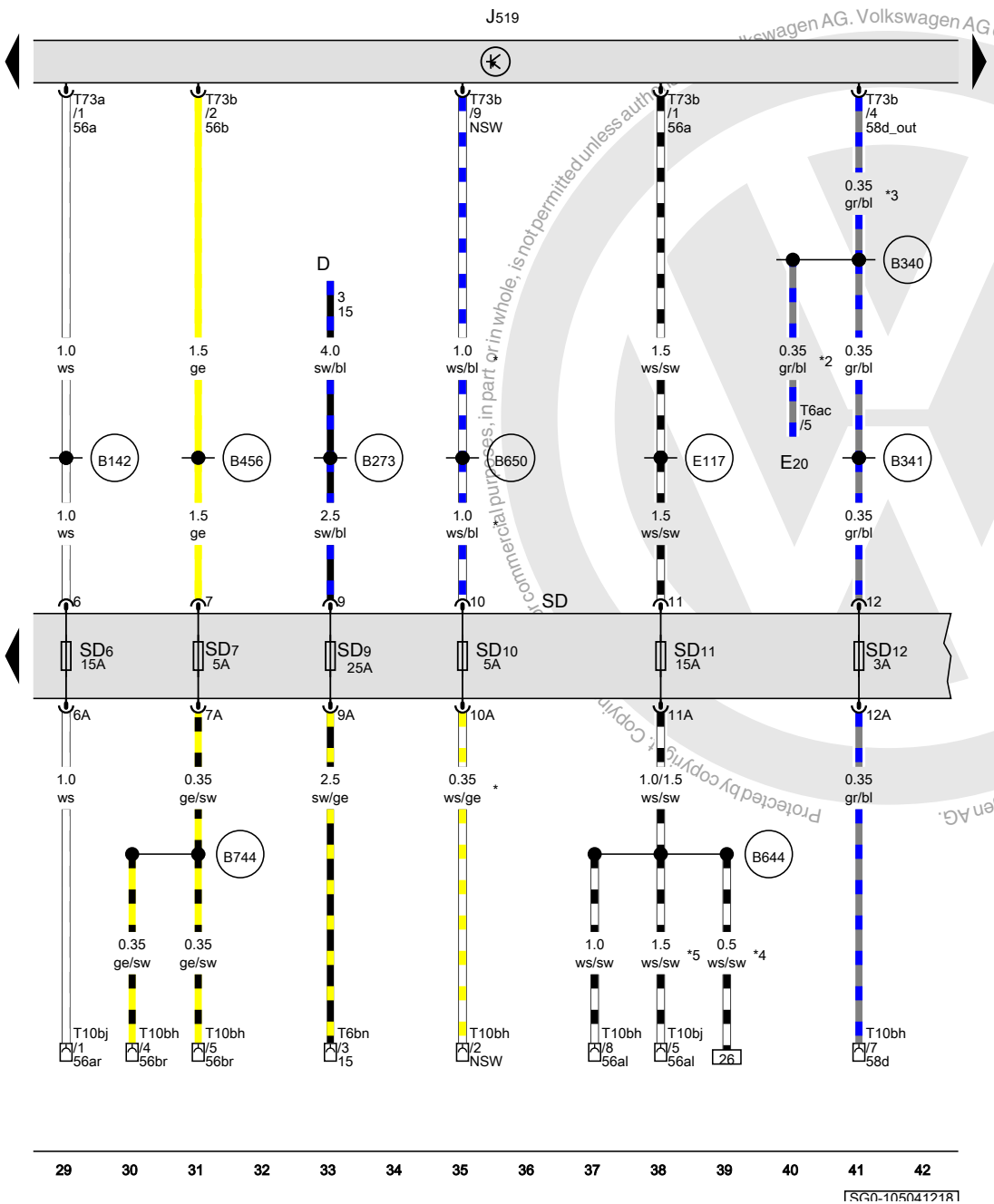

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Ignition/starter switch, Onboard supply control unit, Fuse holder D

D	Ignition/starter switch
E20	Switch and instrument illumination regulator
J519	Onboard supply control unit
SD	Fuse holder D
SD6	Fuse 6 on fuse holder D
SD7	Fuse 7 on fuse holder D
SD9	Fuse 9 on fuse holder D
SD10	Fuse 10 on fuse holder D
SD11	Fuse 11 on fuse holder D
SD12	Fuse 12 on fuse holder D
T6ac	6-pin connector, black
T6bn	6-pin connector, grey, under seat on front left
T10bh	10-pin connector, purple, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
B142	Positive connection 2 (56a), in interior wiring harness
B273	Positive connection (15), in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B456	Connection (56b), in main wiring harness
B644	Connection 3 (56a), in main wiring harness
B650	Connection 8, in interior wiring harness
B744	Connection 3 (56b), in main wiring harness
E117	Connection (56a, left), in dash panel wiring harness
*	For models with fog lights
*2	For models with dimmable instrument illumination
*3	For models with no dimmable instrument illumination
*4	According to equipment
*5	Up to November 2016

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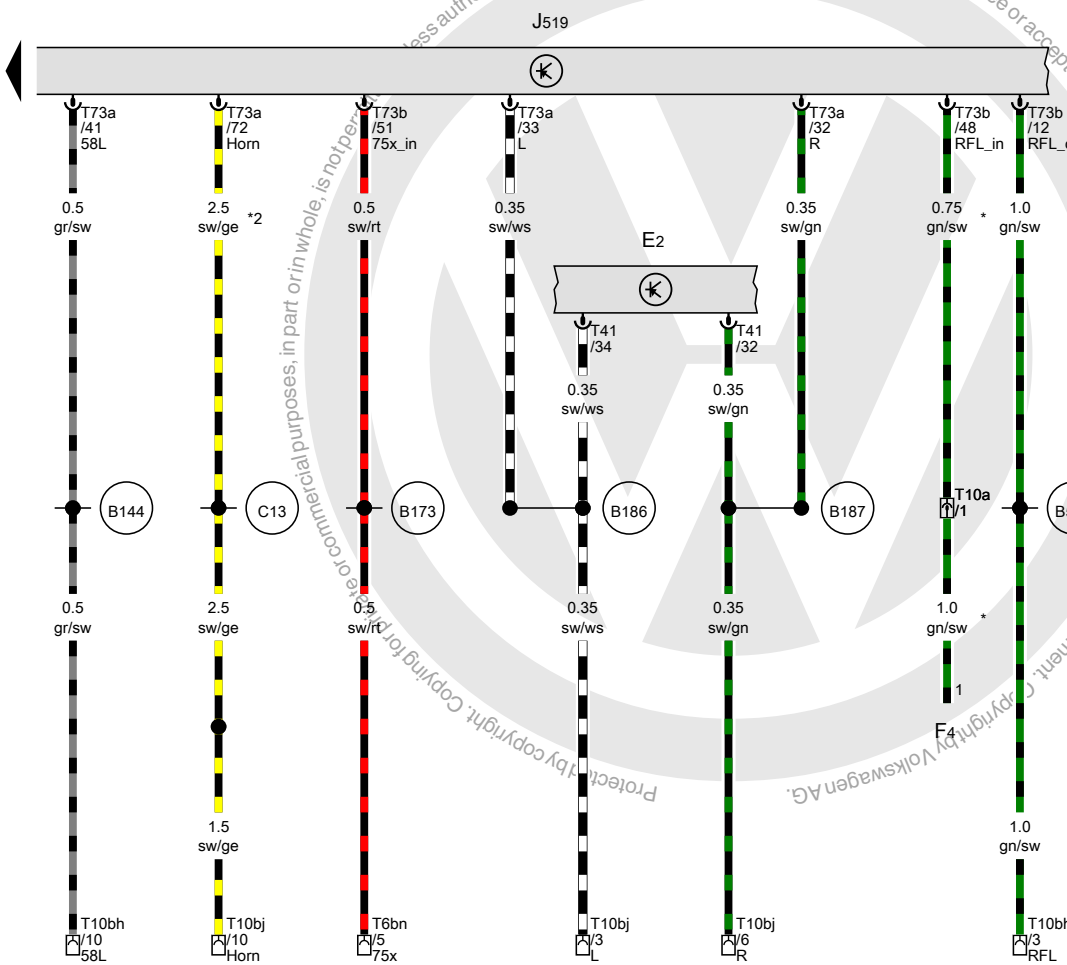
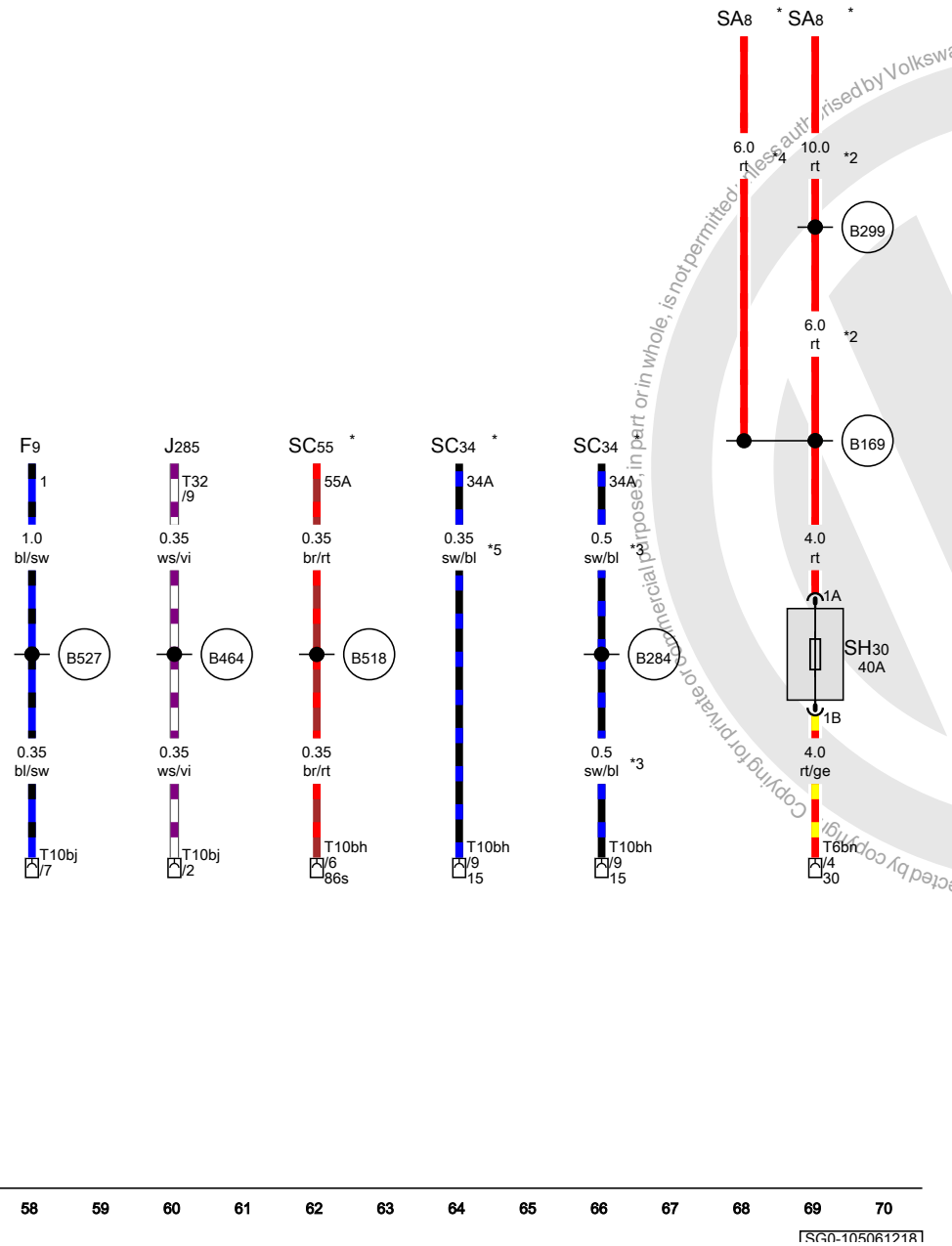


Turn signal switch, Reversing light switch, Onboard supply control unit

E2	Turn signal switch
F4	Reversing light switch
J519	Onboard supply control unit
T6bn	6-pin connector, grey, under seat on front left
T10a	10-pin connector, brown, in E-box
T10bh	10-pin connector, purple, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
B144	Positive connection (58L), in interior wiring harness
B173	Positive connection 2 (X), in interior wiring harness
B186	Connection 2 (LTS), in interior wiring harness
B187	Connection 2 (RTS), in interior wiring harness
B520	Connection (RL), in main wiring harness
C13	Positive connection in dual tone horn wiring harness
*	For models with manual gearbox
*2	For models with no special police equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Handbrake warning switch, Control unit in dash panel insert, Fuse 8 on fuse holder A, Fuse 30 in fuse holder H, Fuse 34 on fuse holder C



F9	Handbrake warning switch
J285	Control unit in dash panel insert
SA8	Fuse 8 on fuse holder A
SH30	Fuse 30 in fuse holder H
SC34	Fuse 34 on fuse holder C
SC55	Fuse 55 on fuse holder C
T6bn	6-pin connector, grey, under seat on front left
T10bh	10-pin connector, purple, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T32	32-pin connector, blue
B169	Positive connection 1 (30), in interior wiring harness
B284	Positive connection 8 (15a) in main wiring harness
B299	Positive connection 3 (30), in main wiring harness
B464	Connection (speed signal), in main wiring harness
B518	Connection (86s), in main wiring harness
B527	Connection (handbrake), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with no second battery
*3	For models with Internet access
*4	For models with second battery
*5	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Interface for external use , CAAA,CAAB,CAAC,(7L3),(IS1),(IS2),(IS7)

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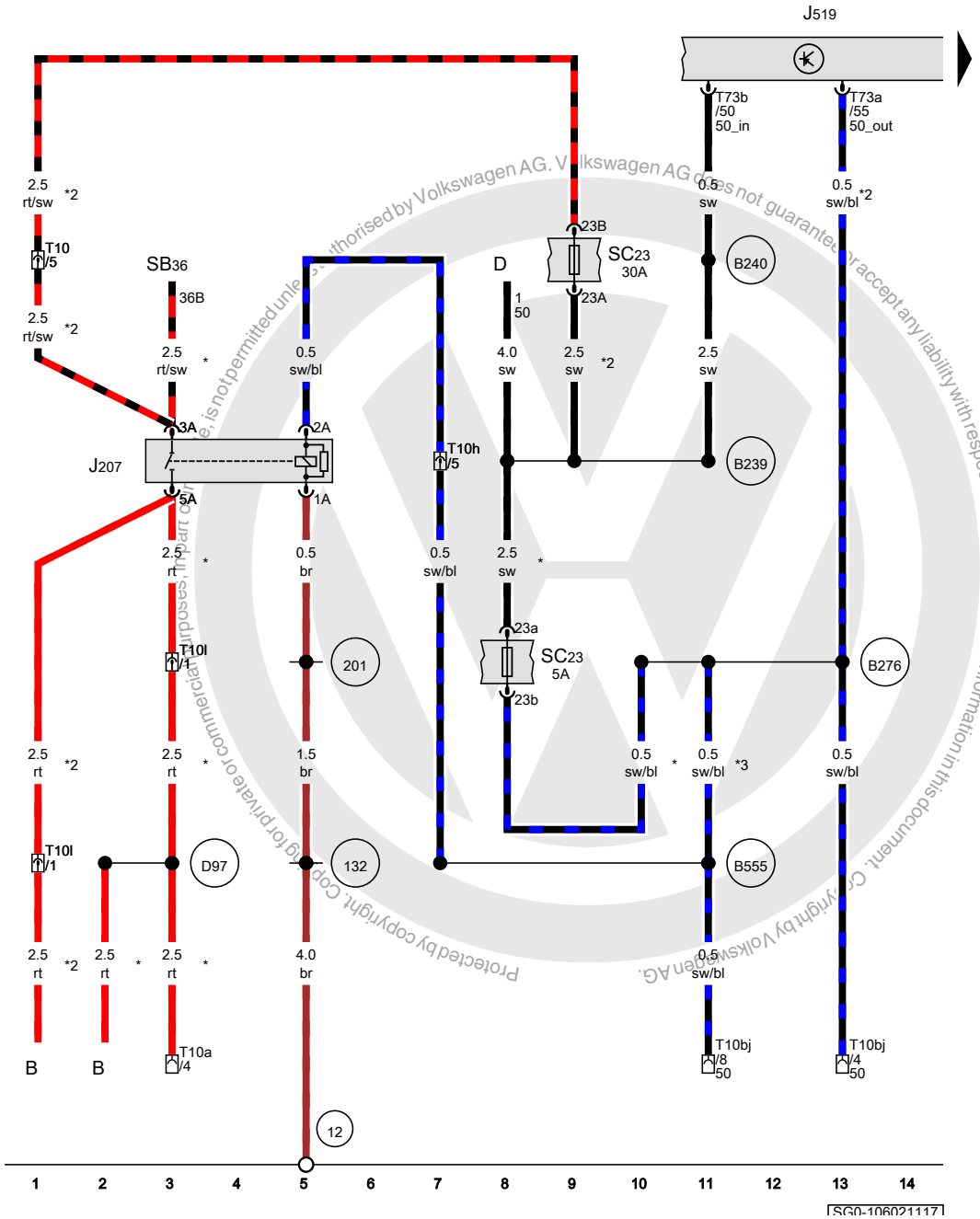

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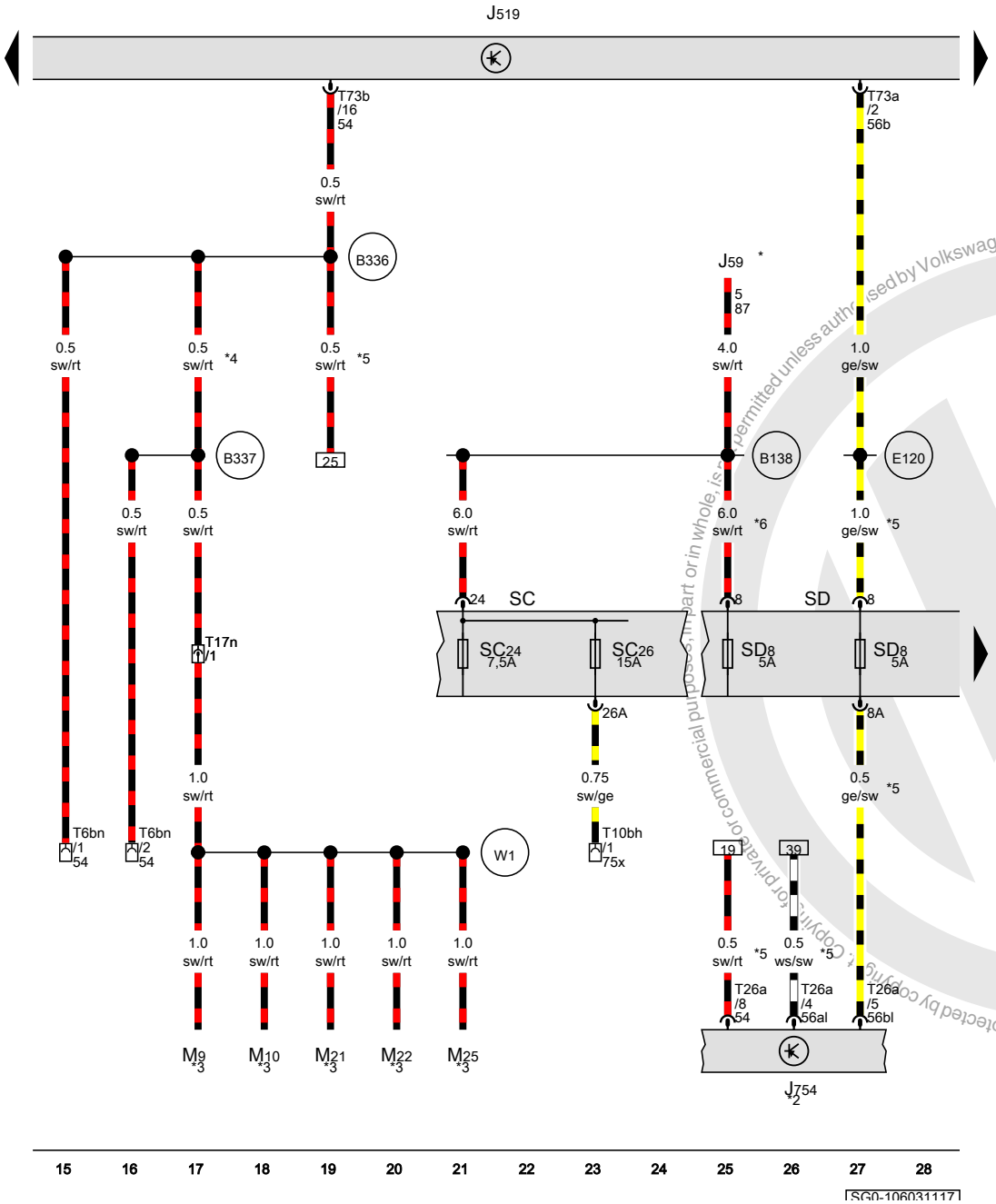
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Ignition/starter switch, Starter inhibitor relay, Onboard supply control unit, Fuse 23 on fuse holder C, Fuse 36 on fuse holder B

B	Starter
D	Ignition/starter switch
J207	Starter inhibitor relay
J519	Onboard supply control unit
SC23	Fuse 23 on fuse holder C
SB36	Fuse 36 on fuse holder B
T10	10-pin connector, black, in E-box
T10a	10-pin connector, brown, in E-box
T10bj	10-pin connector, yellow, under seat on front left
T10h	10-pin connector, orange, in E-box
T10l	10-pin connector, light green, in E-box
T73a	73-pin connector, black
T73b	73-pin connector, white
12	Earth point, on left in engine compartment
132	Earth connection 3, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
B239	Positive connection 1 (50), in interior wiring harness
B240	Positive connection 2 (50), in interior wiring harness
B276	Positive connection (50), in main wiring harness
B555	Positive connection 2 (50), in main wiring harness
D97	Connection (50), in engine compartment right wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox (DSG)
*3	Wire could be cut by special vehicle manufacturer

X-contact relief relay, Onboard supply control unit, Accident data memory, Fuse holder C, Fuse holder D



J59	X-contact relief relay
J519	Onboard supply control unit
J754	Accident data memory, under front passenger seat
M9	Left brake light bulb
M10	Right brake light bulb
M21	Left brake and tail light bulb
M22	Right brake and tail light bulb
M25	High-level brake light bulb
SC	Fuse holder C
SD	Fuse holder D
SD8	Fuse 8 on fuse holder D
SC24	Fuse 24 on fuse holder C
SC26	Fuse 26 on fuse holder C
T6bn	6-pin connector, grey, under seat on front left
T10bh	10-pin connector, purple, under seat on front left
T17n	17-pin connector, light green, under seat on front left
T26a	26-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
B138	Positive connection (X), in interior wiring harness
B336	Connection 2 (54), in main wiring harness
B337	Connection 3 (54), in main wiring harness
E120	Connection (56b, left), in dash panel wiring harness
W1	Positive connection 1 (54), in rear wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram
*3	see applicable current flow diagram for tail lights
*4	Wire could be cut by special vehicle manufacturer
*5	For models with no accident data recorder
*6	Up to November 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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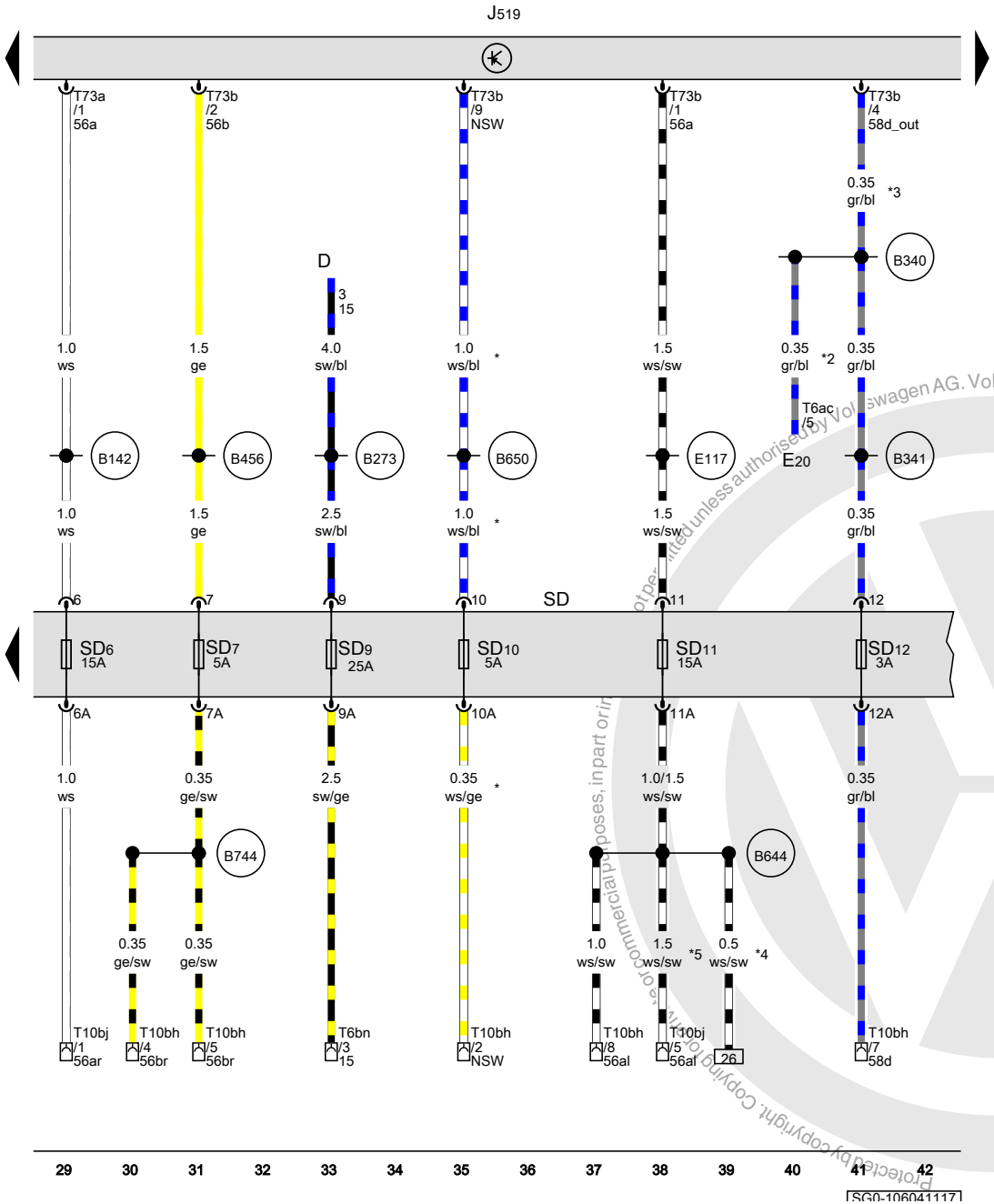

Ignition/starter switch, Onboard supply control unit, Fuse holder D

D	Ignition/starter switch
E20	Switch and instrument illumination regulator
J519	Onboard supply control unit
SD	Fuse holder D
SD6	Fuse 6 on fuse holder D
SD7	Fuse 7 on fuse holder D
SD9	Fuse 9 on fuse holder D
SD10	Fuse 10 on fuse holder D
SD11	Fuse 11 on fuse holder D
SD12	Fuse 12 on fuse holder D
T6ac	6-pin connector, black
T6bn	6-pin connector, grey, under seat on front left
T10bh	10-pin connector, purple, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
B142	Positive connection 2 (56a), in interior wiring harness
B273	Positive connection (15), in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B456	Connection (56b), in main wiring harness
B644	Connection 3 (56a), in main wiring harness
B650	Connection 8, in interior wiring harness
B744	Connection 3 (56b), in main wiring harness
E117	Connection (56a, left), in dash panel wiring harness
*	For models with fog lights
*2	For models with dimmable instrument illumination
*3	For models with no dimmable instrument illumination
*4	For models with no accident data recorder
*5	Up to November 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
rs	=	pink

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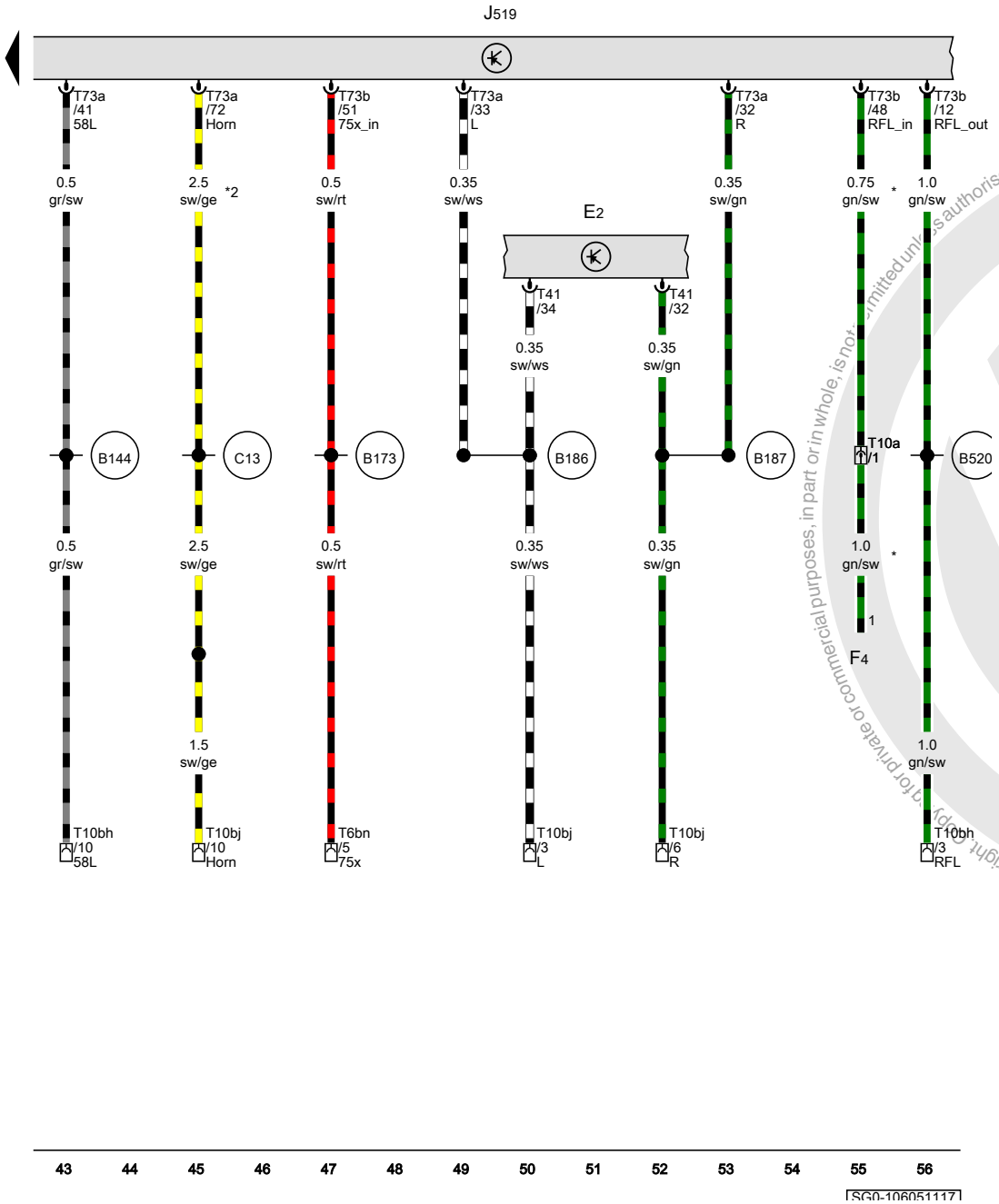

Turn signal switch, Reversing light switch, Onboard supply control unit

E2	Turn signal switch
F4	Reversing light switch
J519	Onboard supply control unit
T6bn	6-pin connector, grey, under seat on front left
T10a	10-pin connector, brown, in E-box
T10bh	10-pin connector, purple, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
B144	Positive connection (58L), in interior wiring harness
B173	Positive connection 2 (X), in interior wiring harness
B186	Connection 2 (LTS), in interior wiring harness
B187	Connection 2 (RTS), in interior wiring harness
B520	Connection (RL), in main wiring harness
C13	Positive connection in dual tone horn wiring harness
*	For models with manual gearbox
*2	For models with no special police equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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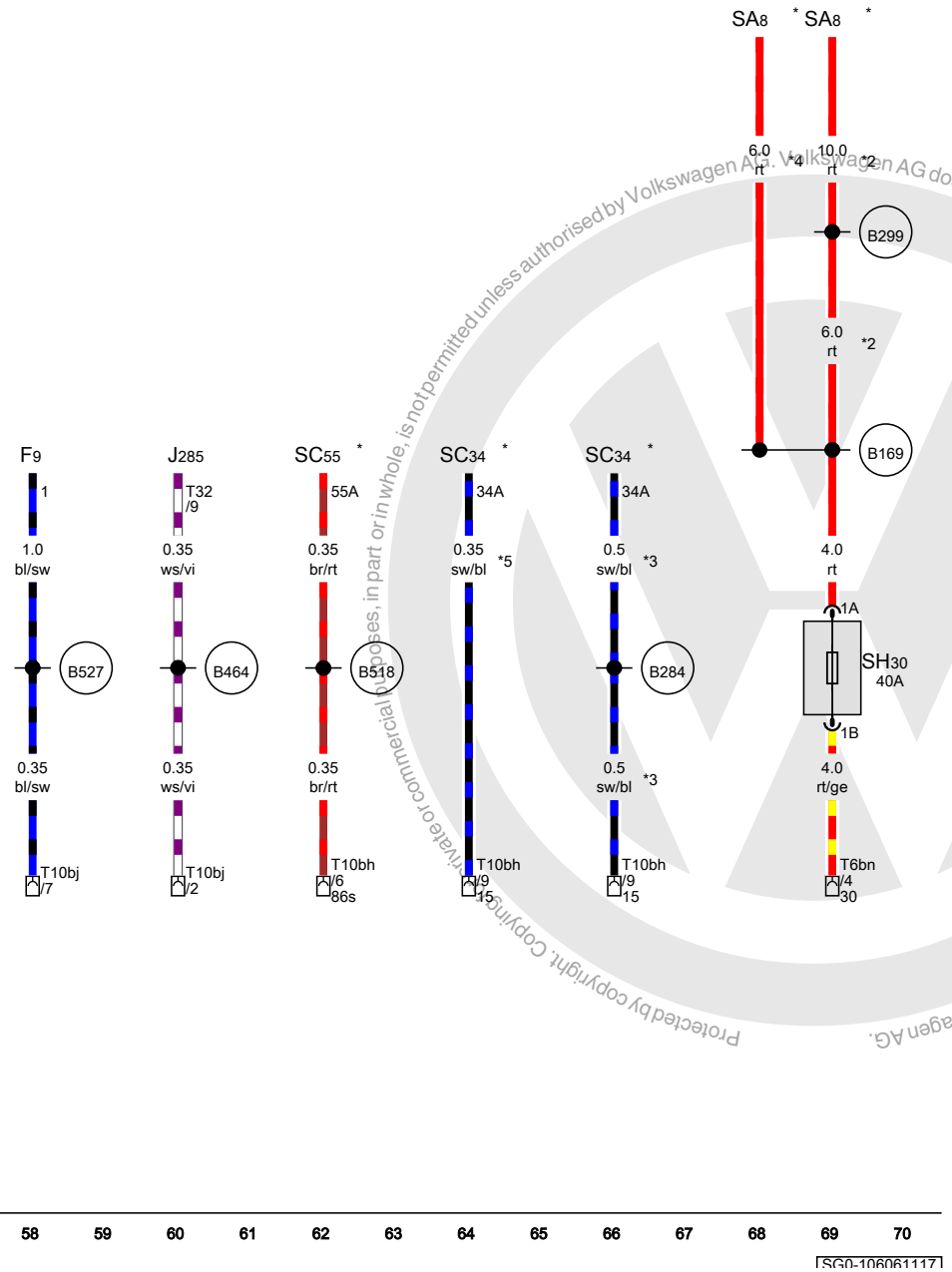
Handbrake warning switch, Control unit in dash panel insert, Fuse 8 on fuse holder A, Fuse 30 in fuse holder H, Fuse 34 on fuse holder C



F9	Handbrake warning switch
J285	Control unit in dash panel insert
SA8	Fuse 8 on fuse holder A
SH30	Fuse 30 in fuse holder H
SC34	Fuse 34 on fuse holder C
SC55	Fuse 55 on fuse holder C
T6bn	6-pin connector, grey, under seat on front left
T10bh	10-pin connector, purple, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T32	32-pin connector, blue
B169	Positive connection 1 (30), in interior wiring harness
B284	Positive connection 8 (15a) in main wiring harness
B299	Positive connection 3 (30), in main wiring harness
B464	Connection (speed signal), in main wiring harness
B518	Connection (86s), in main wiring harness
B527	Connection (handbrake), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with no second battery
*3	For models with Internet access
*4	For models with second battery
*5	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
vi	=	purple
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Interface for external use , CAAA,CAAB,CAAC,(7L6),(IS1),(IS2),(IS7)

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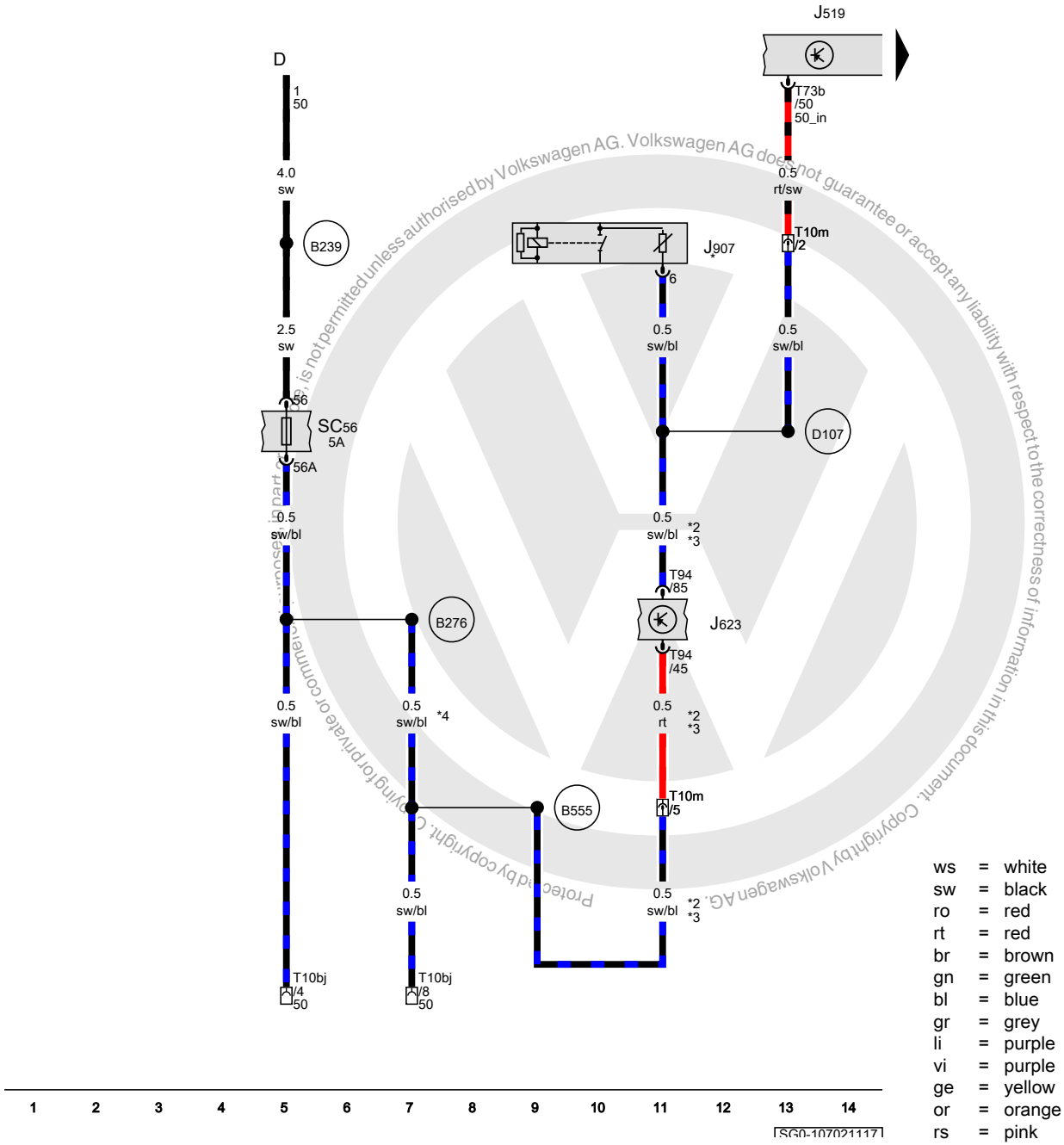

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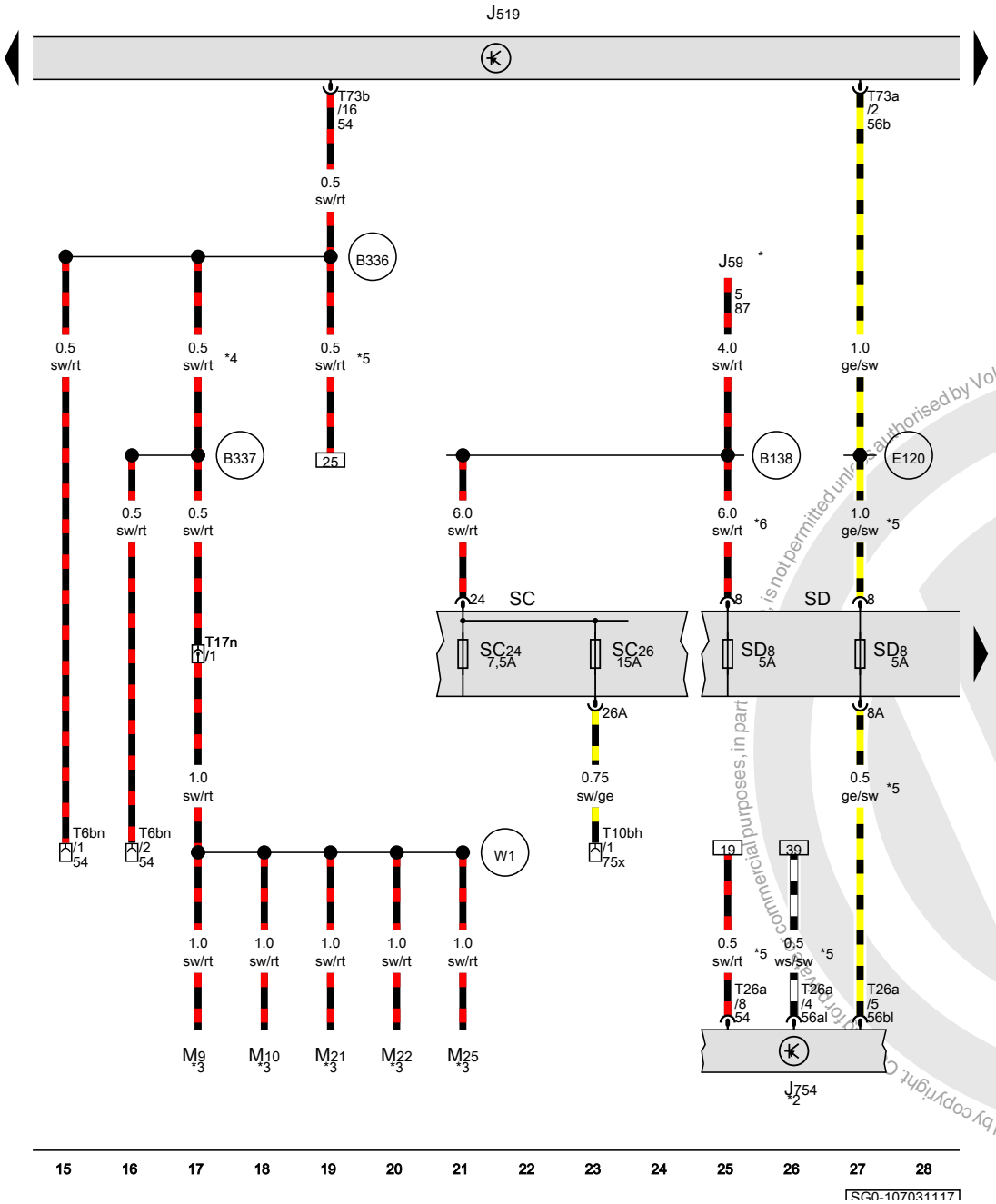
Ignition/starter switch, Onboard supply control unit, Fuse 56 on fuse holder C

D	Ignition/starter switch
J519	Onboard supply control unit
J623	Engine/motor control unit
J907	Starter relay 2
SC56	Fuse 56 on fuse holder C
T10bj	10-pin connector, yellow, under seat on front left
T10m	10-pin connector, light pink, in E-box
T73b	73-pin connector, white
T94	94-pin connector, black
B239	Positive connection 1 (50), in interior wiring harness
B276	Positive connection (50), in main wiring harness
B555	Positive connection 2 (50), in main wiring harness
D107	Connection 5 in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	For models with diesel engine
*3	For models with Euro 5 emission standard
*4	Wire could be cut by special vehicle manufacturer

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

X-contact relief relay, Onboard supply control unit, Accident data memory, Fuse holder C, Fuse holder D



J59	X-contact relief relay	
J519	Onboard supply control unit	
J754	Accident data memory, under front passenger seat	
M9	Left brake light bulb	
M10	Right brake light bulb	
M21	Left brake and tail light bulb	
M22	Right brake and tail light bulb	
M25	High-level brake light bulb	
SC	Fuse holder C	
SD	Fuse holder D	
SD8	Fuse 8 on fuse holder D	
SC24	Fuse 24 on fuse holder C	
SC26	Fuse 26 on fuse holder C	
T6bn	6-pin connector, grey, under seat on front left	
T10bh	10-pin connector, purple, under seat on front left	
T17n	17-pin connector, light green, under seat on front left	
T26a	26-pin connector, black	
T73a	73-pin connector, black	
T73b	73-pin connector, white	
B138	Positive connection (X), in interior wiring harness	
B336	Connection 2 (54), in main wiring harness	
B337	Connection 3 (54), in main wiring harness	
E120	Connection (56b, left), in dash panel wiring harness	
W1	Positive connection 1 (54), in rear wiring harness	
*	see applicable current flow diagram for fuse assignment	
*2	see applicable current flow diagram	
*3	see applicable current flow diagram for tail lights	
*4	Wire could be cut by special vehicle manufacturer	
*5	According to equipment	
*6	Up to November 2016	

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
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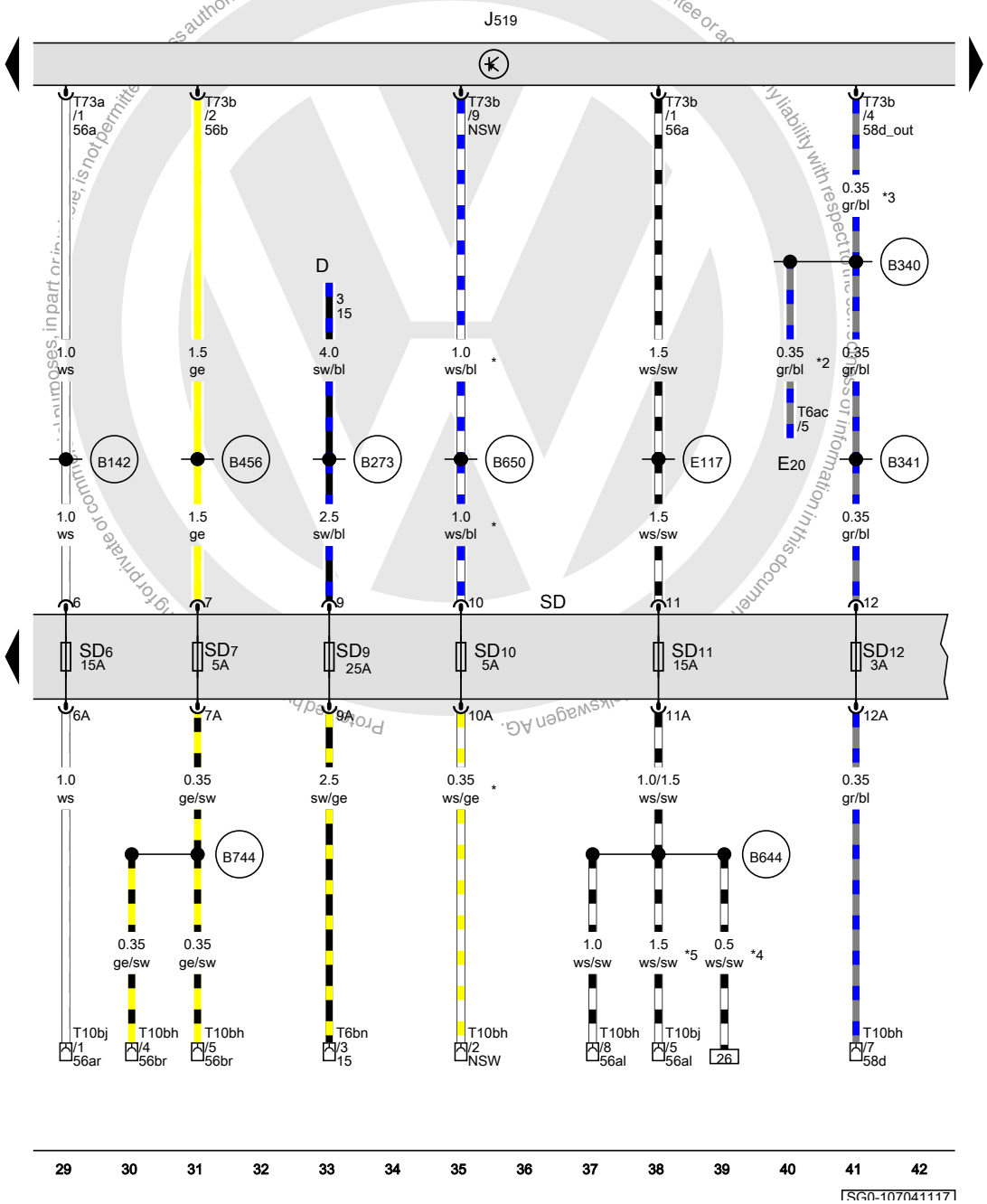

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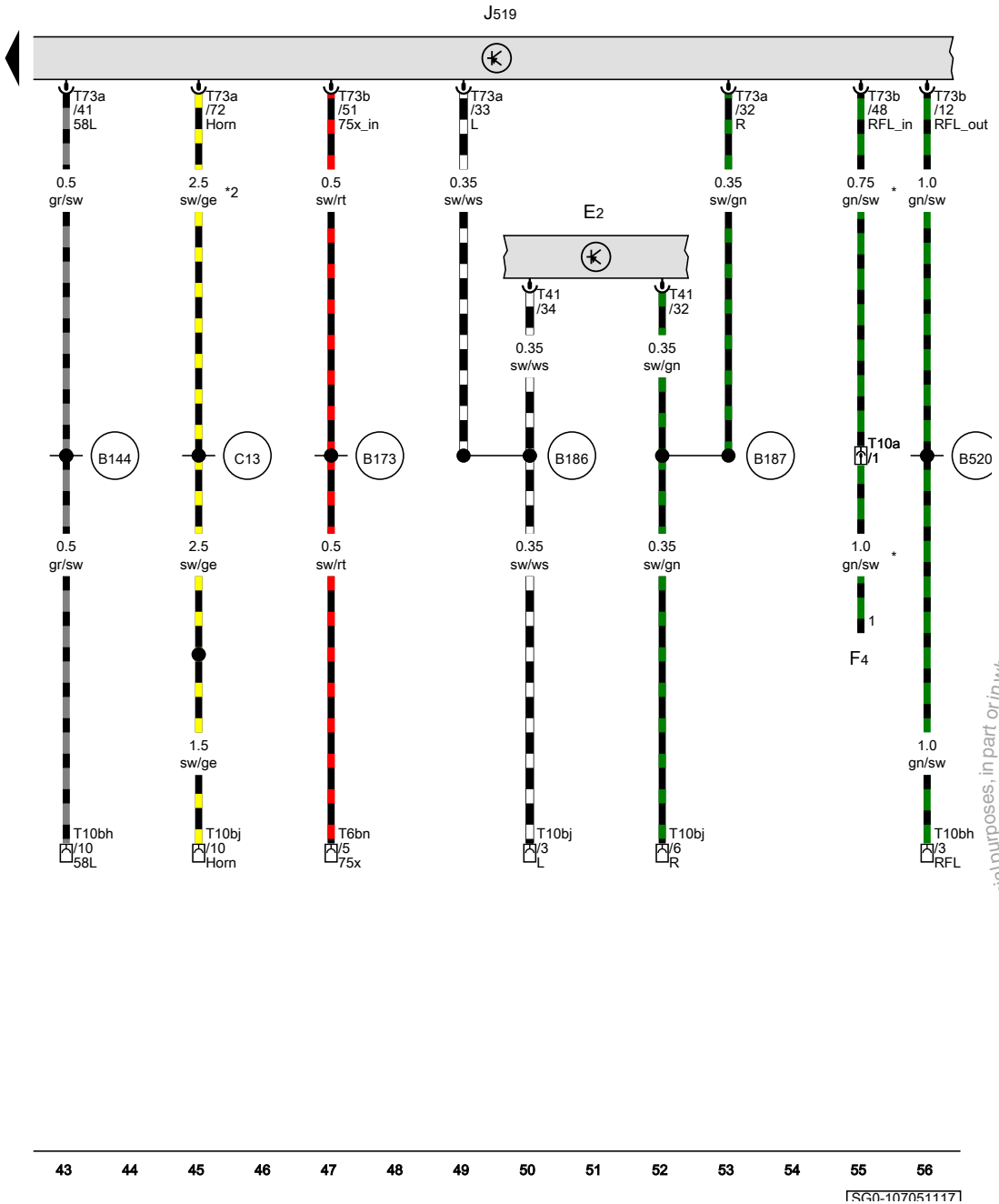
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Ignition/starter switch, Onboard supply control unit, Fuse holder D

D	Ignition/starter switch
E20	Switch and instrument illumination regulator
J519	Onboard supply control unit
SD	Fuse holder D
SD6	Fuse 6 on fuse holder D
SD7	Fuse 7 on fuse holder D
SD9	Fuse 9 on fuse holder D
SD10	Fuse 10 on fuse holder D
SD11	Fuse 11 on fuse holder D
SD12	Fuse 12 on fuse holder D
T6ac	6-pin connector, black
T6bn	6-pin connector, grey, under seat on front left
T10bh	10-pin connector, purple, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
B142	Positive connection 2 (56a), in interior wiring harness
B273	Positive connection (15), in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B456	Connection (56b), in main wiring harness
B644	Connection 3 (56a), in main wiring harness
B650	Connection 8, in interior wiring harness
B744	Connection 3 (56b), in main wiring harness
E117	Connection (56a, left), in dash panel wiring harness
*	For models with fog lights
*2	For models with dimmable instrument illumination
*3	For models with no dimmable instrument illumination
*4	According to equipment
*5	Up to November 2016



Turn signal switch, Reversing light switch, Onboard supply control unit

E2	Turn signal switch
F4	Reversing light switch
J519	Onboard supply control unit
T6bn	6-pin connector, grey, under seat on front left
T10a	10-pin connector, brown, in E-box
T10bh	10-pin connector, purple, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
B144	Positive connection (58L), in interior wiring harness
B173	Positive connection 2 (X), in interior wiring harness
B186	Connection 2 (LTS), in interior wiring harness
B187	Connection 2 (RTS), in interior wiring harness
B520	Connection (RL), in main wiring harness
C13	Positive connection in dual tone horn wiring harness
*	For models with manual gearbox
*2	For models with no special police equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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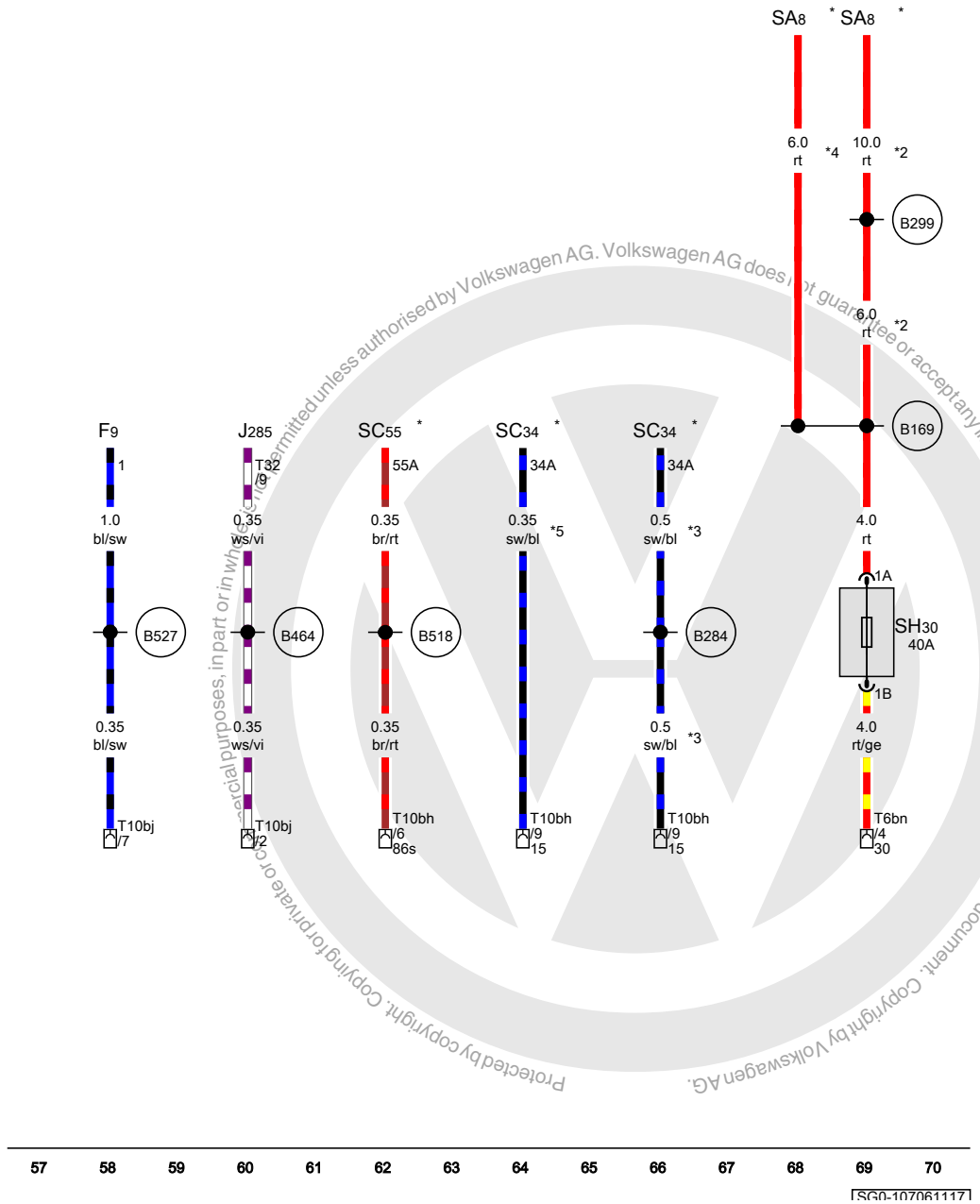
Handbrake warning switch, Control unit in dash panel insert, Fuse 8 on fuse holder A, Fuse 30 in fuse holder H, Fuse 34 on fuse holder C



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

F9	Handbrake warning switch
J285	Control unit in dash panel insert
SA8	Fuse 8 on fuse holder A
SH30	Fuse 30 in fuse holder H
SC34	Fuse 34 on fuse holder C
SC55	Fuse 55 on fuse holder C
T6bn	6-pin connector, grey, under seat on front left
T10bh	10-pin connector, purple, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T32	32-pin connector, blue
B169	Positive connection 1 (30), in interior wiring harness
B284	Positive connection 8 (15a) in main wiring harness
B299	Positive connection 3 (30), in main wiring harness
B464	Connection (speed signal), in main wiring harness
B518	Connection (86s), in main wiring harness
B527	Connection (handbrake), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with no second battery
*3	For models with Internet access
*4	For models with second battery
*5	According to equipment

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Accident data recorder , (9NK),(9NM),(9NN)

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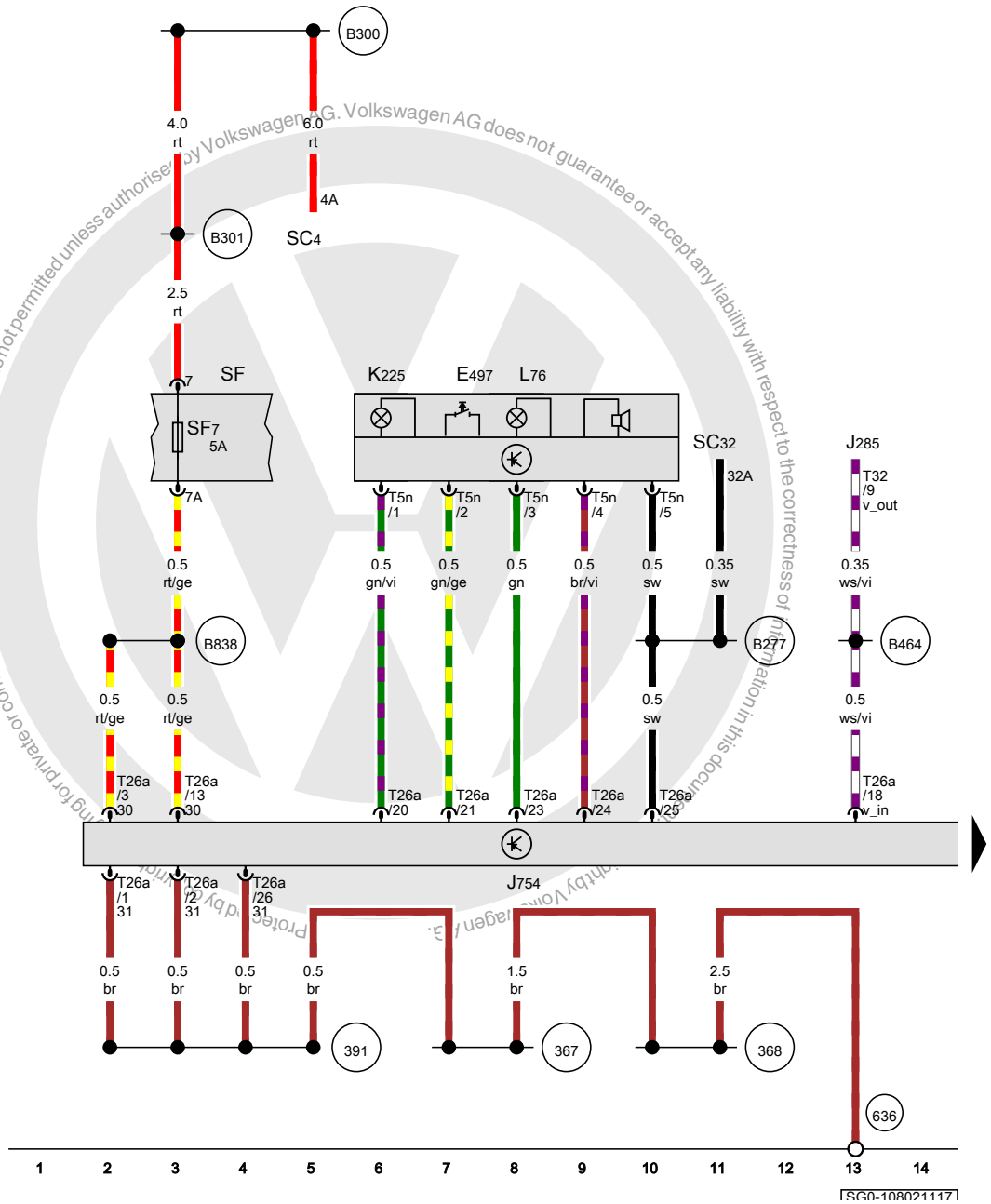

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Accident data recorder button, Accident data memory, Fuse 4 on fuse holder C, Fuse 32 on fuse holder C, Fuse holder F

E497	Accident data recorder button
J285	Control unit in dash panel insert
J754	Accident data memory, under front passenger seat
K225	Accident recorder warning lamp
L76	Button illumination bulb
SC4	Fuse 4 on fuse holder C
SF7	Fuse 7 in fuse holder F
SC32	Fuse 32 on fuse holder C
SF	Fuse holder F
T5n	5-pin connector, black
T26a	26-pin connector, black
T32	32-pin connector, blue
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
391	Earth connection 26, in main wiring harness
636	Earth point, onboard supply control unit
B277	Positive connection 1 (15a) in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B464	Connection (speed signal), in main wiring harness
B838	Positive connection 19 (30), in main wiring harness

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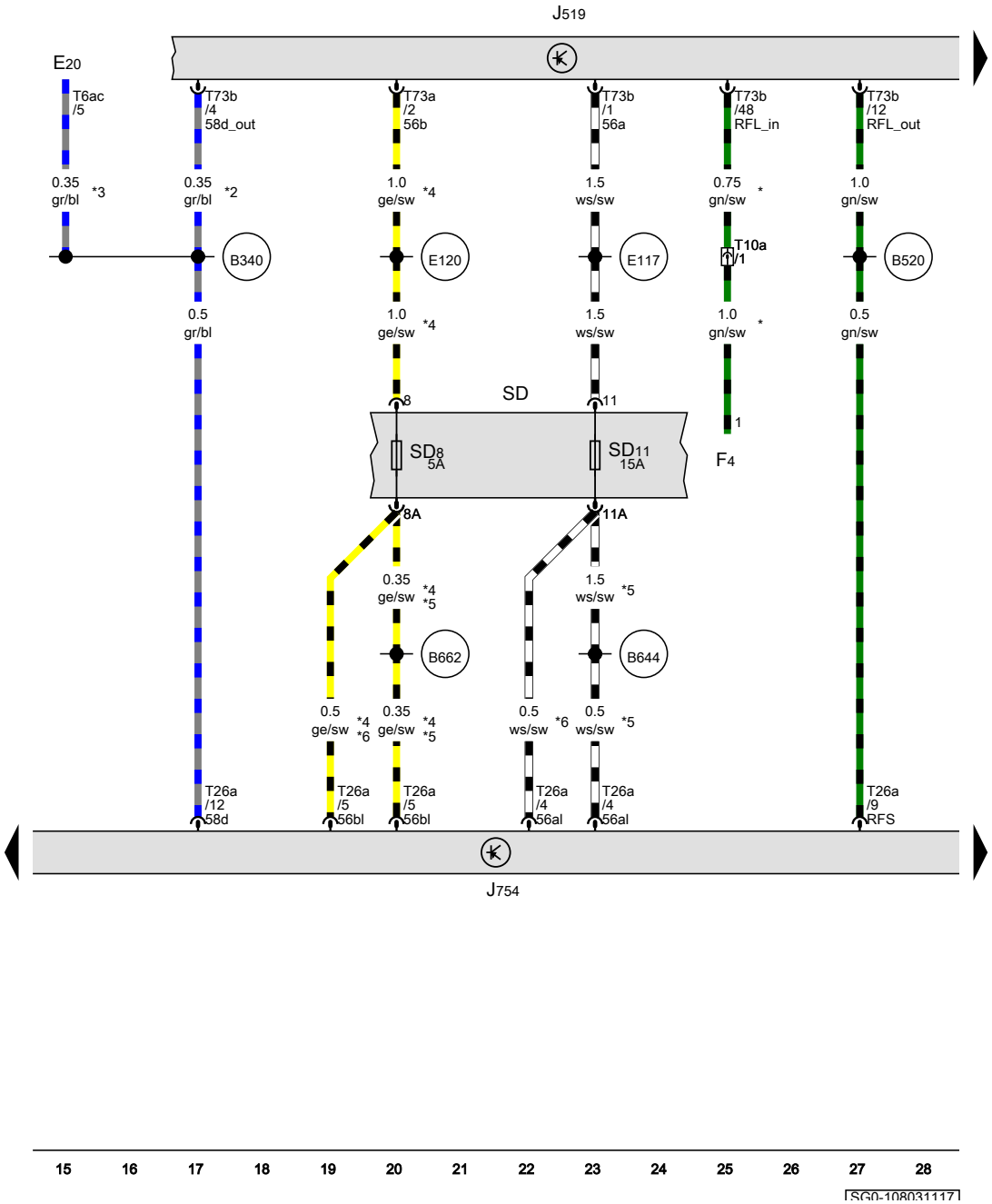

Onboard supply control unit, Accident data memory, Fuse holder D

E20	Switch and instrument illumination regulator
F4	Reversing light switch
J519	Onboard supply control unit
J754	Accident data memory, under front passenger seat
SD	Fuse holder D
SD8	Fuse 8 on fuse holder D
SD11	Fuse 11 on fuse holder D
T6ac	6-pin connector, black
T10a	10-pin connector, brown, in E-box in engine compartment
T26a	26-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
B340	Connection 1 (58d), in main wiring harness
B520	Connection (RL), in main wiring harness
B644	Connection 3 (56a), in main wiring harness
B662	Connection 2 (56b), in main wiring harness
E117	Connection (56a, left), in dash panel wiring harness
E120	Connection (56b, left), in dash panel wiring harness
*	For models with manual gearbox
*2	For models with no dimmable instrument illumination
*3	For models with dimmable instrument illumination
*4	For models with fog lights
*5	For models with electric interface for external use
*6	For models with no electric interface

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
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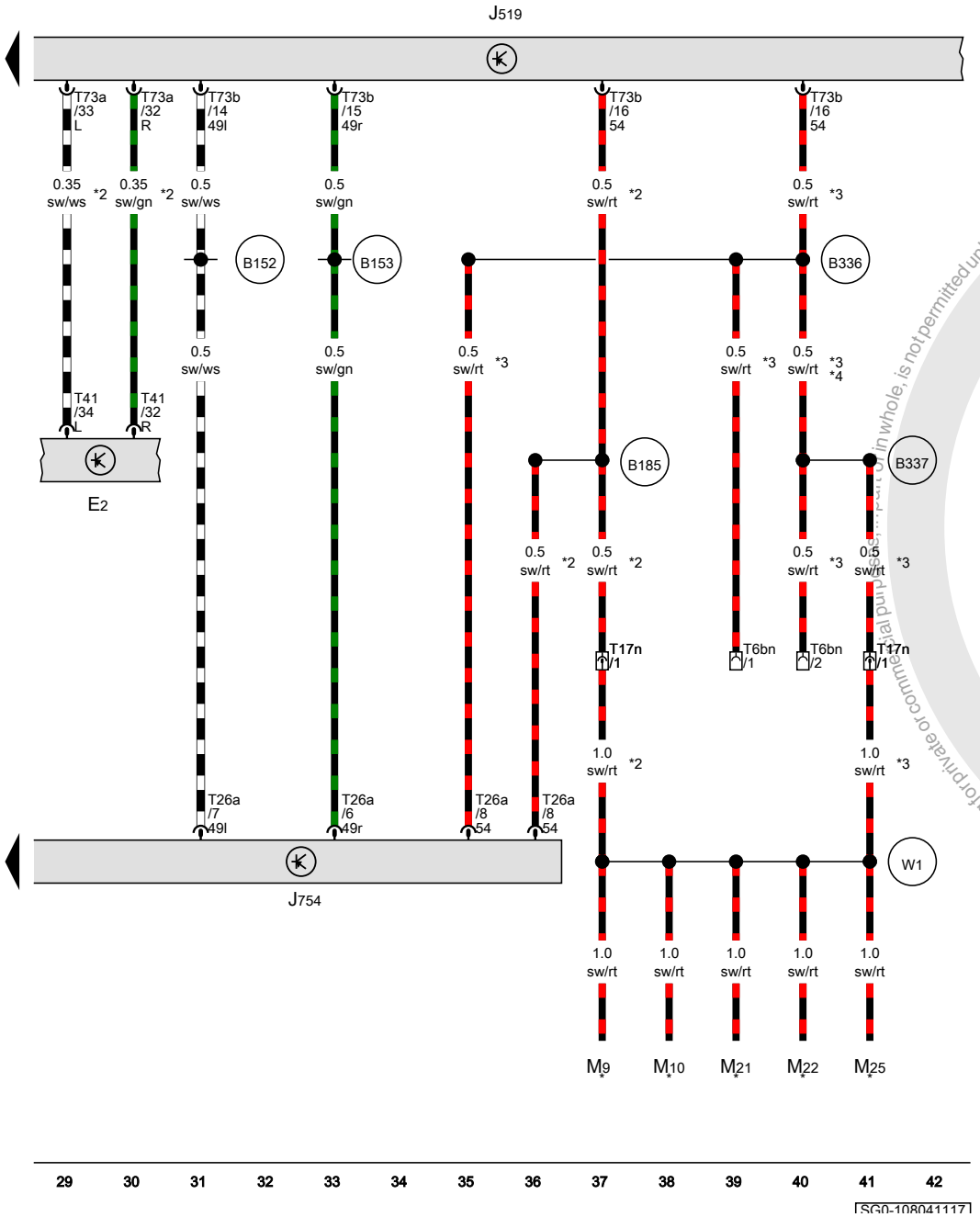

Turn signal switch, Onboard supply control unit, Accident data memory

E2	Turn signal switch
J519	Onboard supply control unit
J754	Accident data memory, under front passenger seat
M9	Left brake light bulb
M10	Right brake light bulb
M21	Left brake and tail light bulb
M22	Right brake and tail light bulb
M25	High-level brake light bulb
T6bn	6-pin connector, grey, under seat on front left
T17n	17-pin connector, light green, under seat on front left
T26a	26-pin connector, black
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
B152	Connection (LTS), in interior wiring harness
B153	Connection (RTS), in interior wiring harness
B185	Connection 2 (54), in interior wiring harness
B336	Connection 2 (54), in main wiring harness
B337	Connection 3 (54), in main wiring harness
W1	Positive connection 1 (54), in rear wiring harness
*	see applicable current flow diagram for tail lights
*2	For models with no electric interface
*3	For models with electric interface for external use
*4	Wire could be cut by special vehicle manufacturer

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Fuse assignment

From June 2016

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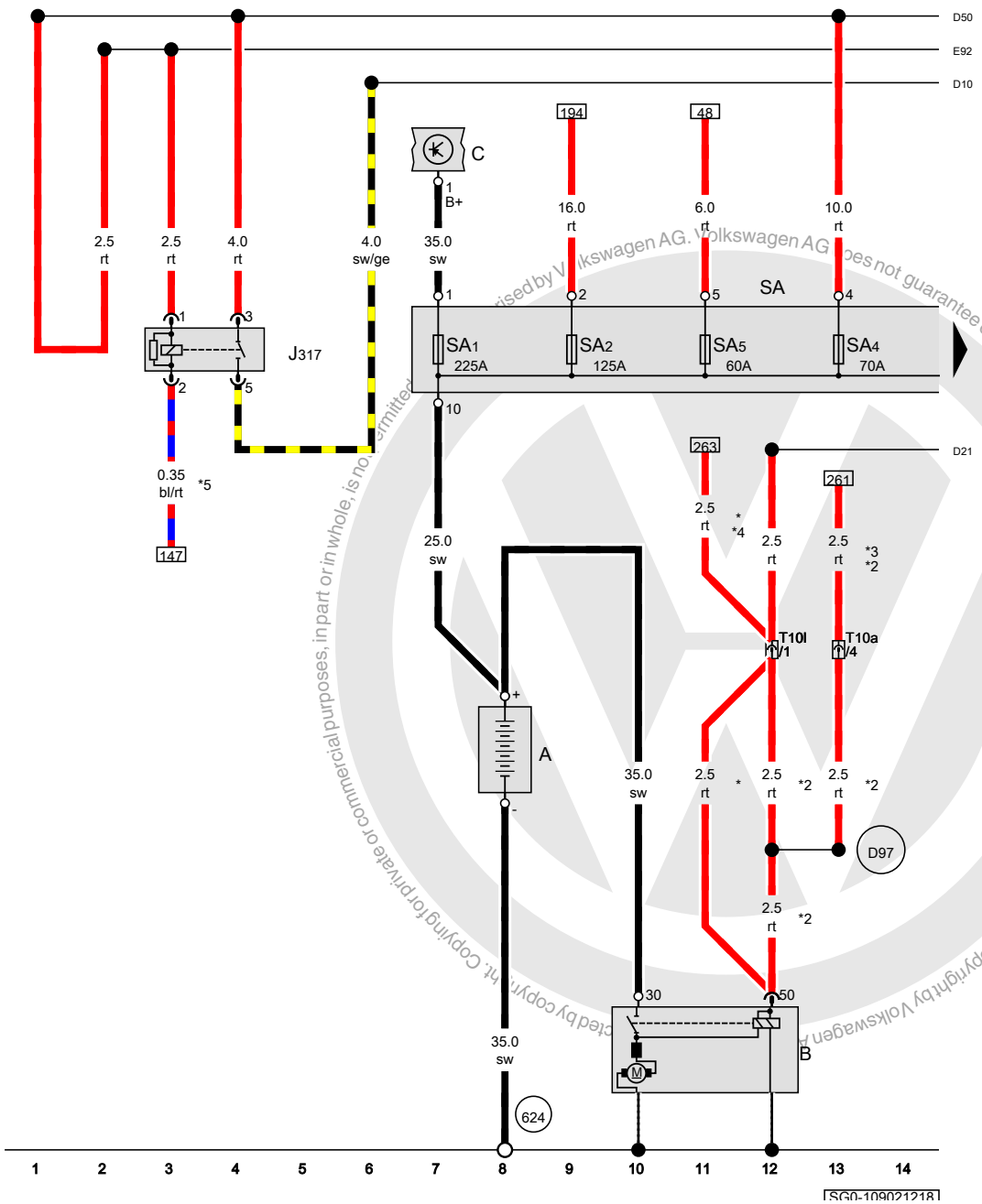

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Battery, Starter, Alternator, Fuse holder A

A	Battery
B	Starter
C	Alternator
J317	Terminal 30 voltage supply relay
SA	Fuse holder A, in E-box
SA1	Fuse 1 on fuse holder A
SA2	Fuse 2 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
T10a	10-pin connector, brown, in E-box
T10l	10-pin connector, light green, in E-box
624	Earth point, starter battery
D50	Positive connection (30), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D101	Connection 1 in engine compartment wiring harness
D210	Connection (50), in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	For models with dual clutch gearbox (DSG)
*2	For models with manual gearbox
*3	For models with no electric interface
*4	For models with electric interface for external use
*5	see applicable current flow diagram for engine

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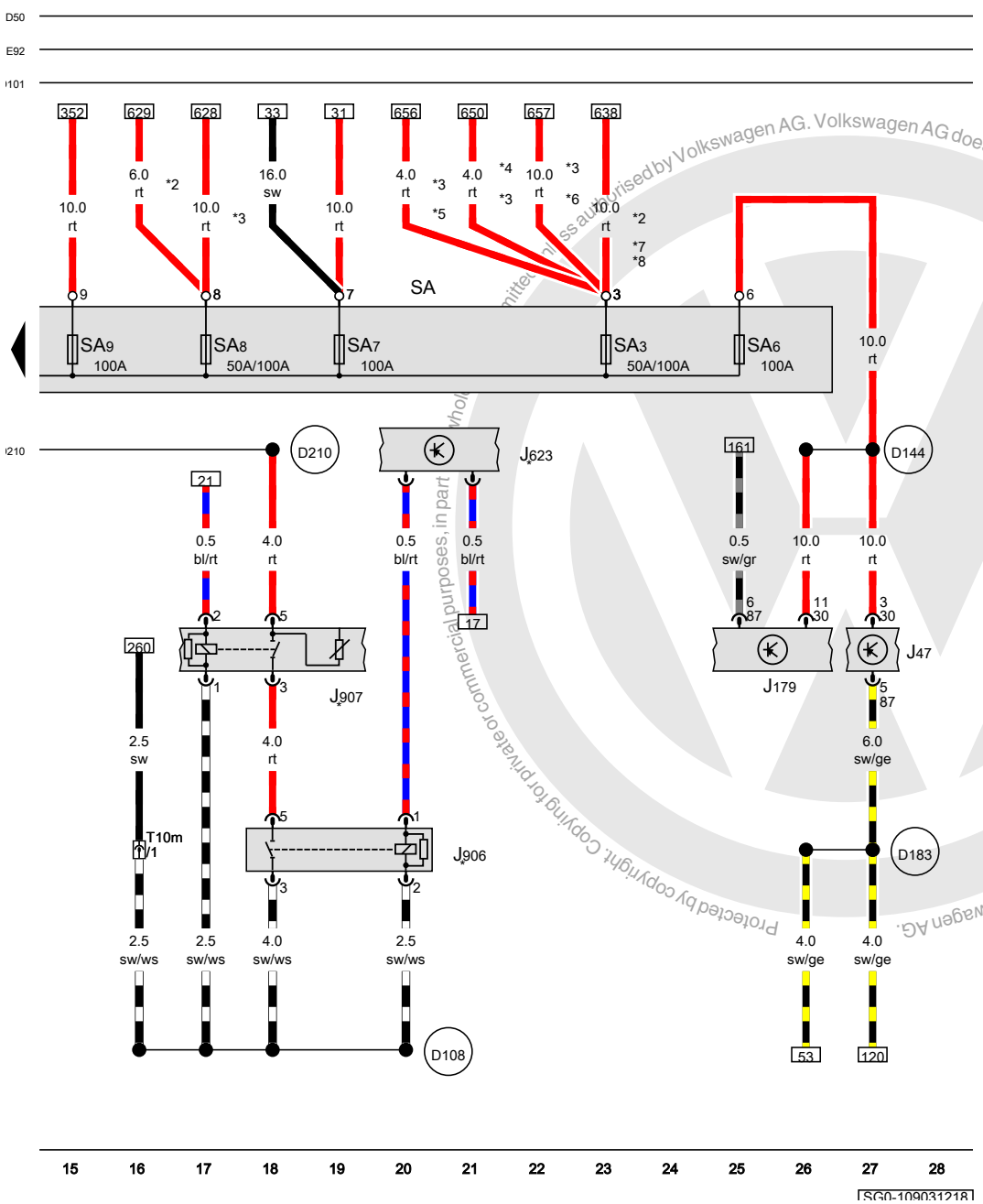
Heated windscreen relay, Automatic glow period control unit, Engine/motor control unit, Starter relay 2, Fuse holder A



J47	Heated windscreen relay, in E-box
J179	Automatic glow period control unit, in E-box
J623	Engine/motor control unit, in E-box
J906	Starter relay 1, in E-box
J907	Starter relay 2, in E-box
SA	Fuse holder A, in E-box
SA3	Fuse 3 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SA8	Fuse 8 on fuse holder A
SA9	Fuse 9 on fuse holder A
T10m	10-pin connector, light pink, in E-box
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
D144	Positive connection 5 (30), in engine compartment wiring harness
D183	Connection 4 (87a), in engine compartment wiring harness
D210	Connection (50), in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	For models with second battery
*3	For models with no second battery
*4	For models with left sliding door
*5	For models with right sliding door
*6	For models with left and right sliding doors
*7	For Camper, not for Camper Beach
*8	Cross-section 16.0 possible

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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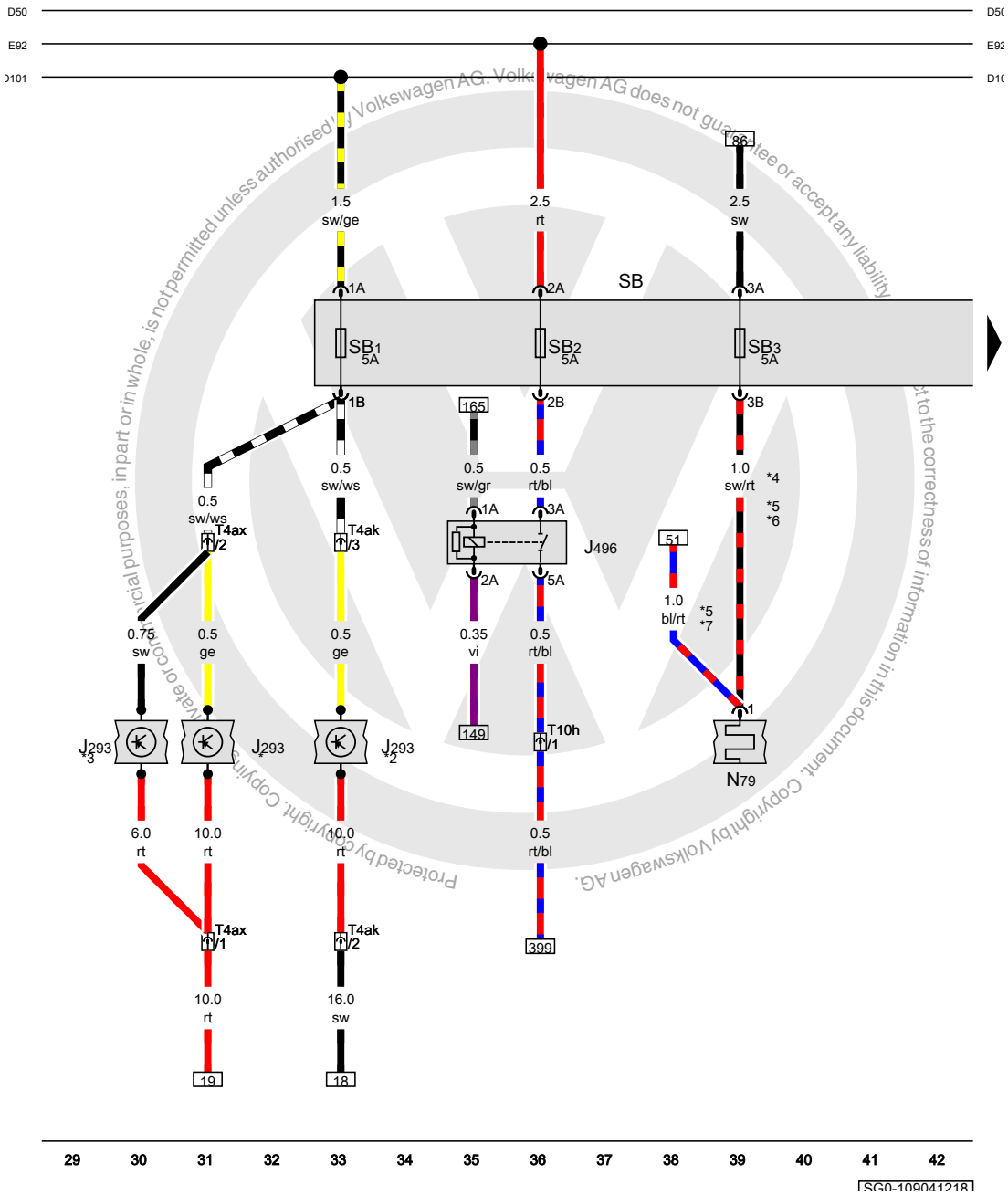

Radiator fan control unit, Additional coolant pump relay, Heater element for crankcase breather, Fuse holder B

J293	Radiator fan control unit
J496	Additional coolant pump relay, in E-box
N79	Heater element for crankcase breather
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
SB2	Fuse 2 on fuse holder B
SB3	Fuse 3 on fuse holder B
T4ak	4-pin connector, black, near radiator fan
T4ax	4-pin connector, black, near radiator fan
T10h	10-pin connector, orange, in E-box
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	For models with medium fan output
*2	For models with increased fan output
*3	For models with low fan output
*4	For models with petrol engine
*5	For models with diesel engine
*6	For models with Euro 5 emission standard
*7	For models with Euro 6 emission standard

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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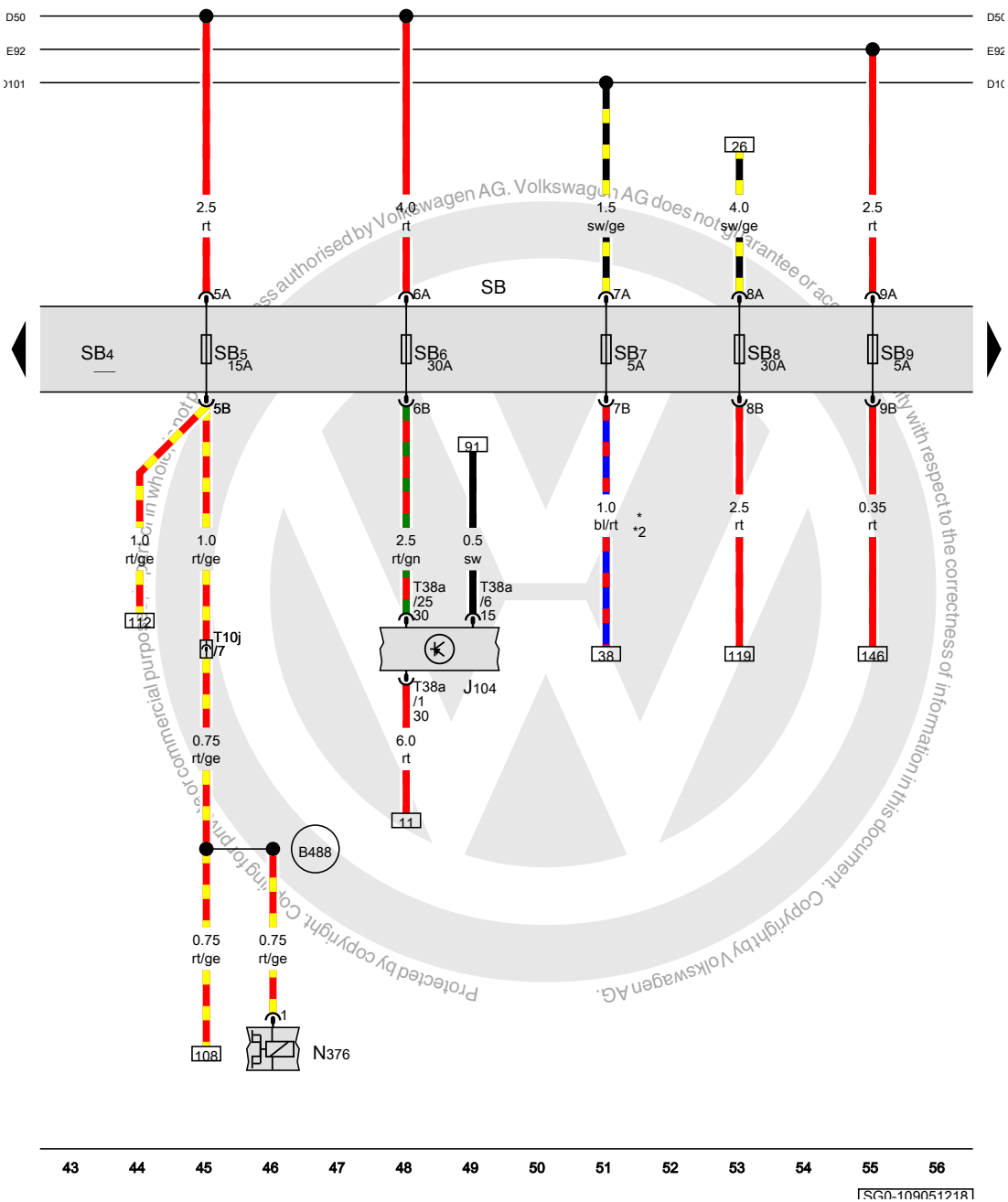

ABS control unit, Ignition key withdrawal lock solenoid, Fuse holder B

J104	ABS control unit
N376	Ignition key withdrawal lock solenoid
SB	Fuse holder B
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 on fuse holder B
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
SB9	Fuse 9 on fuse holder B
T10j	10-pin connector, brown, in E-box
T38a	38-pin connector, black
B488	Connection 24, in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	For models with diesel engine
*2	For models with Euro 6 emission standard

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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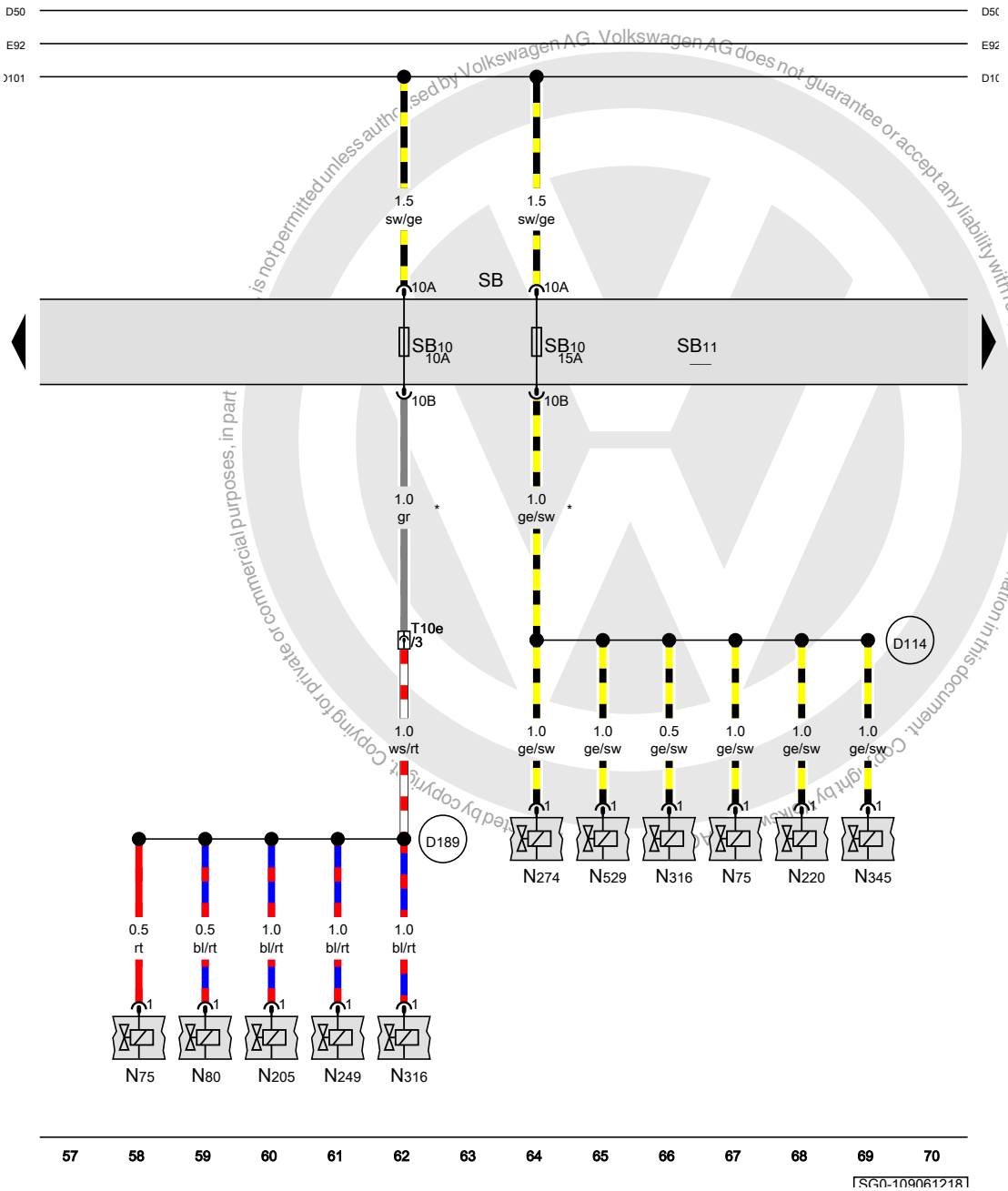

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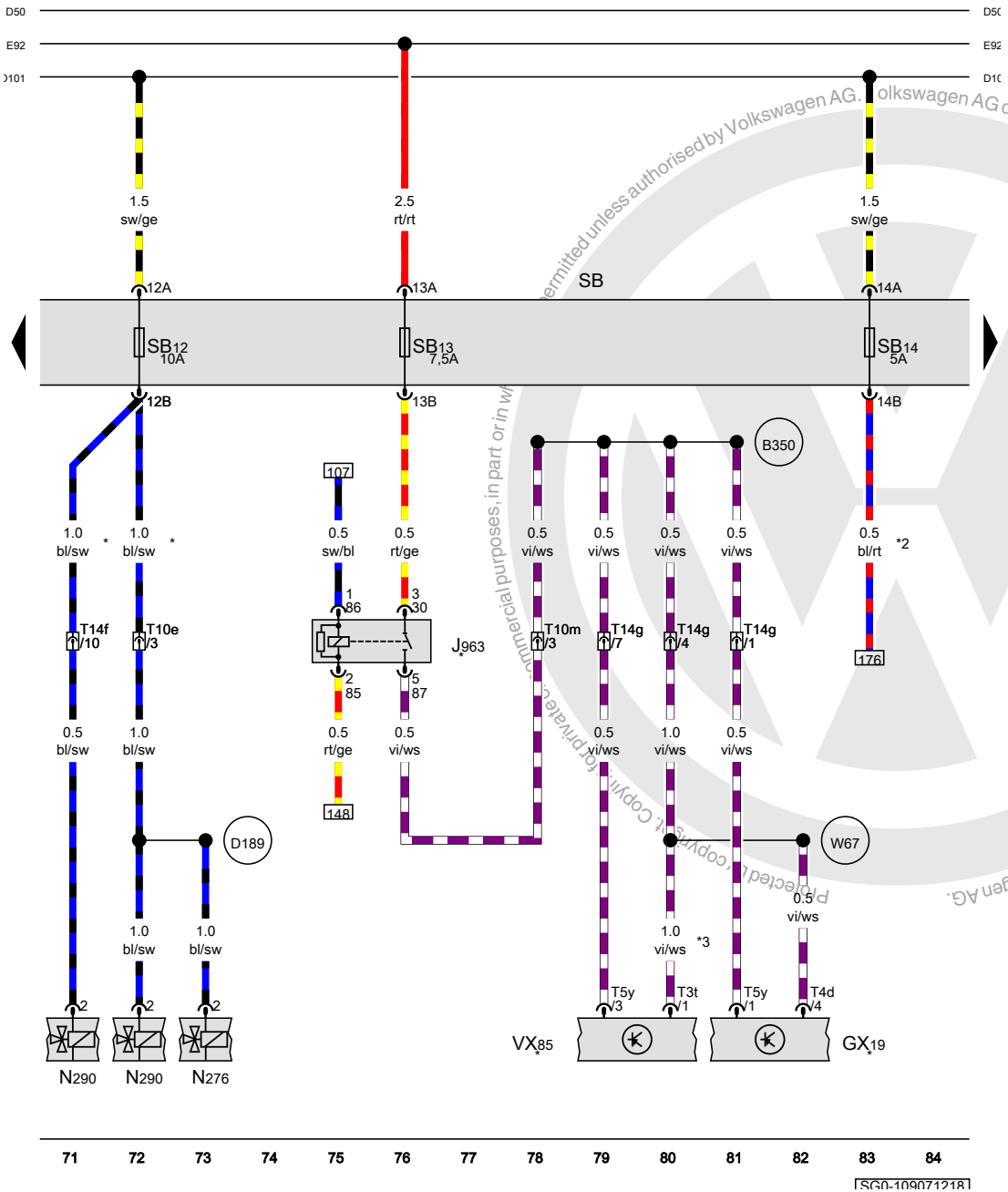
Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Exhaust flap valve, Turbocharger air recirculation valve, Charge pressure control solenoid valve 2, Intake manifold flap valve, Exhaust gas recirculation cooler changeover valve, Turbine changeover valve, Fuse holder B

N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N220	Exhaust flap valve
N249	Turbocharger air recirculation valve
N274	Charge pressure control solenoid valve 2
N316	Intake manifold flap valve
N345	Exhaust gas recirculation cooler changeover valve
N529	Turbine changeover valve
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB11	Fuse 11 on fuse holder B
T10e	10-pin connector, white, in E-box
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D114	Connection 12 in engine compartment wiring harness
D189	Connection (87a) in engine prewiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Delivery unit for reducing agent metering system, Relay for reducing agent metering system, Fuel pressure regulating valve, Fuel metering valve, Fuse holder B, Reducing agent tank

GX19	Delivery unit for reducing agent metering system, on reducing-agent tank
J963	Relay for reducing agent metering system
N276	Fuel pressure regulating valve
N290	Fuel metering valve
SB	Fuse holder B
SB12	Fuse 12 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
T3t	3-pin connector, black
T4d	4-pin connector, black
T5y	5-pin connector, black
T10e	10-pin connector, white, in E-box
T10m	10-pin connector, light pink, in E-box
T14f	14-pin connector, grey, in E-box
T14g	14-pin connector, black, near container for additive
VX85	Reducing agent tank
B350	Positive connection 1 (87a) in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D189	Connection (87a) in engine prewiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
W67	Connection (87), in floor wiring harness
*	see applicable current flow diagram for engine
*2	For models with diesel engine
*3	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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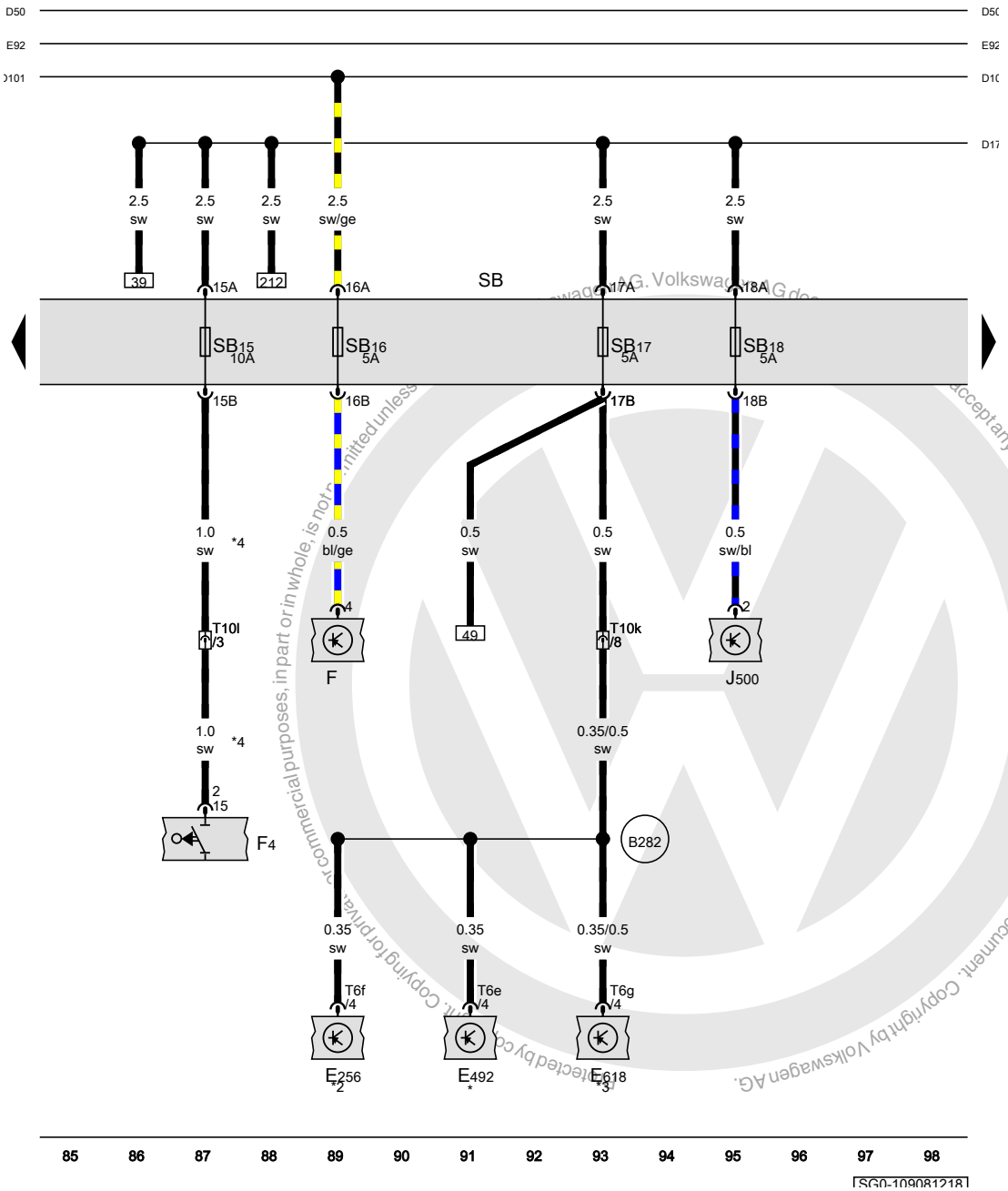

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gn	=	green	
bl	=	blue	
gr	=	grey	
li	=	purple	
vi	=	purple	
ge	=	yellow	
or	=	orange	
rs	=	pink	

Button for TCS and electronic stabilisation program, Tyre Pressure Loss Indicator button, Hill descent control button, Brake light switch, Reversing light switch, Power steering control unit, Fuse holder B

E256	Button for TCS and electronic stabilisation program
E492	Tyre Pressure Loss Indicator button
E618	Hill descent control button
F	Brake light switch
F4	Reversing light switch
J500	Power steering control unit
SB	Fuse holder B
SB15	Fuse 15 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB17	Fuse 17 on fuse holder B
SB18	Fuse 18 on fuse holder B
T6e	6-pin connector, red
T6f	6-pin connector, red
T6g	6-pin connector, black
T10k	10-pin connector, purple, in E-box
T10l	10-pin connector, light green, in E-box
B282	Positive connection 6 (15a) in main wiring harness
D17	Positive connection 1 (15), in engine harness
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	For models with Tyre Pressure Monitoring System
*2	For models with electronic stabilisation program (ESP) and traction control system (TCS)
*3	According to equipment
*4	For models with manual gearbox

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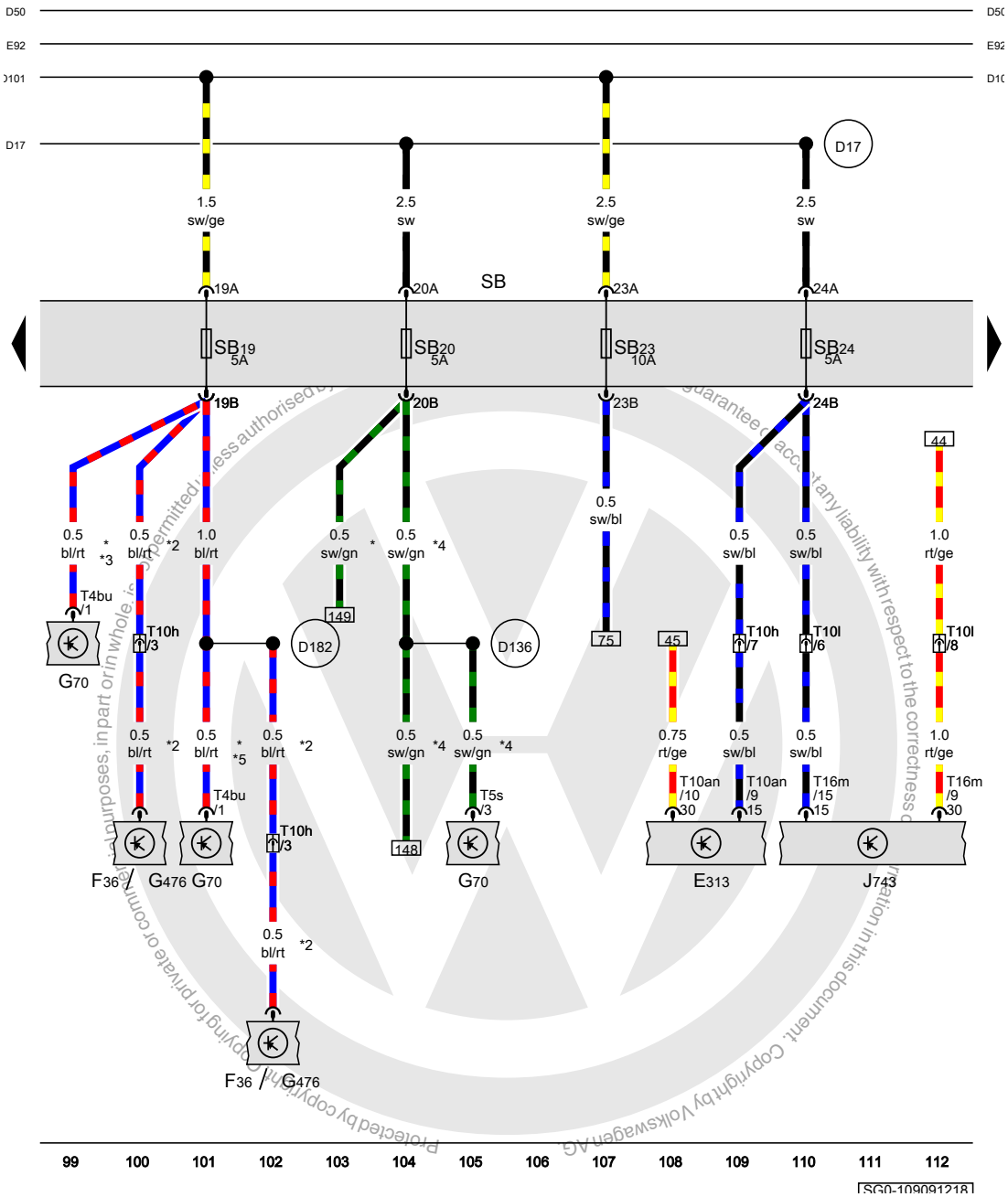

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gn	=	green	
bl	=	blue	
gr	=	grey	
li	=	purple	
vi	=	purple	
ge	=	yellow	
or	=	orange	
rs	=	pink	

Selector lever, Clutch pedal switch, Air mass meter, Clutch position sender, Mechatronic unit for dual clutch gearbox, Fuse holder B

E313	Selector lever
F36	Clutch pedal switch
G70	Air mass meter
G476	Clutch position sender
J743	Mechatronic unit for dual clutch gearbox
SB	Fuse holder B
SB19	Fuse 19 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T4bu	4-pin connector, black
T5s	5-pin connector, black
T10an	10-pin connector, black
T10h	10-pin connector, orange, in E-box
T10l	10-pin connector, light green, in E-box
T16m	16-pin connector, black, on electronic gearbox control unit
D17	Positive connection 1 (15), in engine harness
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D136	Positive connection 2 (15a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	For models with diesel engine
*2	For models with manual gearbox
*3	For models with Euro 5 emission standard
*4	For models with petrol engine
*5	For models with Euro 6 emission standard

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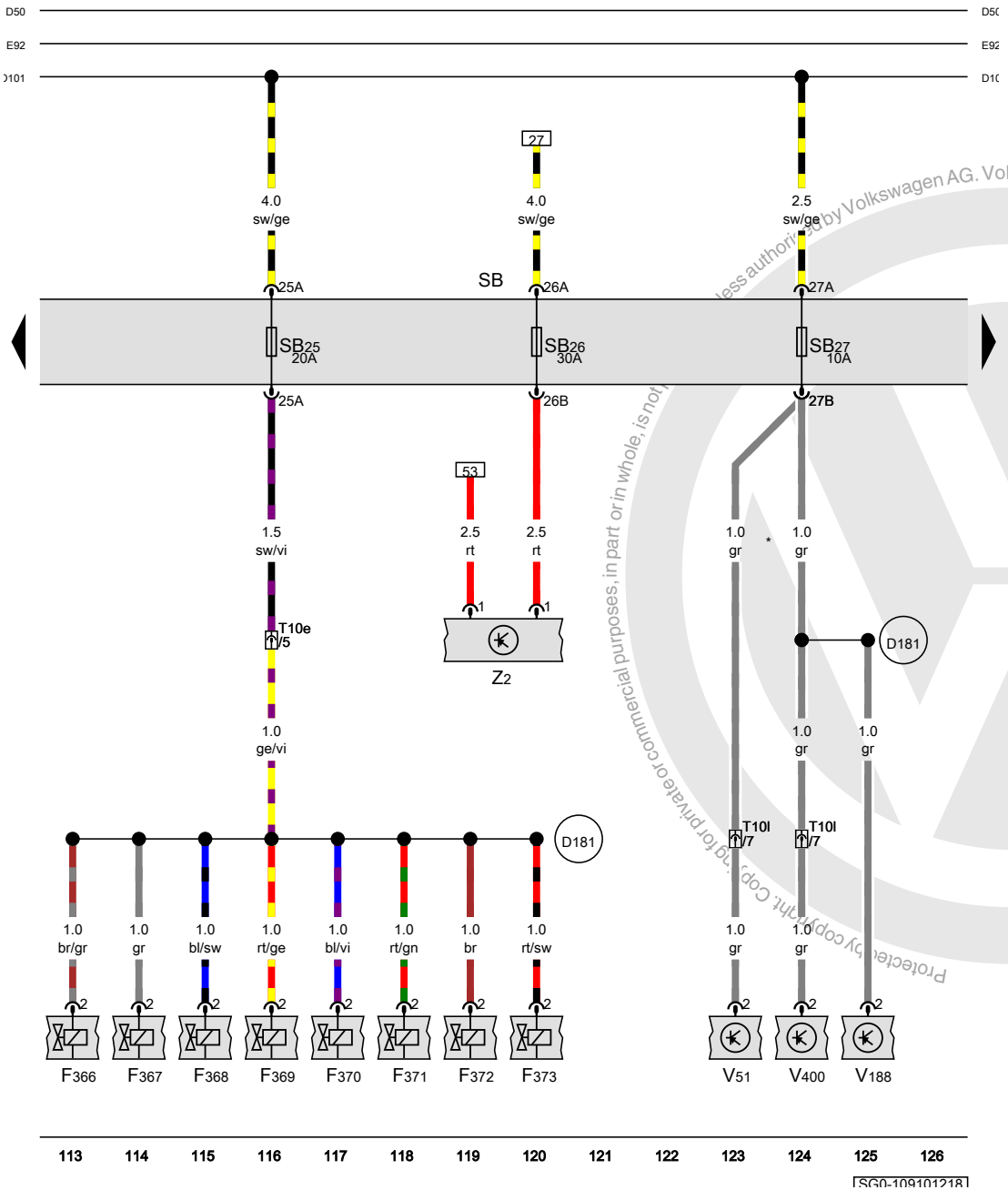
Cam adjustment actuator 1, Cam adjustment actuator 8, Fuse holder B, Continued coolant circulation pump, Charge air cooling pump, Pump for exhaust gas recirculation cooler, Heated windscreen



F366	Cam adjustment actuator 1
F367	Cam adjustment actuator 2
F368	Cam adjustment actuator 3
F369	Cam adjustment actuator 4
F370	Cam adjustment actuator 5
F371	Cam adjustment actuator 6
F372	Cam adjustment actuator 7
F373	Cam adjustment actuator 8
SB	Fuse holder B
SB25	Fuse 25 on fuse holder B
SB26	Fuse 26 on fuse holder B
SB27	Fuse 27 on fuse holder B
T10e	10-pin connector, white, in E-box
T10l	10-pin connector, light green, in E-box
V51	Continued coolant circulation pump
V188	Charge air cooling pump
V400	Pump for exhaust gas recirculation cooler
Z2	Heated windscreen
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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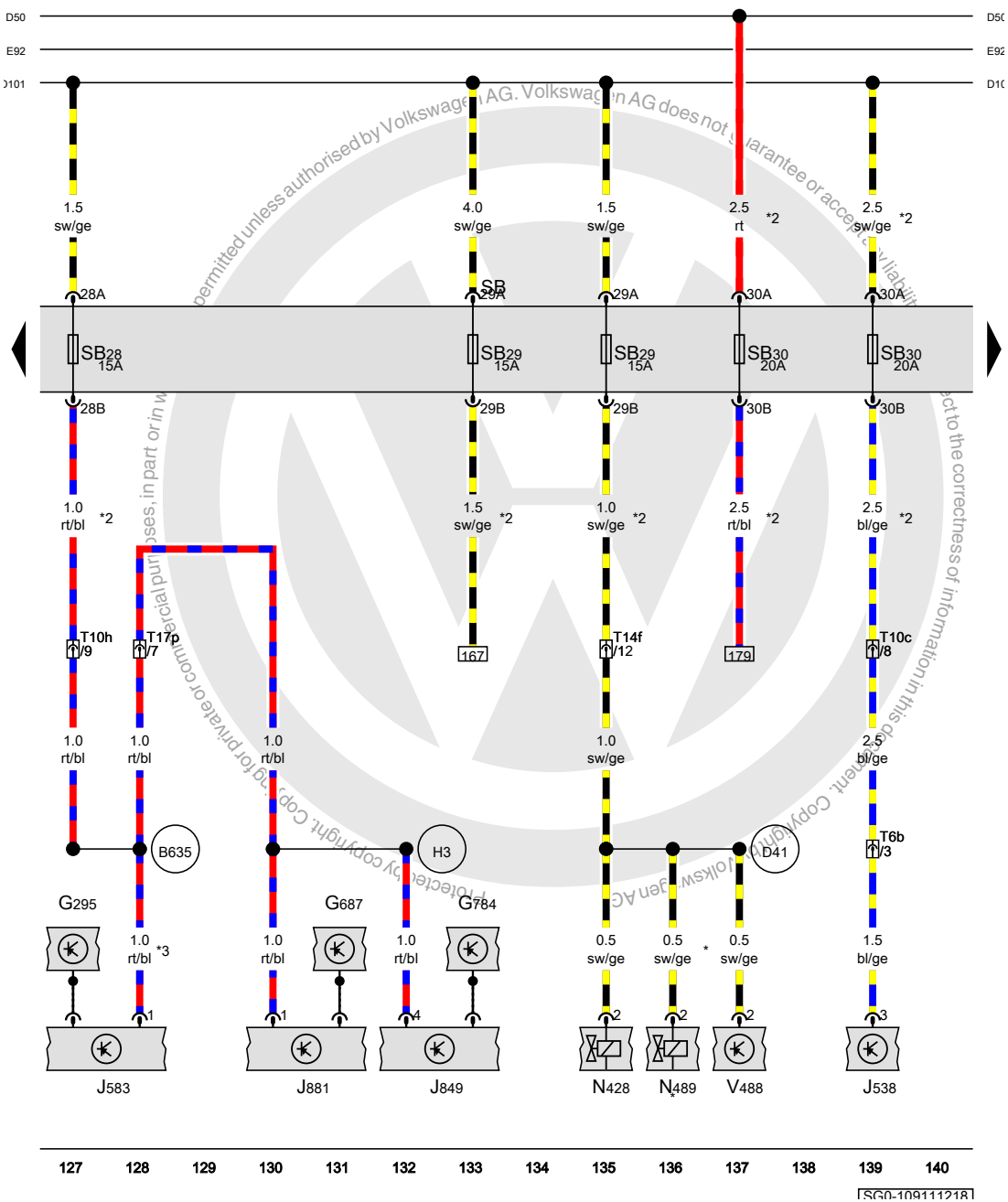
NOx sender, NOx sender 2, Particulate sensor, Fuel pump control unit, Valve for oil pressure control, Coolant valve for cylinder head, Fuse holder B, Auxiliary pump for heating



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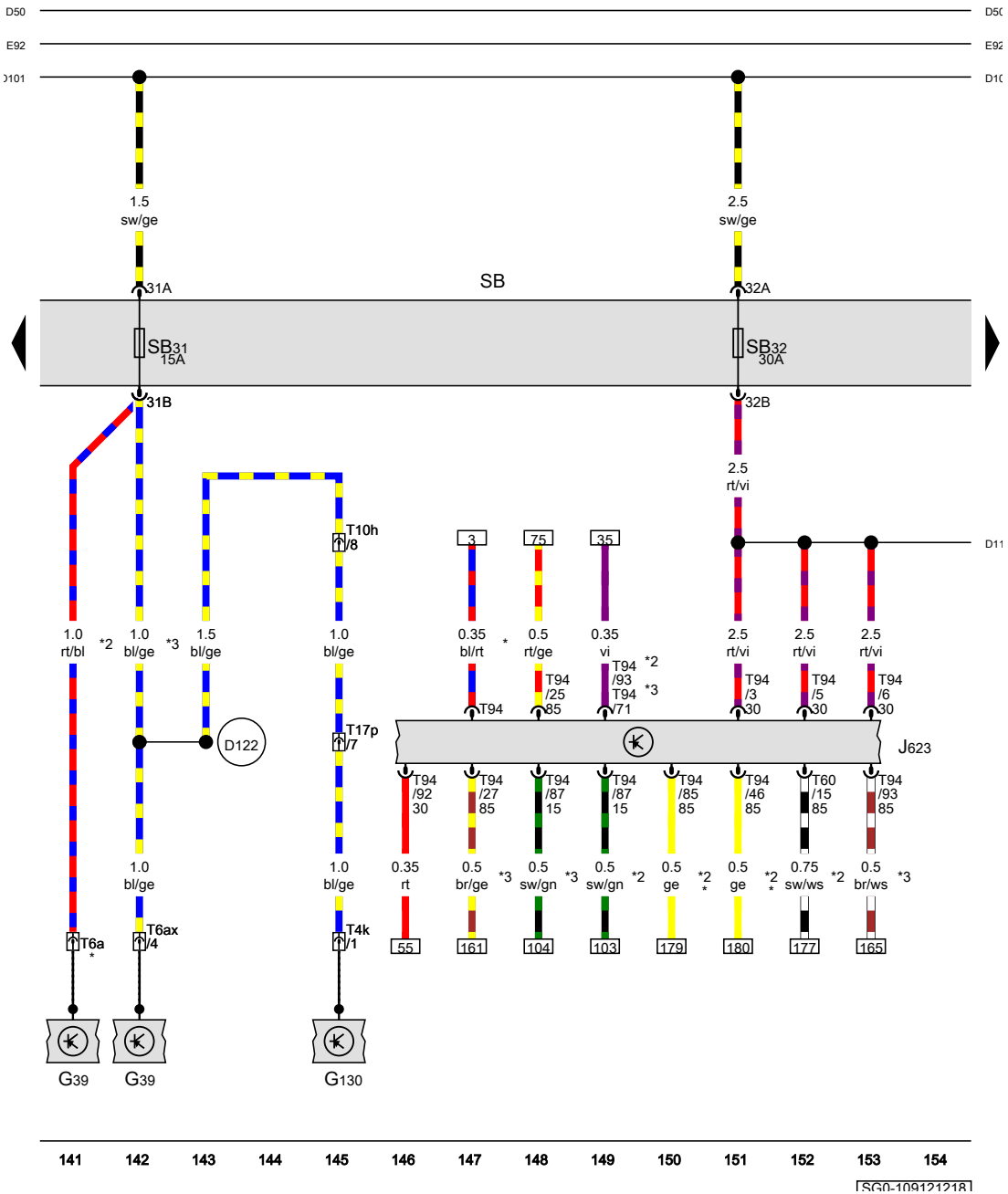
ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

G295	NOx sender
G687	NOx sender 2
G784	Particulate sensor
J538	Fuel pump control unit
J583	Control unit for NOx sender
J849	Control unit for sensor electronics
J881	Control unit for NOx sender 2
N428	Valve for oil pressure control
N489	Coolant valve for cylinder head
SB	Fuse holder B
SB28	Fuse 28 on fuse holder B
SB29	Fuse 29 on fuse holder B
SB30	Fuse 30 on fuse holder B
T6b	6-pin connector, black, on fuel tank
T10c	10-pin connector, yellow, in E-box
T10h	10-pin connector, orange, in E-box
T14f	14-pin connector, grey, in E-box
T17p	17-pin connector, red, under seat on front left
V488	Auxiliary pump for heating
B635	Positive connection 3 (87), in main wiring harness
D41	Connection 3, in engine prewiring harness
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
H3	Connection 1 in wiring harness for reducing agent tank
*	Not used
*2	see applicable current flow diagram for engine
*3	From August 2018



Lambda probe, Lambda probe after catalytic converter, Engine/motor control unit, Fuse holder B

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine/motor control unit, in E-box
SB	Fuse holder B
SB31	Fuse 31 on fuse holder B
SB32	Fuse 32 on fuse holder B
T4k	4-pin connector, black, on underbody, next to auxiliary heater
T6a	6-pin connector, black, on right in engine compartment
T6ax	6-pin connector, black, on right in engine compartment
T10h	10-pin connector, orange, in E-box
T17p	17-pin connector, red, under seat on front left
T60	60-pin connector, black
T94	94-pin connector, black
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness
D122	Connection 20 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	For models with diesel engine
*3	For models with petrol engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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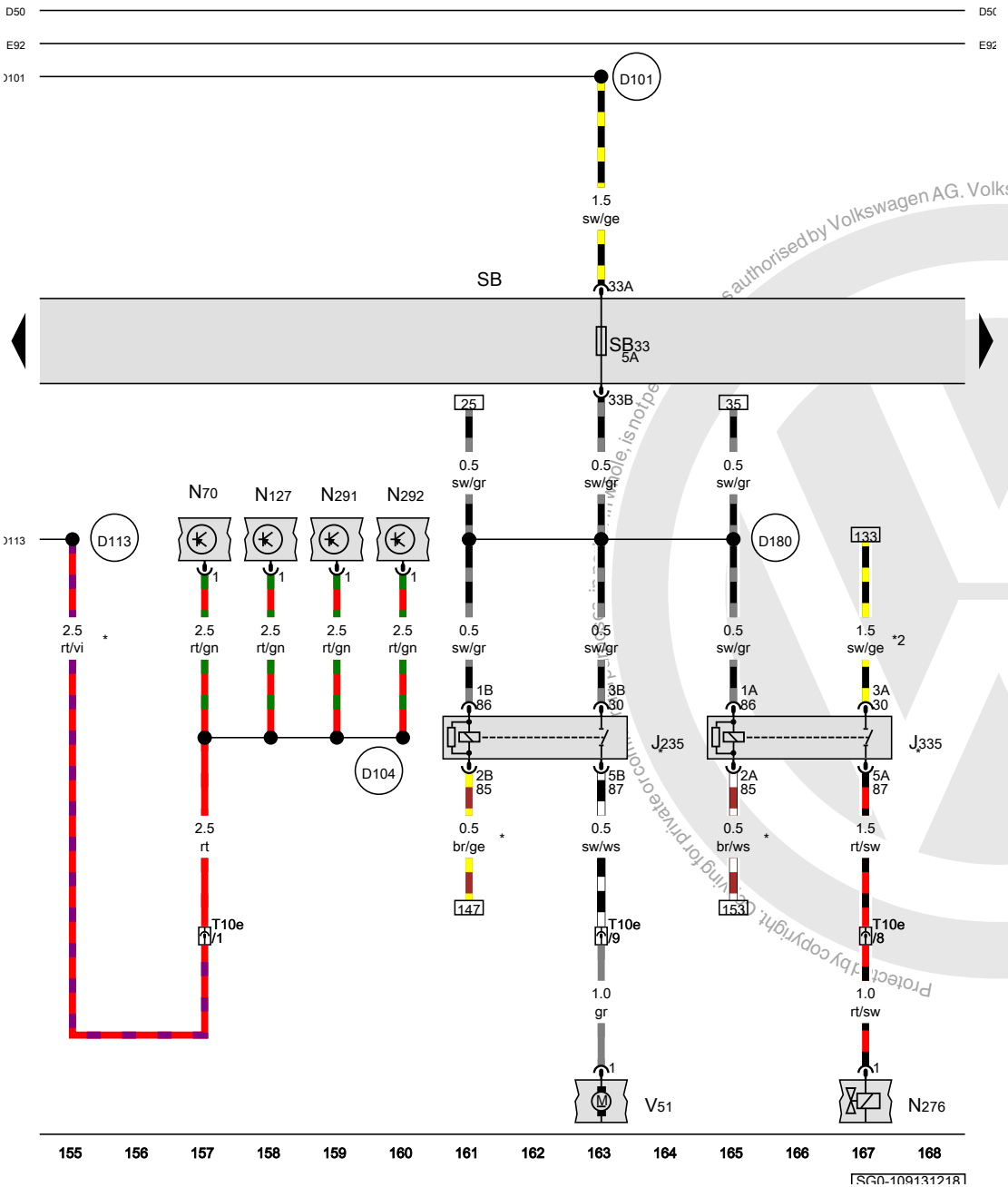
Coolant pump relay, Fuel shut-off valve switch-off relay, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Fuel pressure regulating valve, Ignition coil 3 with output stage, Ignition coil 4 with output stage, Fuse holder B, Continued coolant circulation pump



J235	Coolant pump relay
J335	Fuel shut-off valve switch-off relay
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N276	Fuel pressure regulating valve
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
SB	Fuse holder B
SB33	Fuse 33 on fuse holder B
T10e	10-pin connector, white, in E-box
V51	Continued coolant circulation pump
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D104	Positive connection 2 (30a), in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	For models with petrol engine
*2	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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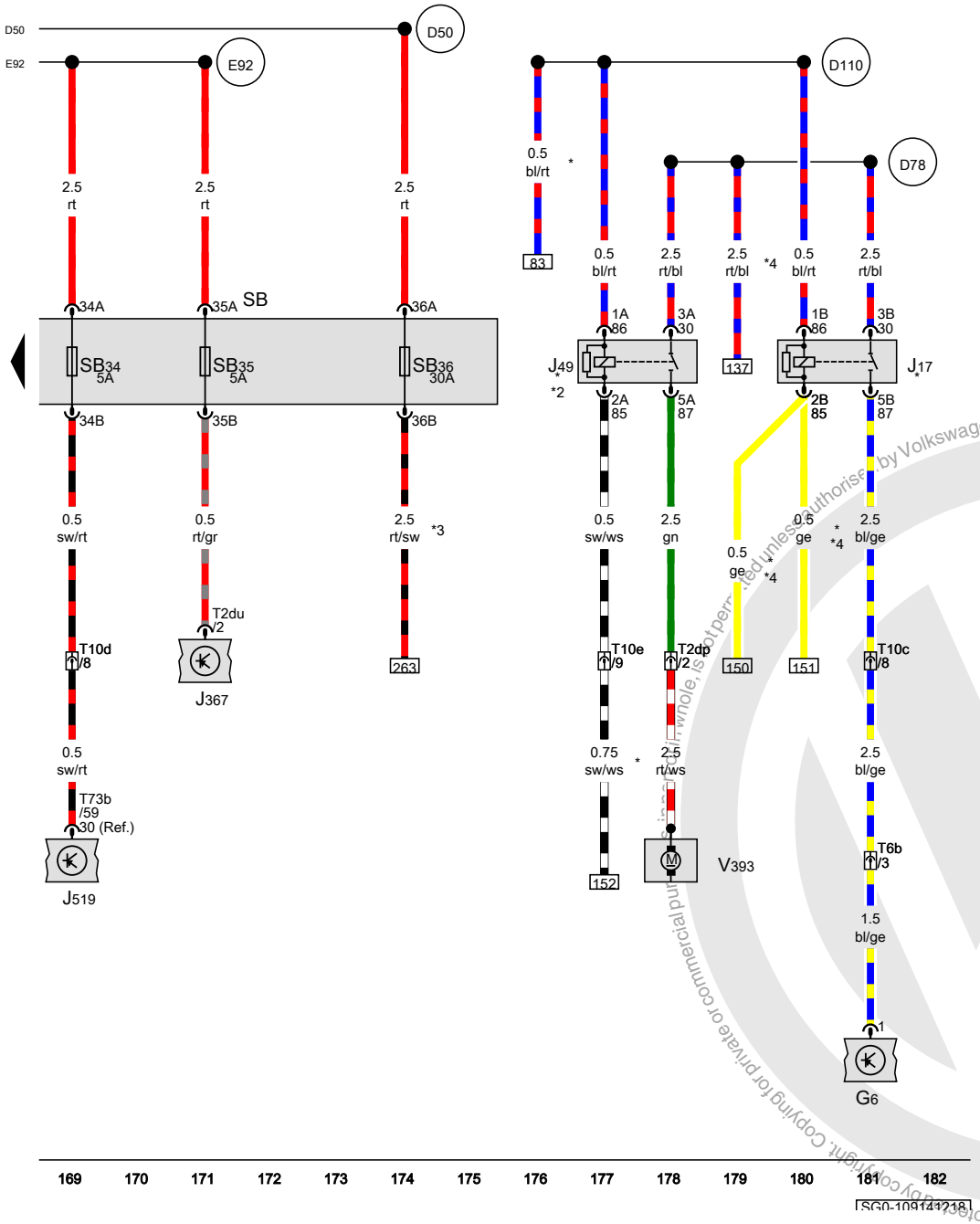

Fuel system pressurisation pump, Fuel pump relay, Electric fuel pump 2 relay, Battery monitor control unit, Onboard supply control unit, Fuse holder B, Supplementary fuel pump

G6	Fuel system pressurisation pump
J17	Fuel pump relay, in E-box
J49	Electric fuel pump 2 relay, in E-box
J367	Battery monitor control unit
J519	Onboard supply control unit
SB	Fuse holder B
SB34	Fuse 34 on fuse holder B
SB35	Fuse 35 on fuse holder B
SB36	Fuse 36 on fuse holder B
T2dp	2-pin connector, black, near fuel filter
T2du	2-pin connector, black
T6b	6-pin connector, black, on fuel tank
T10c	10-pin connector, yellow, in E-box
T10d	10-pin connector, blue, in E-box
T10e	10-pin connector, white, in E-box
T73b	73-pin connector, white
V393	Supplementary fuel pump
D50	Positive connection (30), in engine compartment wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	For models with diesel engine
*2	For models with Euro 5 emission standard
*3	For models with manual gearbox
*4	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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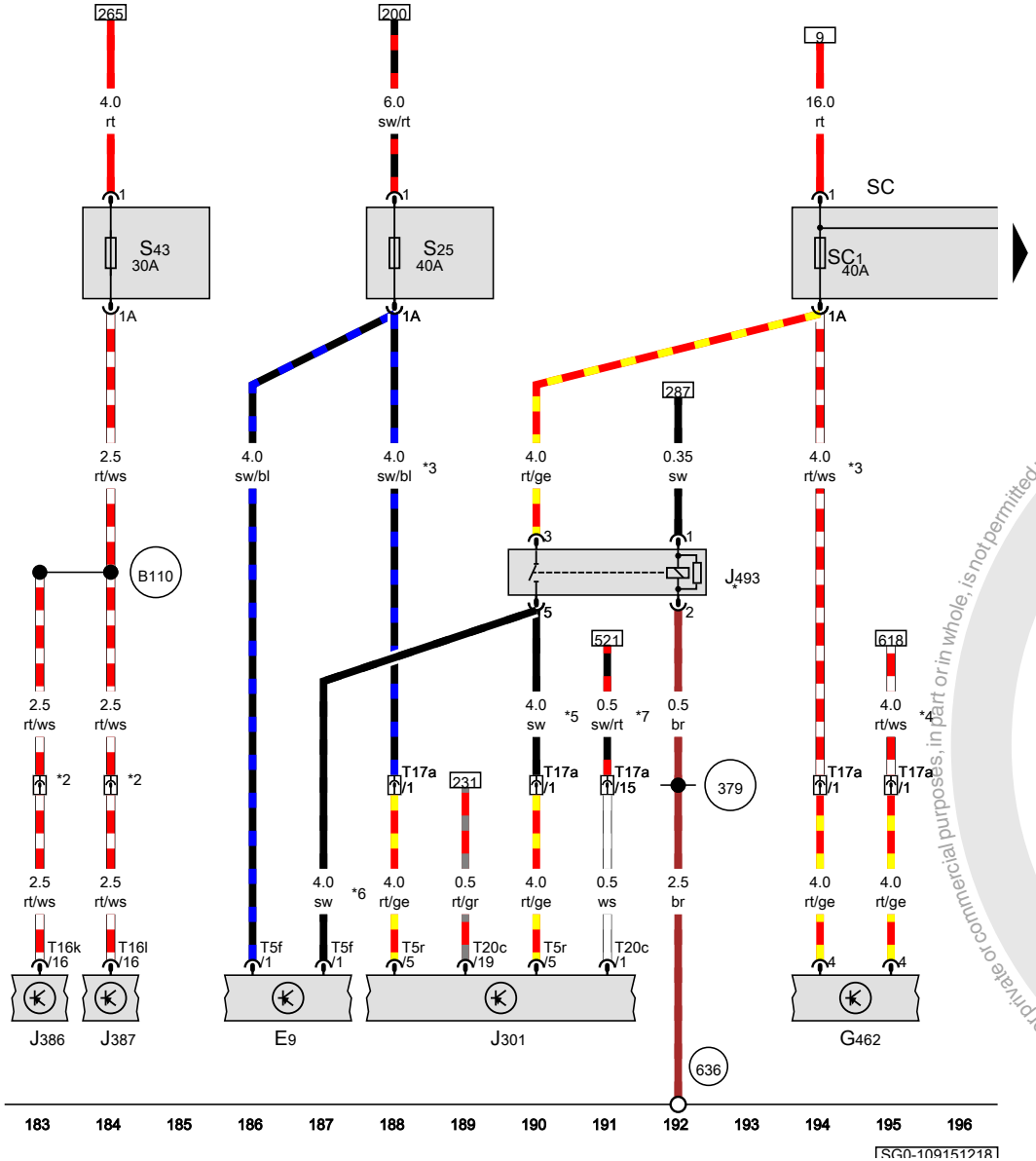
Fresh air blower switch, Sender for front Bitron blower regulation, Air conditioning system control unit, Driver door control unit, Front passenger door control unit, Auxiliary coolant heater relay, Hot air blower single fuse, Window regulator thermal fuse, Fuse holder C



E9	Fresh air blower switch
G462	Sender for front Bitron blower regulation
J301	Air conditioning system control unit
J386	Driver door control unit
J387	Front passenger door control unit
J493	Auxiliary coolant heater relay
S25	Hot air blower single fuse
S43	Window regulator thermal fuse
SC	Fuse holder C
SC1	Fuse 1 on fuse holder C
T5f	5-pin connector, black
T5r	5-pin connector, black
T16k	16-pin connector, black
T16l	16-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
379	Earth connection 14, in main wiring harness
636	Earth point, onboard supply control unit
B110	Connection (30, window regulators), in interior wiring harness
*	For models with no Climatronic
*2	see applicable current flow diagram for convenience system
*3	For models with no auxiliary coolant heater
*4	For models with auxiliary coolant heater
*5	For models with Climatic
*6	For models with no air conditioning system
*7	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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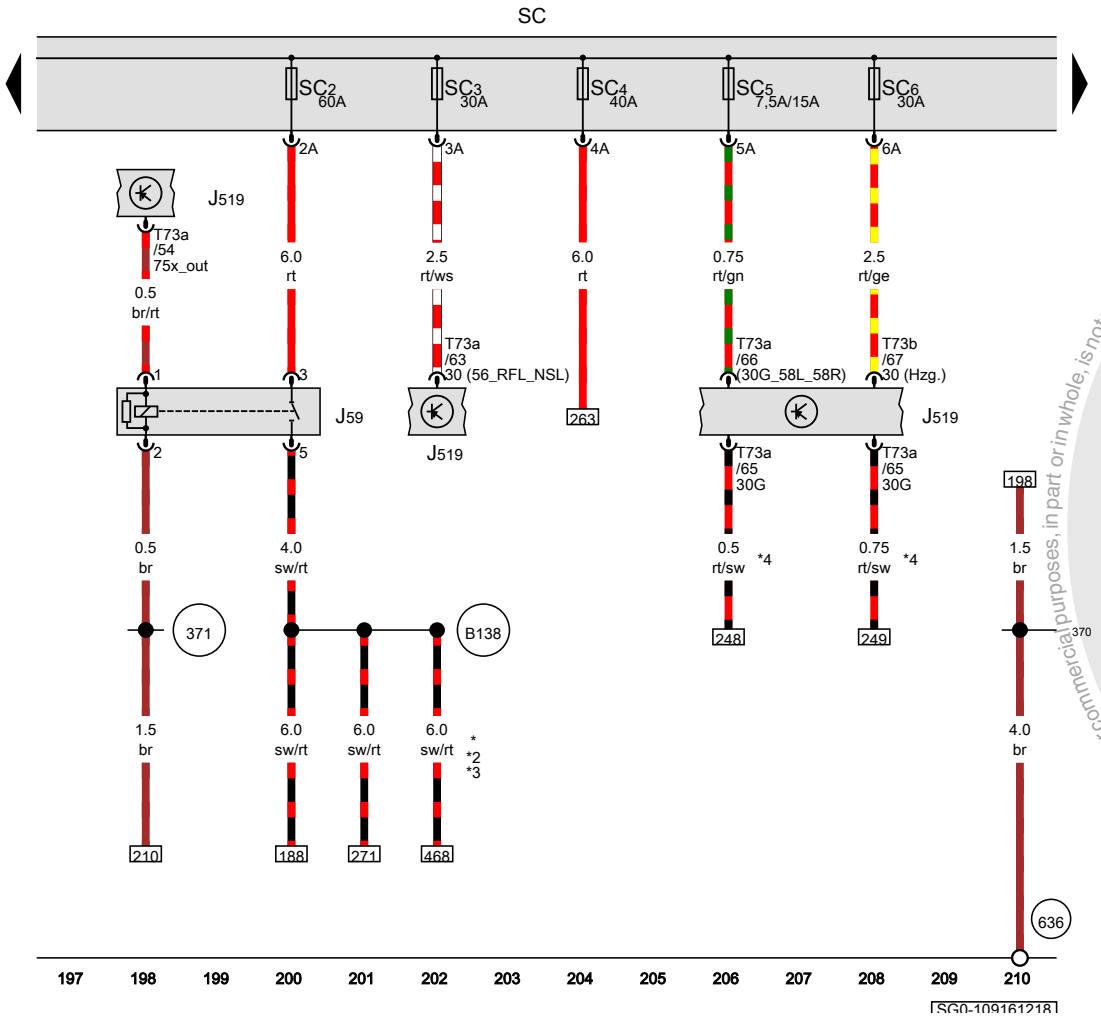
X-contact relief relay, Onboard supply control unit, Fuse holder C

J59	X-contact relief relay
J519	Onboard supply control unit
SC	Fuse holder C
SC2	Fuse 2 on fuse holder C
SC3	Fuse 3 on fuse holder C
SC4	Fuse 4 on fuse holder C
SC5	Fuse 5 on fuse holder C
SC6	Fuse 6 on fuse holder C
T73a	73-pin connector, black
T73b	73-pin connector, white
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
636	Earth point, onboard supply control unit
B138	Positive connection (X), in interior wiring harness
*	For models with electric interface for external use
*2	see applicable current flow diagram
*3	Up to November 2016
*4	see applicable current flow diagram for interior lights



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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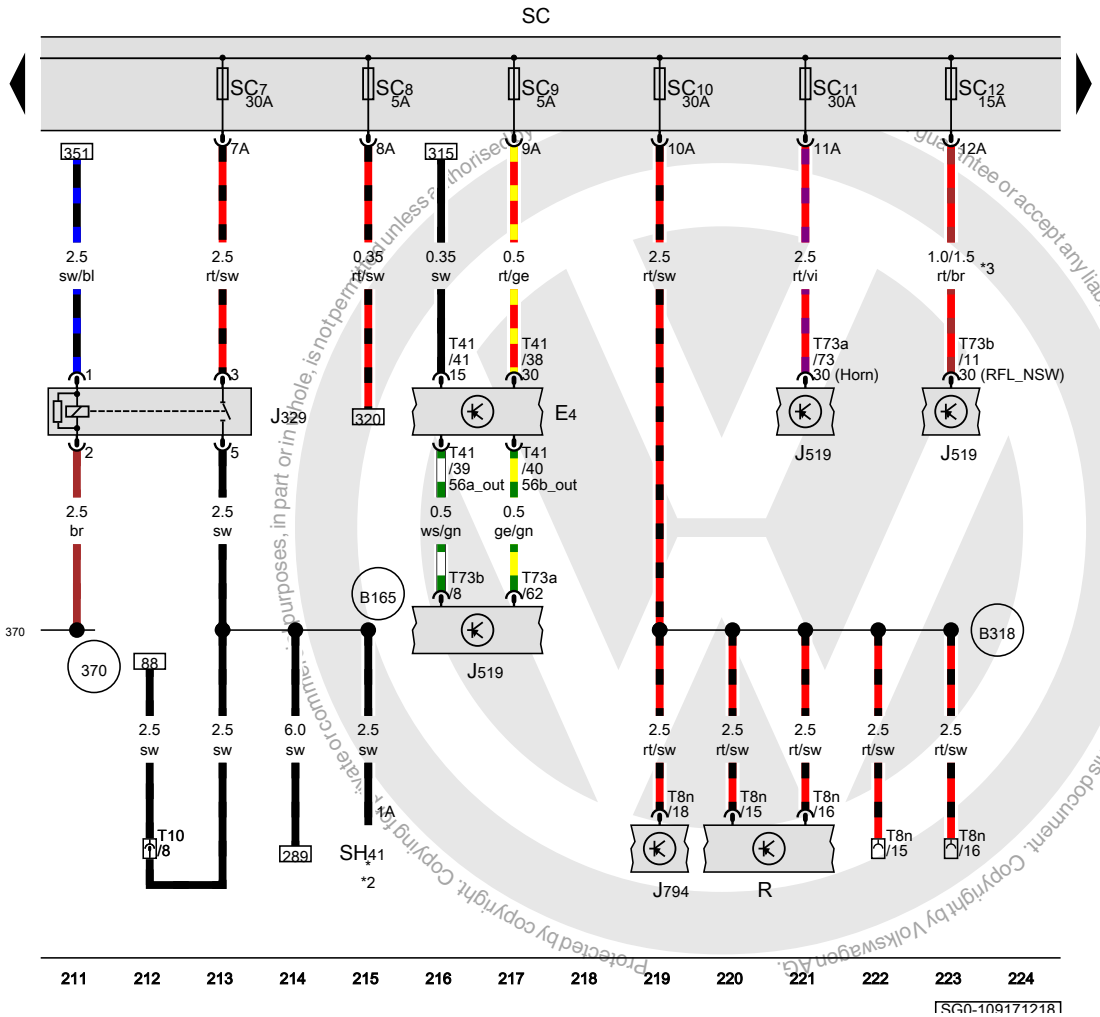
Headlight dipper and flasher switch, Terminal 15 voltage supply relay, Onboard supply control unit, Control unit 1 for information electronics, Radio, Fuse holder C, Fuse 41 in fuse holder H



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

E4	Headlight dipper and flasher switch
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J794	Control unit 1 for information electronics
R	Radio
SC	Fuse holder C
SC7	Fuse 7 on fuse holder C
SC8	Fuse 8 on fuse holder C
SC9	Fuse 9 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC11	Fuse 11 on fuse holder C
SC12	Fuse 12 on fuse holder C
SH41	Fuse 41 in fuse holder H
T8n	8-pin connector, black, in slot for radio
T10	10-pin connector, black, in E-box
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
370	Earth connection 5, in main wiring harness
B165	Positive connection 2 (15), in interior wiring harness
B318	Positive connection 4 (30a) in main wiring harness
*	see applicable current flow diagram
*2	For models with special police equipment
*3	Cross section depends on equipment

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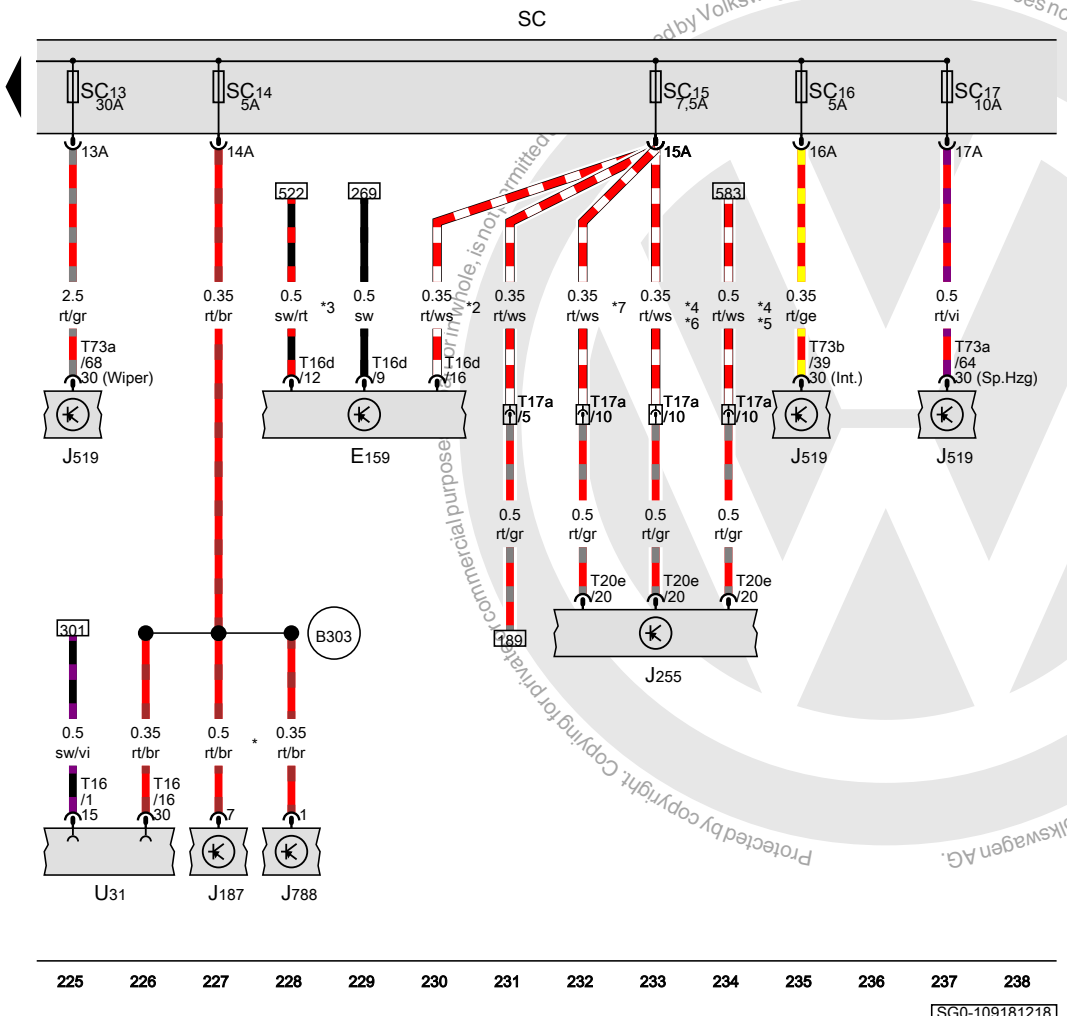
Fresh air and air recirculation flap switch, Differential lock control unit, Climatronic control unit, Onboard supply control unit, Isolation relay for powertrain CAN bus, Fuse holder C, Diagnostic connection



E159	Fresh air and air recirculation flap switch
J187	Differential lock control unit
J255	Climatronic control unit
J519	Onboard supply control unit
J788	Isolation relay for powertrain CAN bus
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC16	Fuse 16 on fuse holder C
SC17	Fuse 17 on fuse holder C
T16	16-pin connector, black
T16d	16-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T20e	20-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
U31	Diagnostic connection, on left in dash panel
B303	Positive connection 7 (30), in main wiring harness
*	For models with rear differential lock
*2	For models with no air conditioning system
*3	According to equipment
*4	For models with auxiliary coolant heater
*5	For models with start/stop system
*6	For models with no start/stop system
*7	For models with no auxiliary coolant heater

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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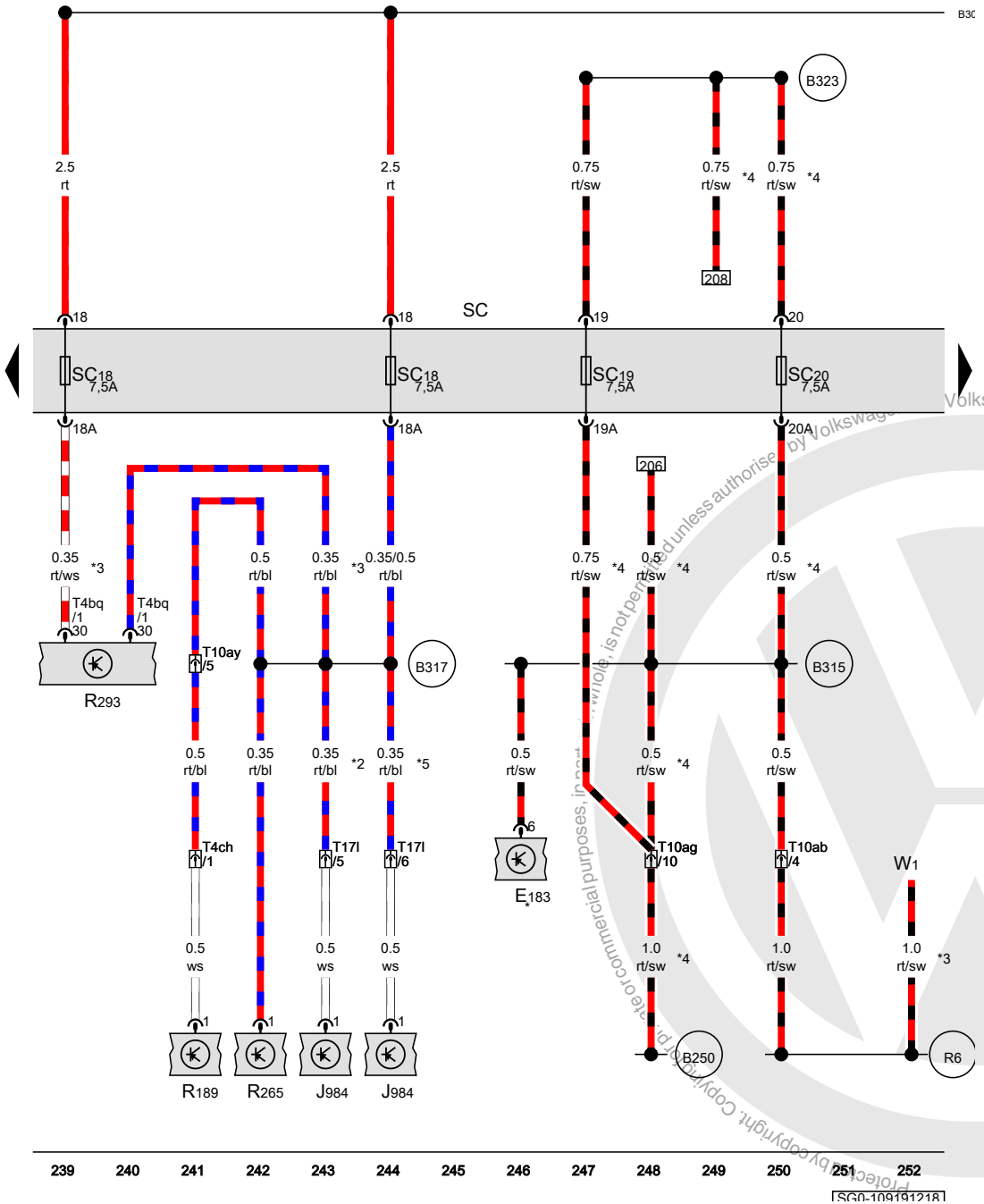

Interior monitoring switch, Two-way signal amplifier for mobile telephone/data services, Reversing camera, Storage compartment with interface for mobile telephone, USB hub, Fuse holder C, Front interior light

E183	Interior monitoring switch
J984	Two-way signal amplifier for mobile telephone/data services
R189	Reversing camera
R265	Storage compartment with interface for mobile telephone
R293	USB hub
SC	Fuse holder C
SC18	Fuse 18 on fuse holder C
SC19	Fuse 19 on fuse holder C
SC20	Fuse 20 on fuse holder C
T4bq	4-pin connector, red
T4ch	4-pin connector, black, under roof trim
T10ab	10-pin connector, white, in left A-pillar coupling station
T10ag	10-pin connector, brown, in left A-pillar coupling station
T10ay	10-pin connector, red, under seat on front right
T17l	17-pin connector, black, on left A-pillar
W1	Front interior light
B250	Positive connection, in roof wiring harness
B301	Positive connection 5 (30), in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B317	Positive connection 3 (30a) in main wiring harness
B323	Positive connection 9 (30a) in main wiring harness
R6	Positive connection 1, in interior light wiring harness
*	For models with anti-theft alarm system and tow-away protection
*2	For left-hand drive models
*3	According to equipment
*4	see applicable current flow diagram for interior lights
*5	For right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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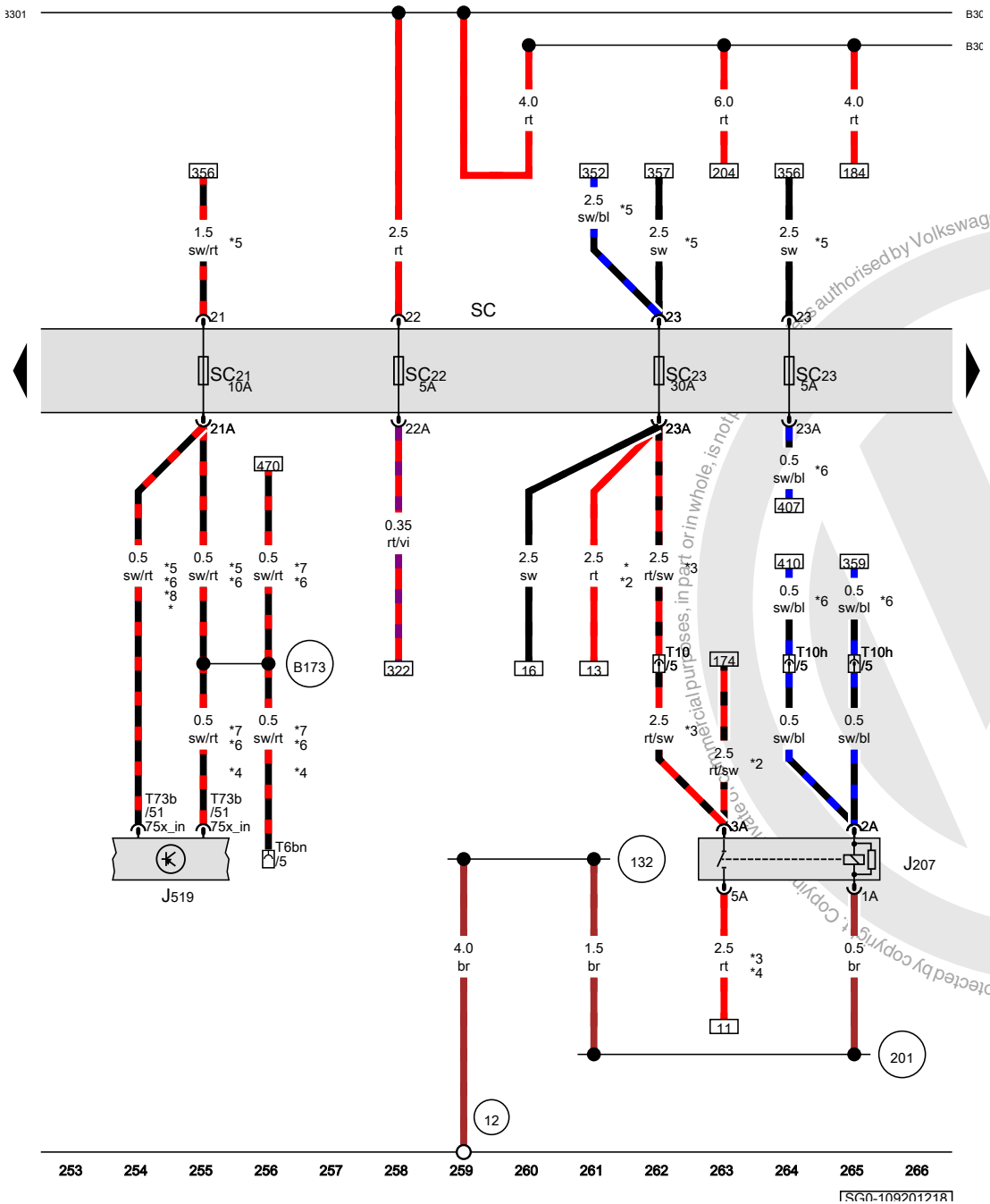

Starter inhibitor relay, Onboard supply control unit, Fuse holder C, 6-pin connector

J207	Starter inhibitor relay
J519	Onboard supply control unit
SC	Fuse holder C
SC21	Fuse 21 on fuse holder C
SC22	Fuse 22 on fuse holder C
SC23	Fuse 23 on fuse holder C
T6bn	6-pin connector, grey, under seat on front left
T10	10-pin connector, black, in E-box
T10h	10-pin connector, orange, in E-box
T73b	73-pin connector, white
12	Earth point, on left in engine compartment
132	Earth connection 3, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
B173	Positive connection 2 (X), in interior wiring harness
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
*	For models with no electric interface
*2	For models with manual gearbox
*3	For models with dual clutch gearbox (DSG)
*4	For models with electric interface for external use
*5	see applicable current flow diagram for engine
*6	According to equipment
*7	For models with special police equipment
*8	For models with no special police equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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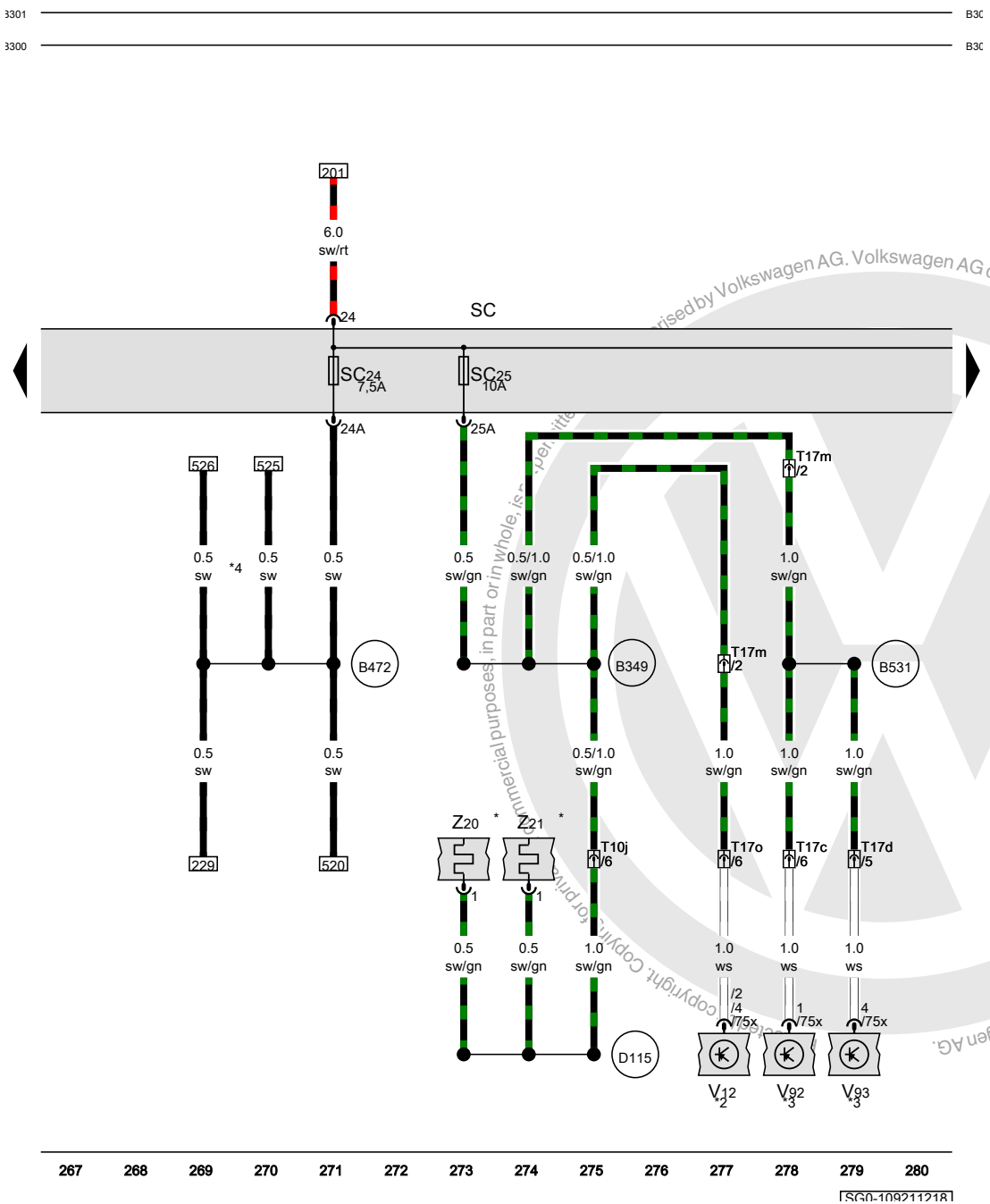

Fuse holder C, Rear window wiper motor, Rear left wing door window wiper motor, Rear right wing door window wiper motor, Left washer jet heater element

SC	Fuse holder C
SC24	Fuse 24 on fuse holder C
SC25	Fuse 25 on fuse holder C
T10j	10-pin connector, brown, in E-box
T17c	17-pin connector, black, behind lower section of left D-pillar trim
T17d	17-pin connector, black, behind lower section of right D-pillar trim
T17m	17-pin connector, red, in left A-pillar coupling station
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
V12	Rear window wiper motor
V92	Rear left wing door window wiper motor
V93	Rear right wing door window wiper motor
Z20	Left washer jet heater element
Z21	Right washer jet heater element
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B349	Connection 2 (75a), in main wiring harness
B472	Connection 8, in main wiring harness
B531	Positive connection (75), in roof wiring harness
D115	Connection 13 in engine compartment wiring harness
*	For models with heater element for washer jets
*2	For models with rear lid
*3	For models with rear window wiper
*4	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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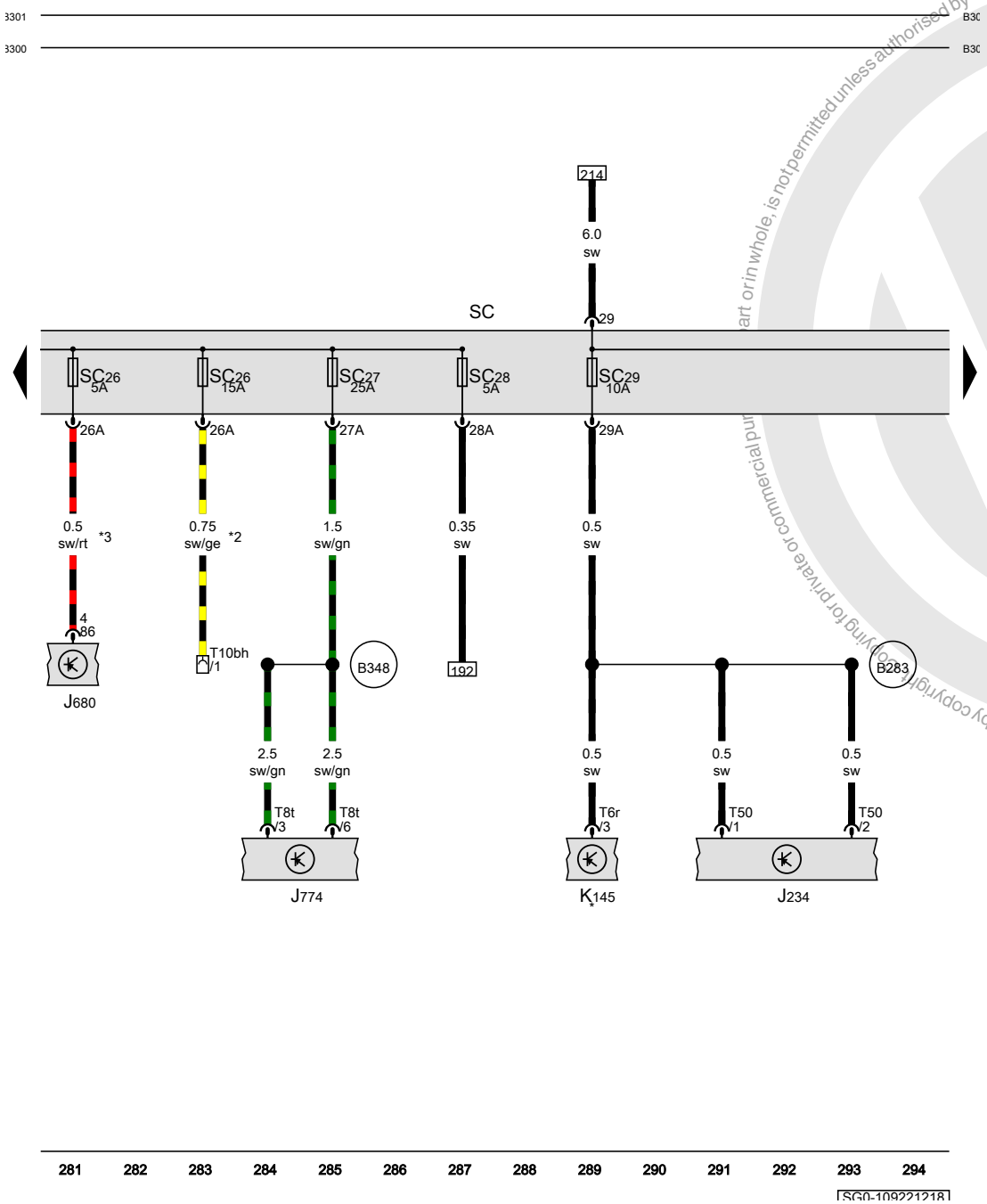
Airbag control unit, Terminal 75 voltage supply relay 1, Heated front seats control unit, Warning lamp for airbag deactivated on front passenger side, Fuse holder C



J234	Airbag control unit
J680	Terminal 75 voltage supply relay 1
J774	Heated front seats control unit
K145	Warning lamp for airbag deactivated on front passenger side
SC	Fuse holder C
SC26	Fuse 26 on fuse holder C
SC27	Fuse 27 on fuse holder C
SC28	Fuse 28 on fuse holder C
SC29	Fuse 29 on fuse holder C
T6r	6-pin connector, green
T8t	8-pin connector, black
T10bh	10-pin connector, purple, under seat on front left
T50	50-pin connector, yellow
B283	Positive connection 7 (15a) in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B348	Connection 1 (75a), in main wiring harness
*	For models with key-operated switch to deactivate airbag
*2	For models with electric interface for external use
*3	For models with special police equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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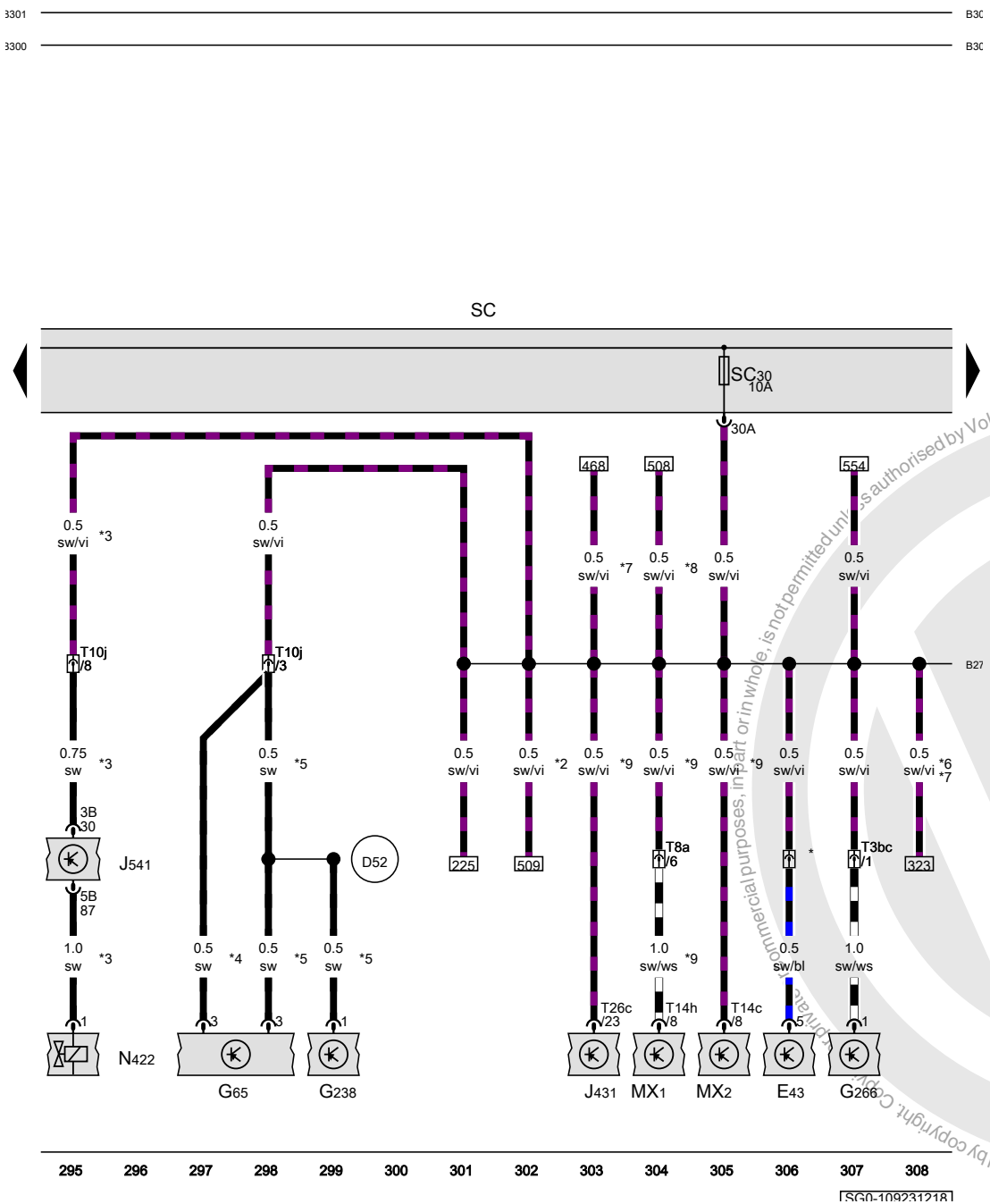

Mirror adjustment switch, High-pressure sender, Air quality sensor, Oil level and oil temperature sender, Coolant shut-off valve relay, Climatronic coolant shut-off valve, Fuse holder C

E43	Mirror adjustment switch
G65	High-pressure sender
G238	Air quality sensor
G266	Oil level and oil temperature sender
J431	Headlight range control unit
J541	Coolant shut-off valve relay
MX1	Front left headlight
MX2	Front right headlight
N422	Climatronic coolant shut-off valve
SC	Fuse holder C
SC30	Fuse 30 on fuse holder C
T3bc	3-pin connector, black, on cross panel
T8a	8-pin connector, black, on horn
T10ad	10-pin connector, red, near left A-pillar
T10j	10-pin connector, brown, in E-box
T14c	14-pin connector, black
T14h	14-pin connector, black
T26c	26-pin connector, black
B278	Positive connection 2 (15a) in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
D52	Positive connection (15a), in engine compartment wiring harness
*	see applicable current flow diagram for convenience system
*2	For models with no electric rear lid opener
*3	For countries with hot climate
*4	For models with air conditioning system
*5	For models with Climatronic
*6	For models with accident data recorder
*7	For models with special police equipment
*8	For models with electric rear lid opener
*9	For models with LED headlights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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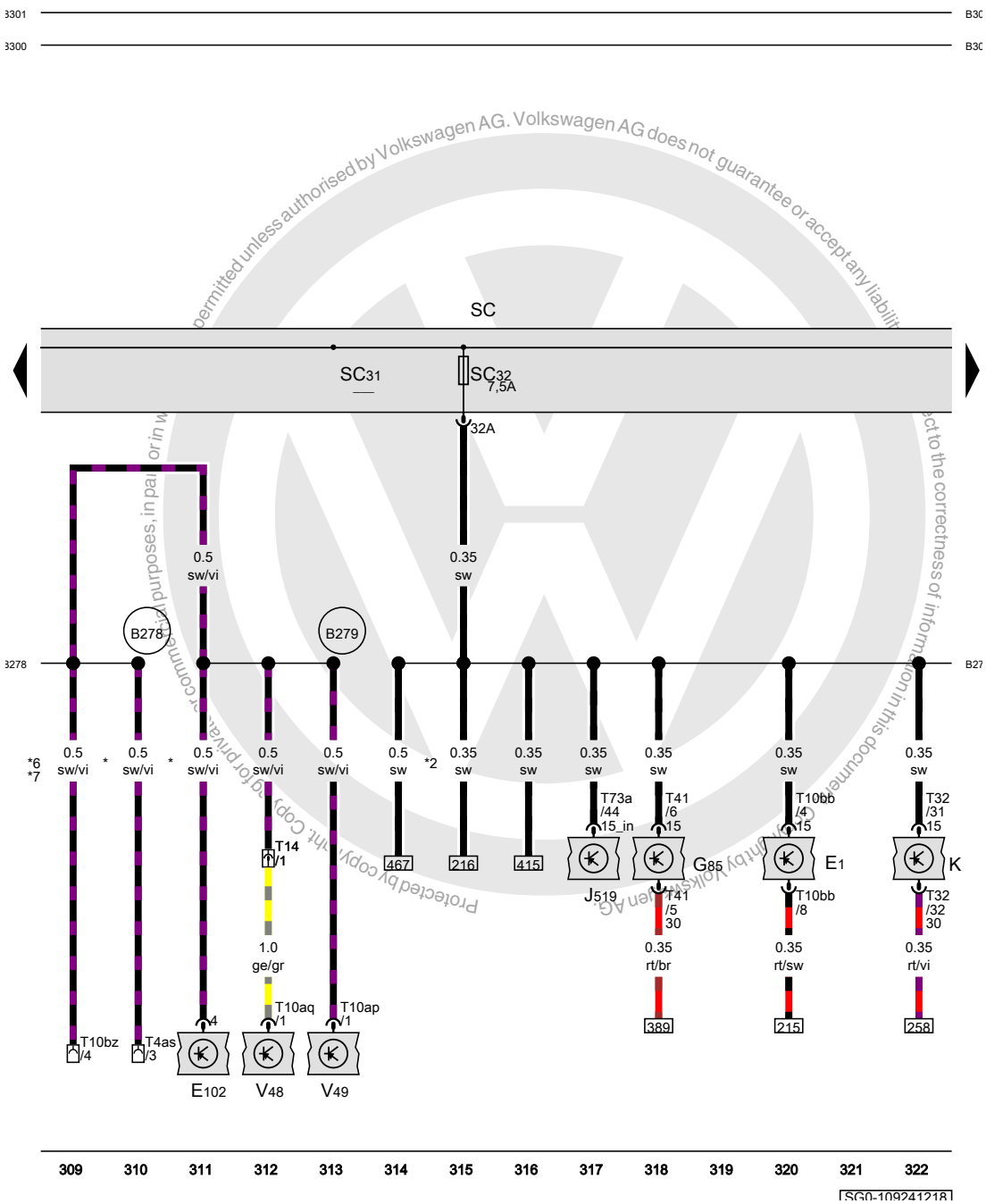

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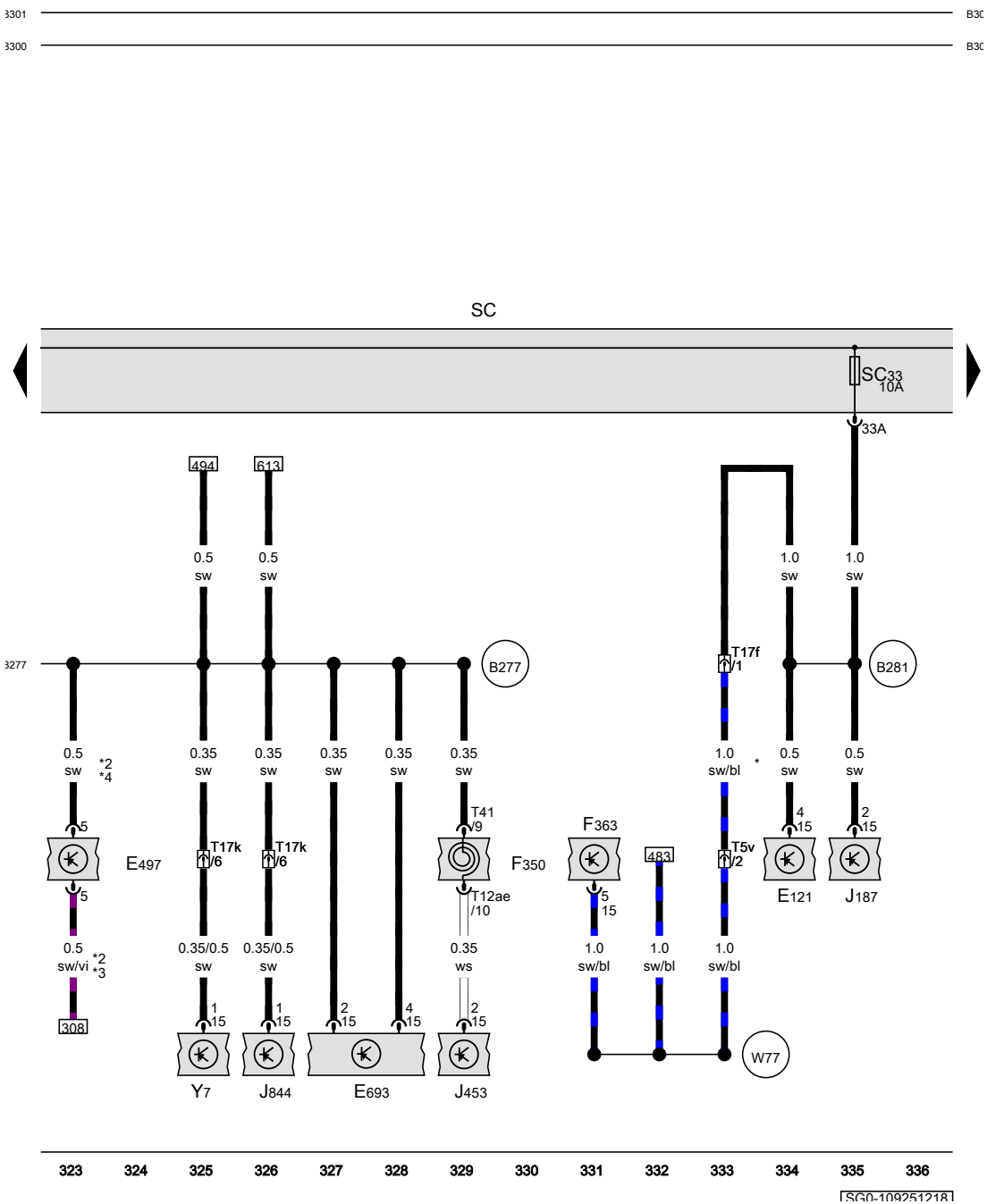
Light switch, Headlight range control regulator, Steering angle sender, Onboard supply control unit, Dash panel insert, Fuse holder C, 4-pin connector, Left headlight range control motor, Right headlight range control motor

E1	Light switch
E102	Headlight range control regulator
G85	Steering angle sender
J519	Onboard supply control unit
K	Dash panel insert
SC	Fuse holder C
SC31	Fuse 31 on fuse holder C
SC32	Fuse 32 on fuse holder C
T4as	4-pin connector, black
T10ap	10-pin connector, black
T10aq	10-pin connector, black
T10bb	10-pin connector, black
T10bz	10-pin connector, green, under seat on front right
T14	14-pin connector, black, on horn
T32	32-pin connector, blue
T41	41-pin connector, grey
T73a	73-pin connector, black
V48	Left headlight range control motor
V49	Right headlight range control motor
B277	Positive connection 1 (15a) in main wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
*	For models with special police equipment
*2	For models with no special police equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Rear differential lock switch, Accident data recorder button, Start/Stop operation button, Coil connector, Vacuum switch for rear differential lock, Differential lock control unit, Multifunction steering wheel control unit, Main beam assist control unit, Fuse holder C, Automatic anti-dazzle interior mirror

E121	Rear differential lock switch
E497	Accident data recorder button
E693	Start/Stop operation button
F350	Coil connector, in steering wheel
F363	Vacuum switch for rear differential lock
J187	Differential lock control unit
J453	Multifunction steering wheel control unit
J844	Main beam assist control unit
SC	Fuse holder C
SC33	Fuse 33 on fuse holder C
T5v	5-pin connector, black
T12ae	12-pin connector, yellow
T17f	17-pin connector, brown, under seat on front left
T17k	17-pin connector, green, in left A-pillar coupling station
T41	41-pin connector, grey
Y7	Automatic anti-dazzle interior mirror
B277	Positive connection 1 (15a) in main wiring harness
B281	Positive connection 5 (15a) in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
W77	Positive connection 1 (15) in all-wheel drive wiring harness
*	see applicable current flow diagram
*2	For models with accident data recorder
*3	For models with special police equipment
*4	For models with no special police equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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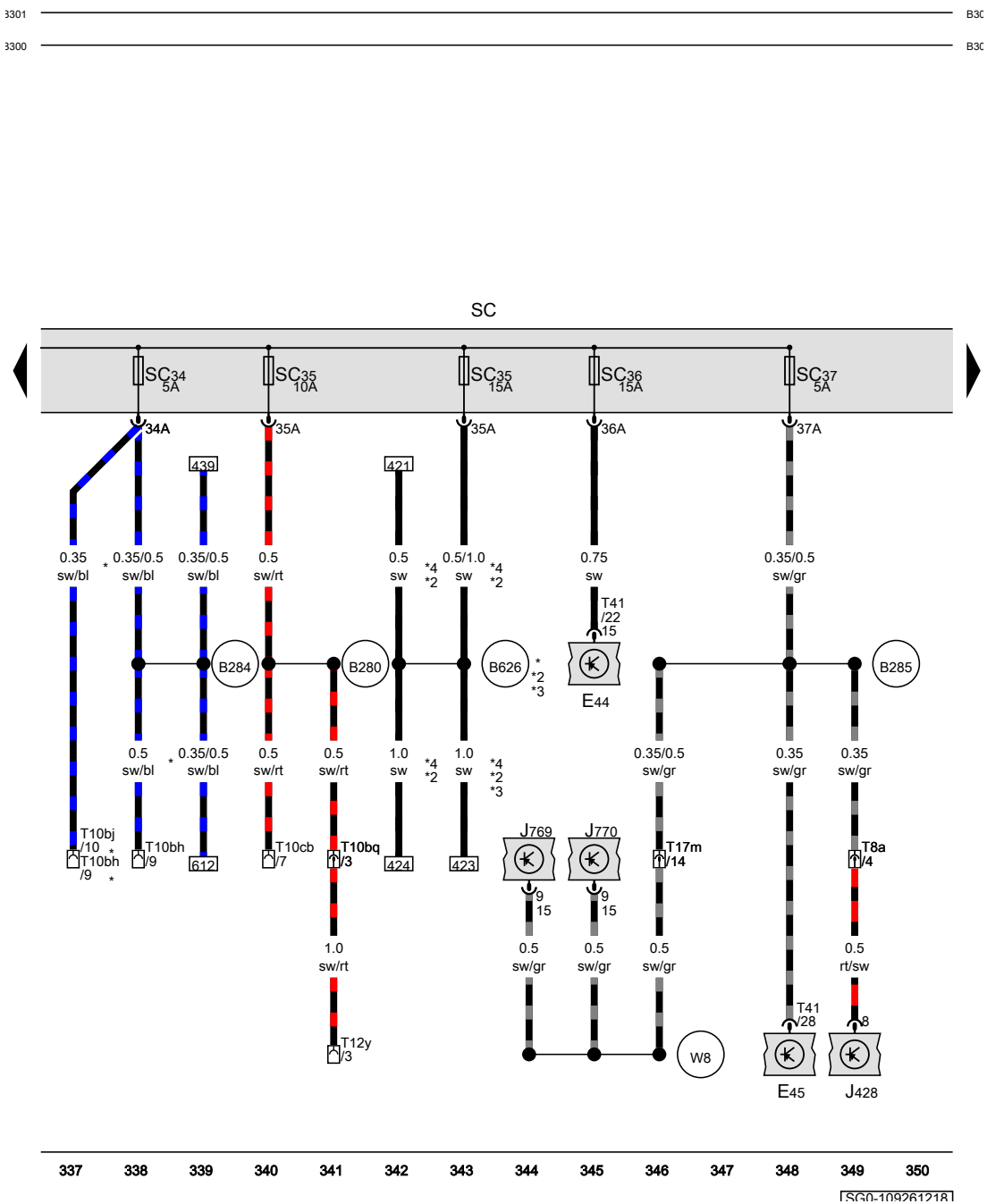

Washer pump switch (automatic wash/wipe and headlight washer system), Cruise control system switch, Adaptive cruise control unit, Lane change assist control unit, Fuse holder C

E44	Washer pump switch (automatic wash/wipe and headlight washer system)
E45	Cruise control system switch
J428	Adaptive cruise control unit
J769	Lane change assist control unit
J770	Lane change assist control unit 2
SC	Fuse holder C
SC34	Fuse 34 on fuse holder C
SC35	Fuse 35 on fuse holder C
SC36	Fuse 36 on fuse holder C
SC37	Fuse 37 on fuse holder C
T8a	8-pin connector, black, on horn
T10bh	10-pin connector, purple, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T10bq	10-pin connector, orange, under driver seat
T10cb	10-pin connector, black
T12y	12-pin connector, black
T17m	17-pin connector, red, on left A-pillar
T41	41-pin connector, grey
B280	Positive connection 4 (15a) in main wiring harness
B284	Positive connection 8 (15a) in main wiring harness
B285	Positive connection 9 (15a) in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B626	Positive connection 2 (15), in main wiring harness
W8	Connection (15a), in rear wiring harness
*	According to equipment
*2	see applicable current flow diagram
*3	Up to November 2016
*4	For models with taxi equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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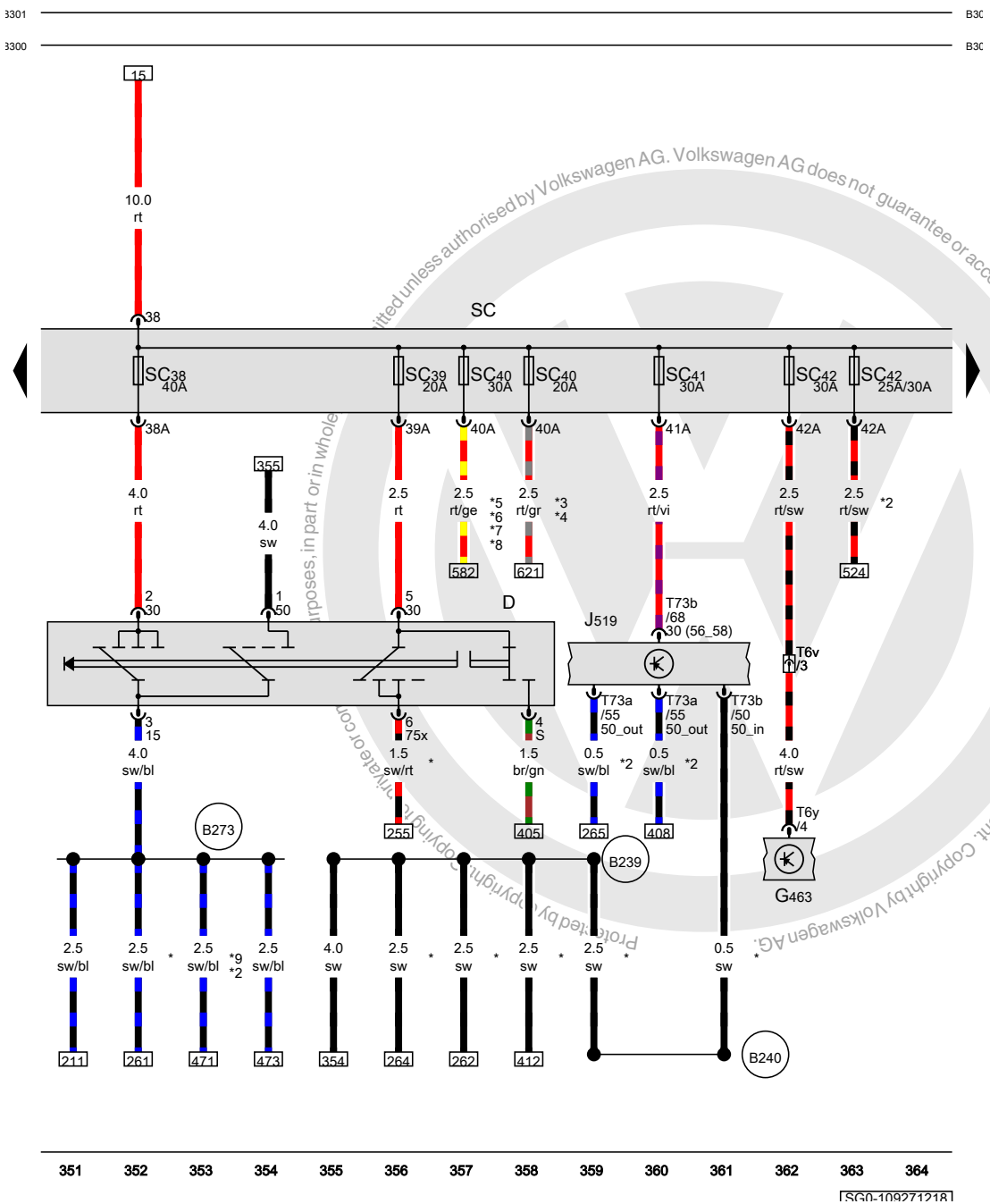

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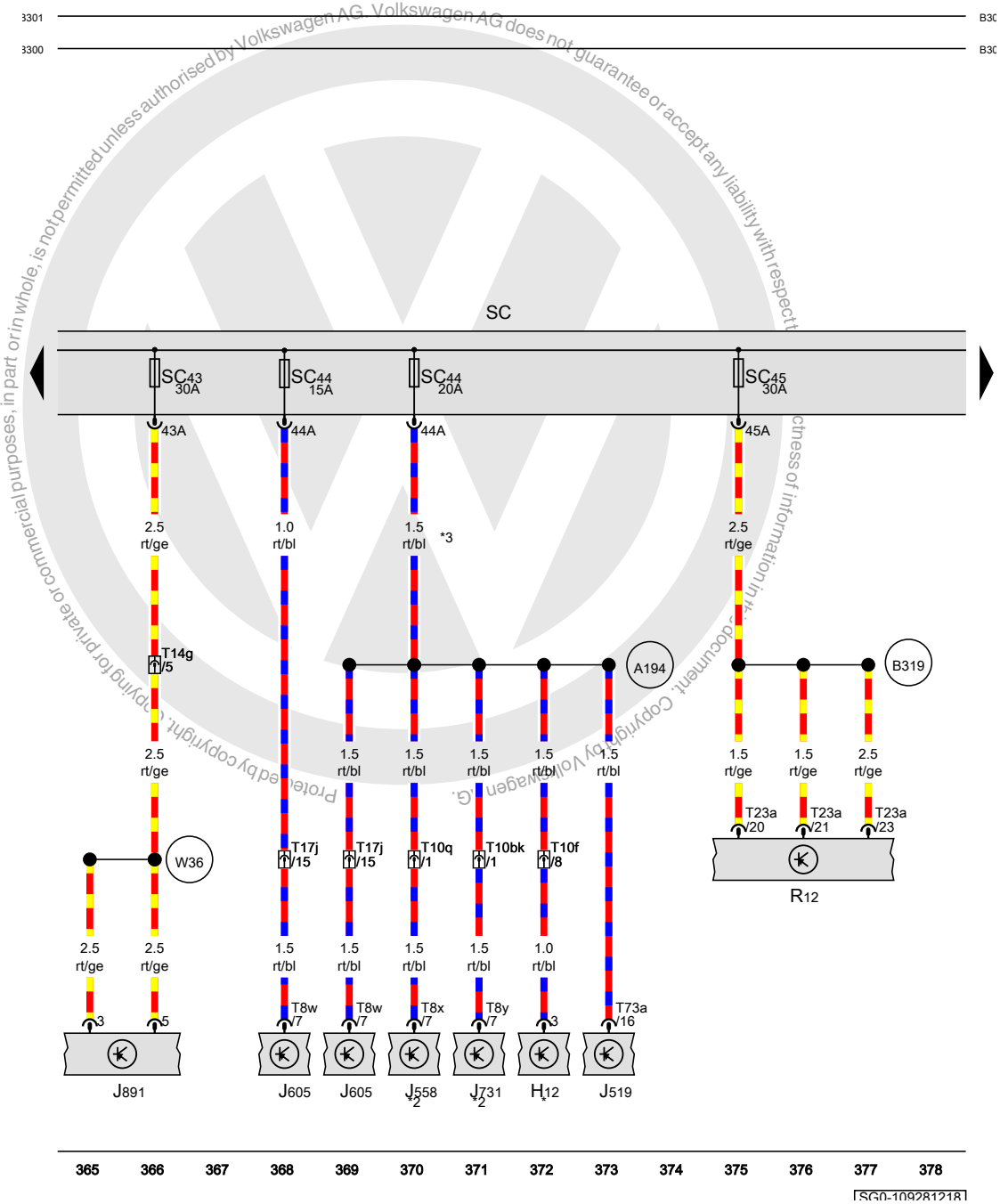
Ignition/starter switch, Rear blower regulation sender, Onboard supply control unit, Fuse holder C

D	Ignition/starter switch
G463	Rear blower regulation sender
J519	Onboard supply control unit
SC	Fuse holder C
SC38	Fuse 38 on fuse holder C
SC39	Fuse 39 on fuse holder C
SC40	Fuse 40 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC42	Fuse 42 on fuse holder C
T6v	6-pin connector, white, under seat on front right
T6y	6-pin connector, brown
T73a	73-pin connector, black
T73b	73-pin connector, white
B239	Positive connection 1 (50), in interior wiring harness
B240	Positive connection 2 (50), in interior wiring harness
B273	Positive connection (15), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
*	see applicable current flow diagram for engine
*2	According to equipment
*3	For models with no second battery
*4	Up to November 2017
*5	For models with auxiliary coolant heater
*6	For models with no Climatronic
*7	For models with start/stop system
*8	From November 2017
*9	For models with special police equipment



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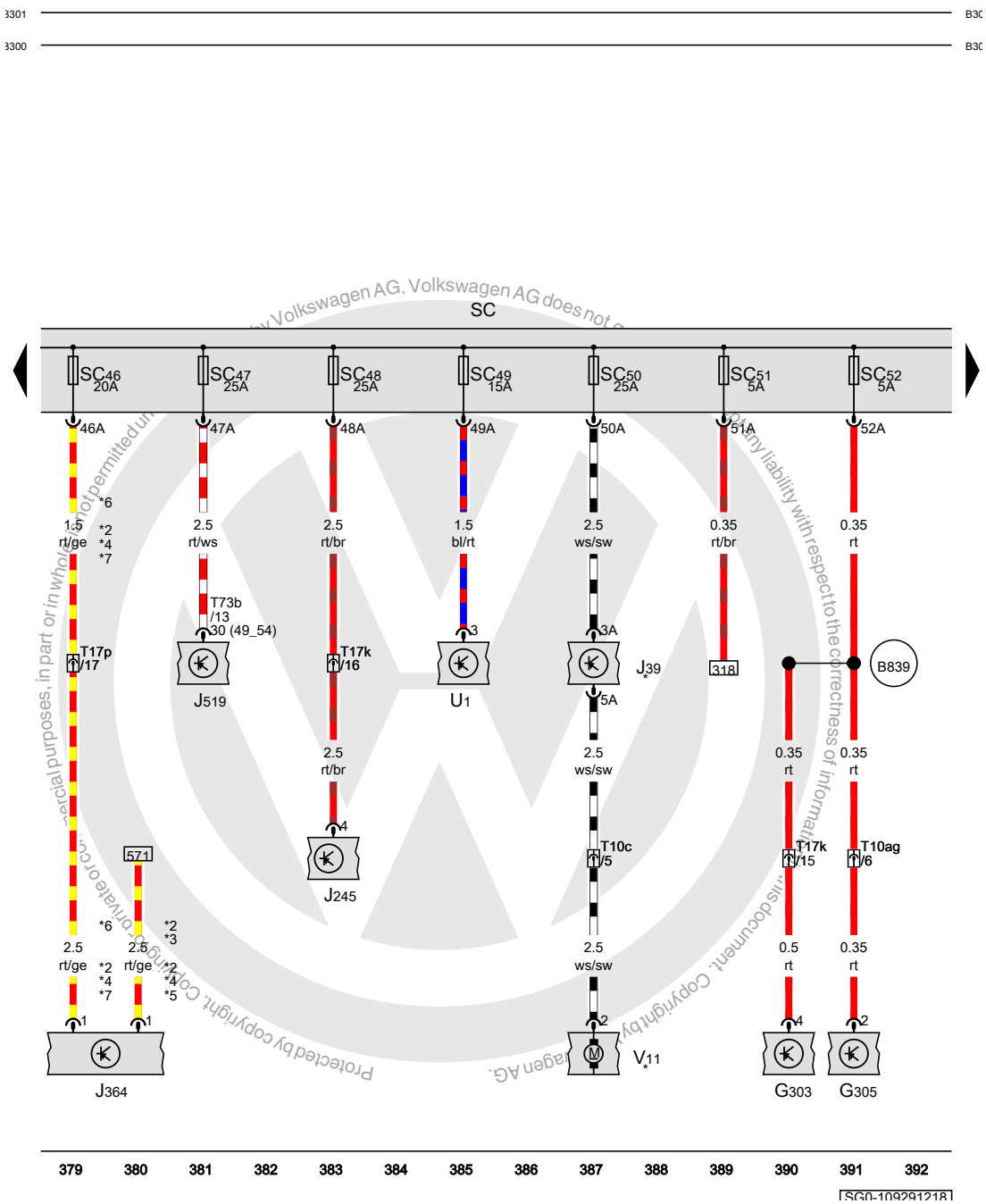
or	=	orange
rs	=	pink

Alarm horn, Left sliding door control unit, Rear lid control unit, Right sliding door control unit, Control unit for reducing agent heater, Amplifier, Fuse holder C

H12	Alarm horn
J519	Onboard supply control unit
J558	Left sliding door control unit
J605	Rear lid control unit
J731	Right sliding door control unit
J891	Control unit for reducing agent heater
R12	Amplifier, under front passenger seat
SC	Fuse holder C
SC43	Fuse 43 on fuse holder C
SC44	Fuse 44 on fuse holder C
SC45	Fuse 45 on fuse holder C
T8w	8-pin connector, black
T8x	8-pin connector, black
T8y	8-pin connector, black
T10bk	10-pin connector, grey, under seat on front right
T10f	10-pin connector, green, in E-box
T10q	10-pin connector, green, under seat on front left
T14g	14-pin connector, black, near container for additive
T17j	17-pin connector, white, under seat on front left
T23a	23-pin connector, green
T73a	73-pin connector, black
A194	Connection (convenience system) in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B319	Positive connection 5 (30a) in main wiring harness
W36	Positive connection (30a), in floor wiring harness
*	For models with anti-theft alarm system
*2	For models with no electric sliding doors
*3	For models with central locking



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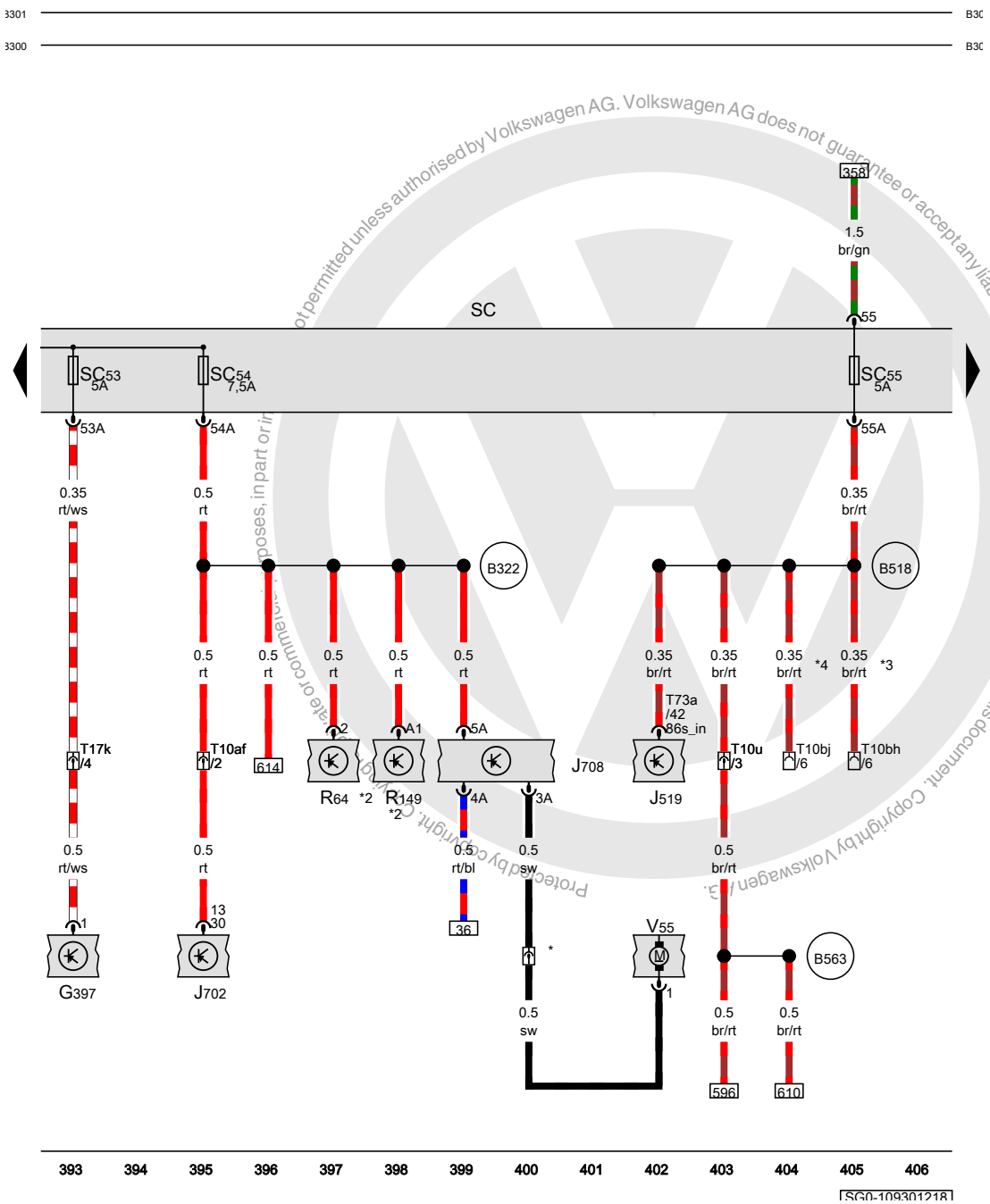
Interior monitor send and receive module 1, Interior monitor send and receive module 2, Headlight washer system relay, Sliding sunroof adjustment control unit, Auxiliary heater control unit, Onboard supply control unit, Fuse holder C, Cigarette lighter, Headlight washer system pump

G303	Interior monitor send and receive module 1, near front interior light
G305	Interior monitor send and receive module 2, on rear roof module
J39	Headlight washer system relay
J245	Sliding sunroof adjustment control unit
J364	Auxiliary heater control unit
J519	Onboard supply control unit
SC	Fuse holder C
SC46	Fuse 46 on fuse holder C
SC47	Fuse 47 on fuse holder C
SC48	Fuse 48 on fuse holder C
SC49	Fuse 49 on fuse holder C
SC50	Fuse 50 on fuse holder C
SC51	Fuse 51 on fuse holder C
SC52	Fuse 52 on fuse holder C
T10ag	10-pin connector, brown, in left A-pillar coupling station
T10c	10-pin connector, yellow, in E-box
T17k	17-pin connector, green, in left A-pillar coupling station
T17p	17-pin connector, red, under seat on front left
T73b	73-pin connector, white
U1	Cigarette lighter
V11	Headlight washer system pump
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B839	Positive connection 20 (30), in main wiring harness
*	For models with headlight washer system
*2	Only models with auxiliary coolant heater
*3	Up to November 2017
*4	From November 2017
*5	For models with no start/stop system
*6	For models with auxiliary coolant heater (supplementary heater)
*7	For models with start/stop system



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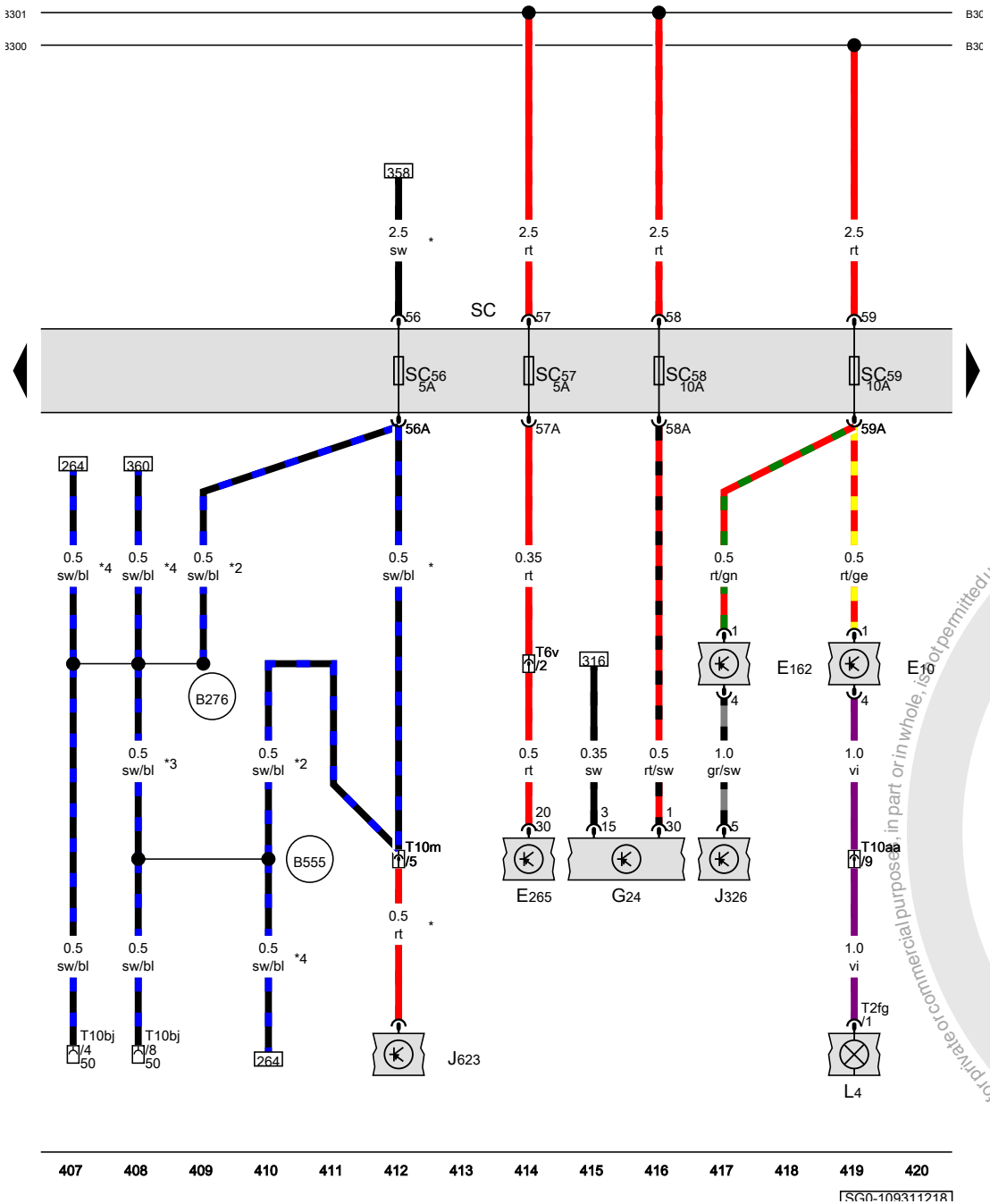
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Rain and light sensor, Onboard supply control unit, Roof display unit, Residual heat relay, Remote control receiver for auxiliary heater, Remote control receiver for auxiliary coolant heater, Fuse holder C, 10-pin connector, Circulation pump

G397	Rain and light sensor
J519	Onboard supply control unit
J702	Roof display unit
J708	Residual heat relay
R64	Remote control receiver for auxiliary heater
R149	Remote control receiver for auxiliary coolant heater
SC	Fuse holder C
SC53	Fuse 53 on fuse holder C
SC54	Fuse 54 on fuse holder C
SC55	Fuse 55 on fuse holder C
T10af	10-pin connector, blue, in left A-pillar coupling station
T10bh	10-pin connector, purple, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T10u	10-pin connector, blue, under seat on front left
T17k	17-pin connector, green, in left A-pillar coupling station
T17p	17-pin connector, red, under seat on front left
T73a	73-pin connector, black
V55	Circulation pump
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B322	Positive connection 8 (30a) in main wiring harness
B518	Connection (86s), in main wiring harness
B563	Positive connection 3, in Camper wiring harness
*	see applicable current flow diagram for auxiliary coolant heater
*2	For models with remote control receiver for auxiliary heater
*3	For models with electric interface for external use
*4	For models with special police equipment



Red Cross light switch, Rotating light switch, Operating and display unit for rear air conditioning system, Tachograph, Rotating light relay, Red Cross light bulb, Fuse holder C

E10	Red Cross light switch
E162	Rotating light switch
E265	Operating and display unit for rear air conditioning system
G24	Tachograph
J326	Rotating light relay
J623	Engine/motor control unit
L4	Red Cross light bulb
SC	Fuse holder C
SC56	Fuse 56 on fuse holder C
SC57	Fuse 57 on fuse holder C
SC58	Fuse 58 on fuse holder C
SC59	Fuse 59 on fuse holder C
T2fg	2-pin connector, black, under roof trim, middle, front
T6v	6-pin connector, white, under seat on front right
T10aa	10-pin connector, dark brown, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T10m	10-pin connector, light pink, in E-box
B276	Positive connection (50), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B555	Positive connection 2 (50), in main wiring harness
*	see applicable current flow diagram for engine
*2	For models with electric interface for external use
*3	Wire could be cut by special vehicle manufacturer
*4	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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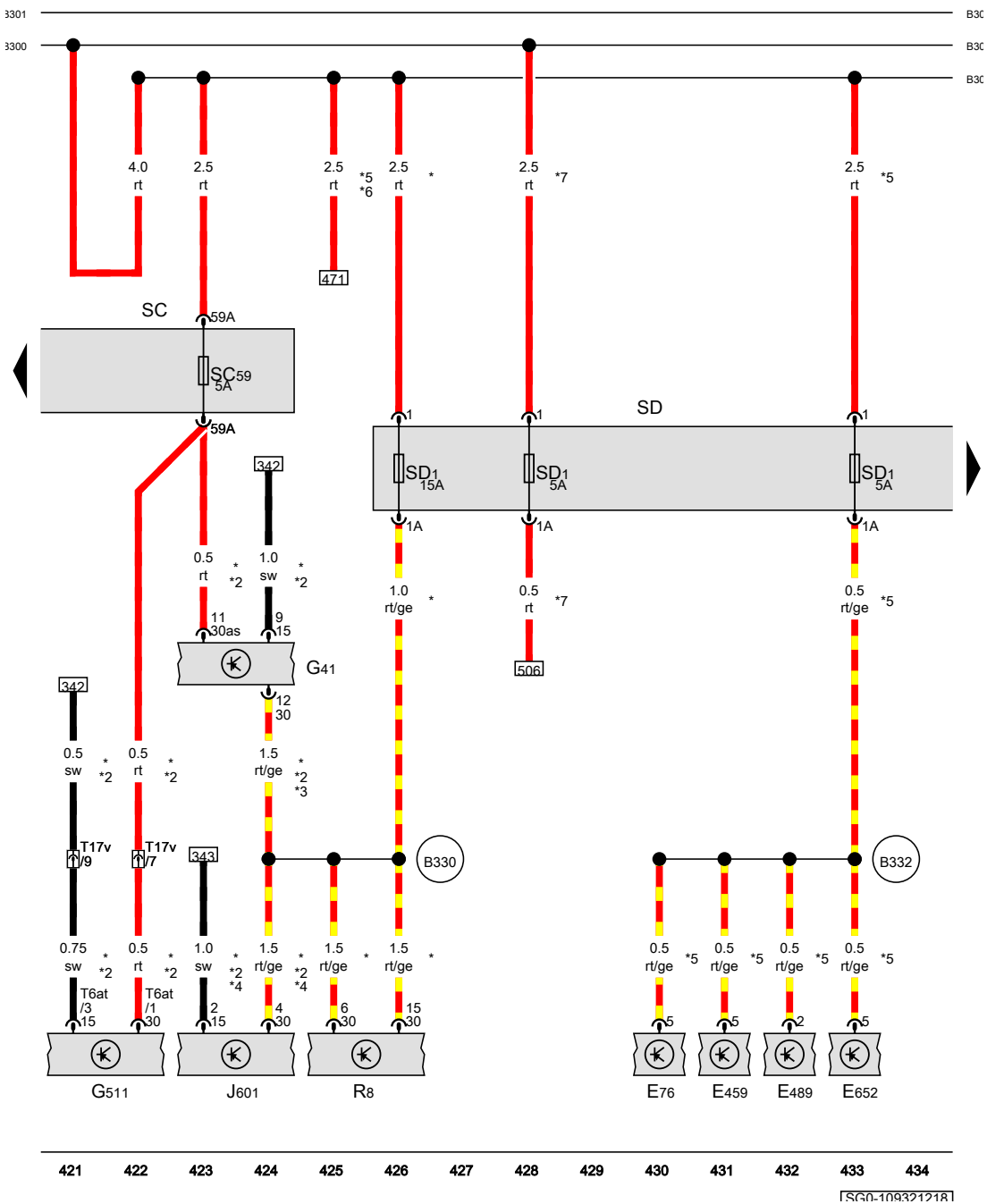

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ge	=	yellow
or	=	orange
rs	=	pink

Two-way radio button, Front interior light (door contact) button, Ignition bypass button, Button for daytime running light switch-off, Taximeter, Mirror taximeter, Taxi alarm remote control, control unit, Two-way radio, Fuse holder C, Fuse holder D

E76	Two-way radio button
E459	Front interior light (door contact) button
E489	Ignition bypass button
E652	Button for daytime running light switch-off
G41	Taximeter
G511	Mirror taximeter
J601	Taxi alarm remote control, control unit
R8	Two-way radio
SC	Fuse holder C
SC59	Fuse 59 on fuse holder C
SD	Fuse holder D
SD1	Fuse 1 on fuse holder D
T6at	6-pin connector, blue
T17v	17-pin connector, grey, on left A-pillar
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
B330	Positive connection 16 (30a) in main wiring harness
B332	Positive connection 18 (30a) in main wiring harness
*	For models with taxi equipment
*2	see applicable current flow diagram
*3	Up to November 2017
*4	Up to November 2016
*5	For models with special police equipment
*6	According to equipment
*7	For right-hand drive models

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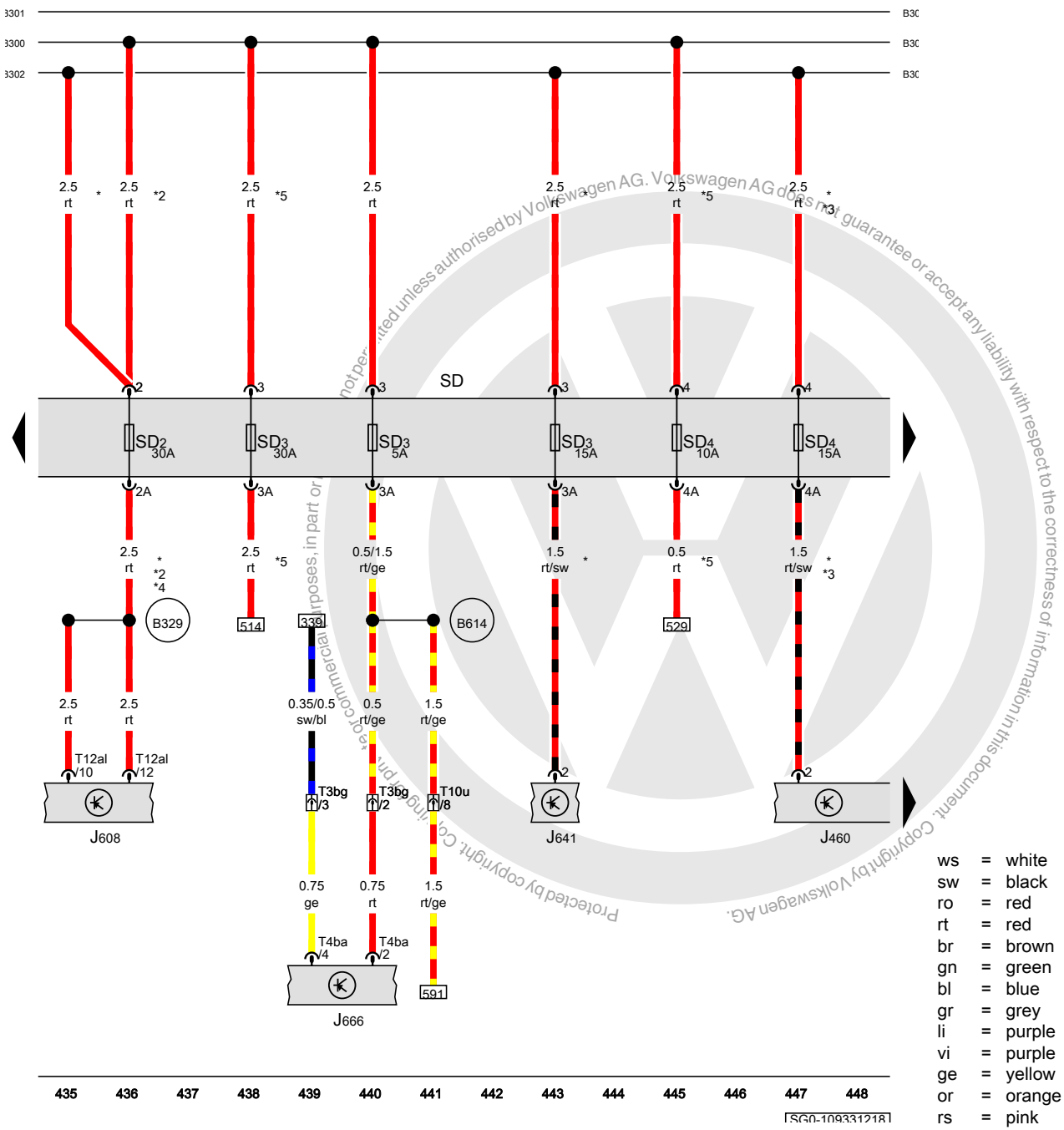

Alarm system relay 1, Special vehicle control unit, Alarm horn relay, Internet access control unit, Fuse holder D

J460	Alarm system relay 1
J608	Special vehicle control unit
J641	Alarm horn relay
J666	Internet access control unit
SD	Fuse holder D
SD2	Fuse 2 on fuse holder D
SD3	Fuse 3 on fuse holder D
SD4	Fuse 4 on fuse holder D
T3bg	3-pin connector, black, behind glove compartment
T4ba	4-pin connector, black, in glove compartment
T10u	10-pin connector, blue, under seat on front left
T12al	12-pin connector, black, under front passenger seat
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
B329	Positive connection 15 (30a) in main wiring harness
B614	Positive connection 23 (30a) in main wiring harness
*	For models with taxi equipment
*2	For models with special vehicle control unit
*3	For models with special police equipment
*4	For models with no special police equipment
*5	For right-hand drive models

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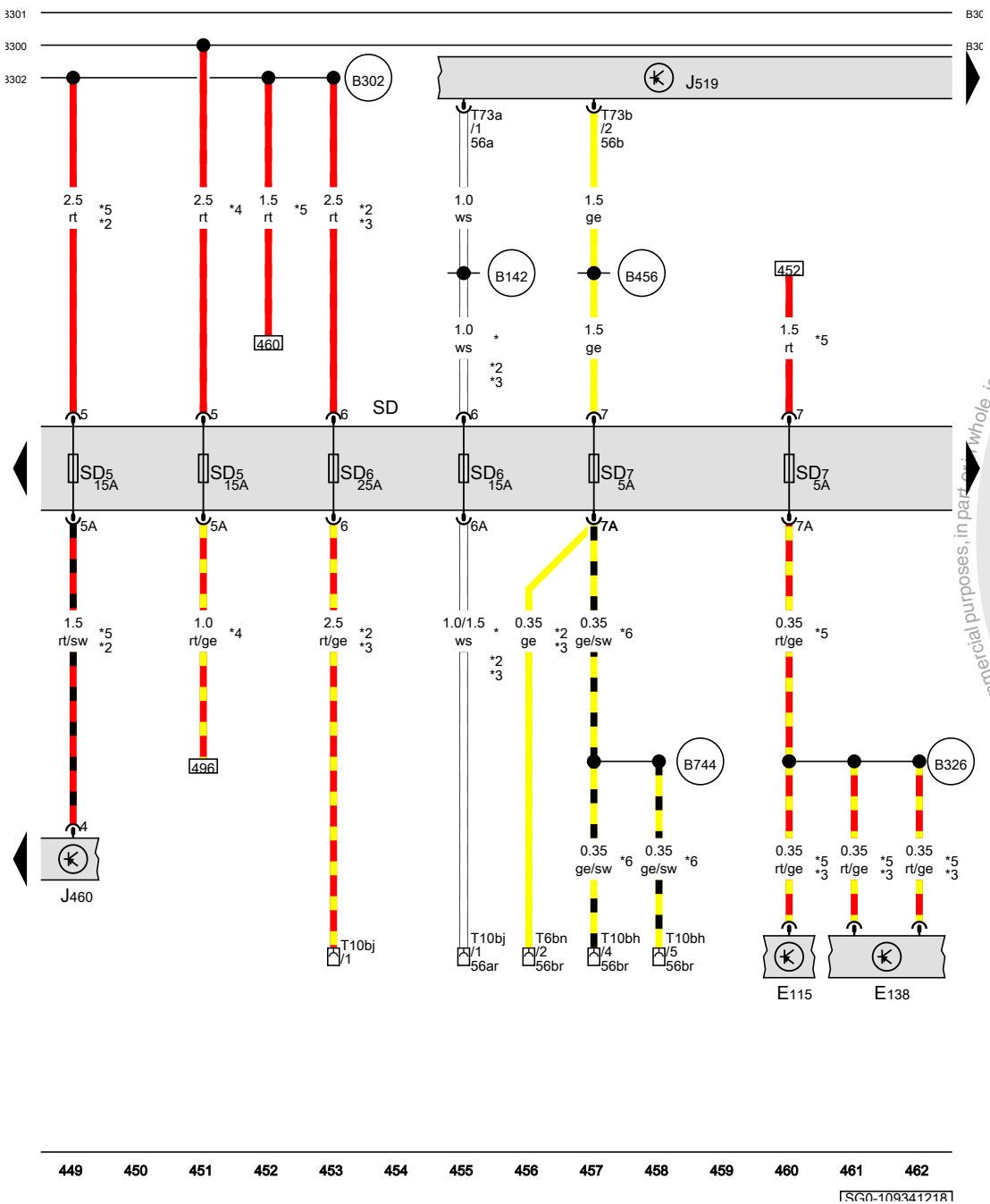

Interior light switch (taxi), Taxi sign switch, Alarm system relay 1, Onboard supply control unit, Fuse holder D, 6-pin connector

E115	Interior light switch (taxi)
E138	Taxi sign switch
J460	Alarm system relay 1
J519	Onboard supply control unit
SD	Fuse holder D
SD5	Fuse 5 on fuse holder D
SD6	Fuse 6 on fuse holder D
SD7	Fuse 7 on fuse holder D
T6bn	6-pin connector, grey, under seat on front left
T10bh	10-pin connector, purple, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
B142	Positive connection 2 (56a), in interior wiring harness
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
B326	Positive connection 12 (30a) in main wiring harness
B456	Connection (56b), in main wiring harness
B744	Connection 3 (56b), in main wiring harness
*	For models with no special police equipment
*2	For models with special police equipment
*3	see applicable current flow diagram
*4	For right-hand drive models
*5	For models with taxi equipment
*6	For models with electric interface for external use

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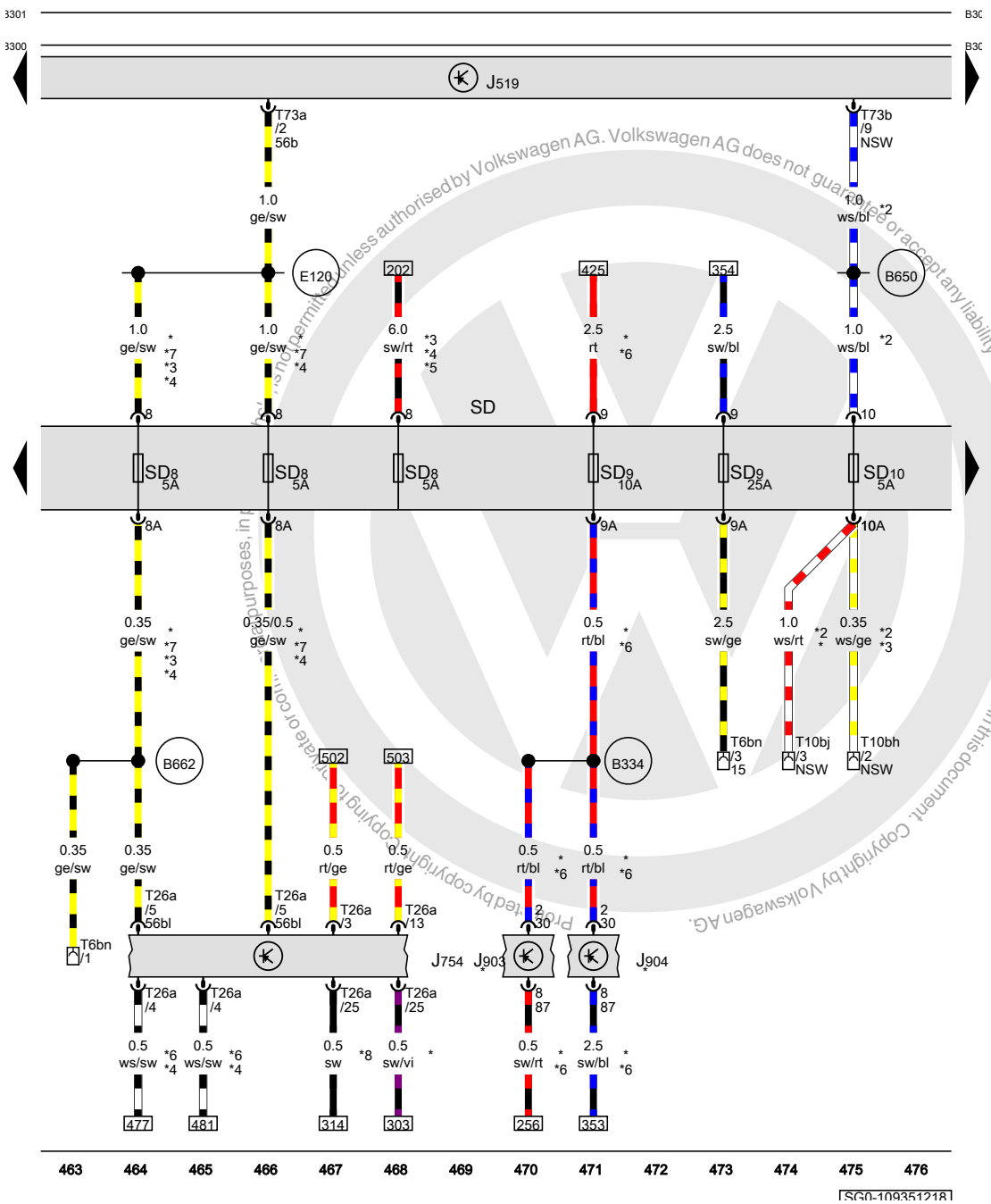

Onboard supply control unit, Accident data memory, Relay 1 for ignition bypass, Relay 2 for ignition bypass, Fuse holder D

J519	Onboard supply control unit
J754	Accident data memory, under front passenger seat
J903	Relay 1 for ignition bypass
J904	Relay 2 for ignition bypass
SD	Fuse holder D
SD8	Fuse 8 on fuse holder D
SD9	Fuse 9 on fuse holder D
SD10	Fuse 10 on fuse holder D
T6bn	6-pin connector, grey, under seat on front left
T10bh	10-pin connector, purple, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T26a	26-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B334	Positive connection 20 (30a) in main wiring harness
B650	Connection 8, in interior wiring harness
B662	Connection 2 (56b), in main wiring harness
E120	Connection (56b, left), in dash panel wiring harness
*	For models with special police equipment
*2	For models with fog lights
*3	For models with electric interface for external use
*4	see applicable current flow diagram
*5	Up to November 2016
*6	According to equipment
*7	For models with accident data recorder
*8	For models with no special police equipment

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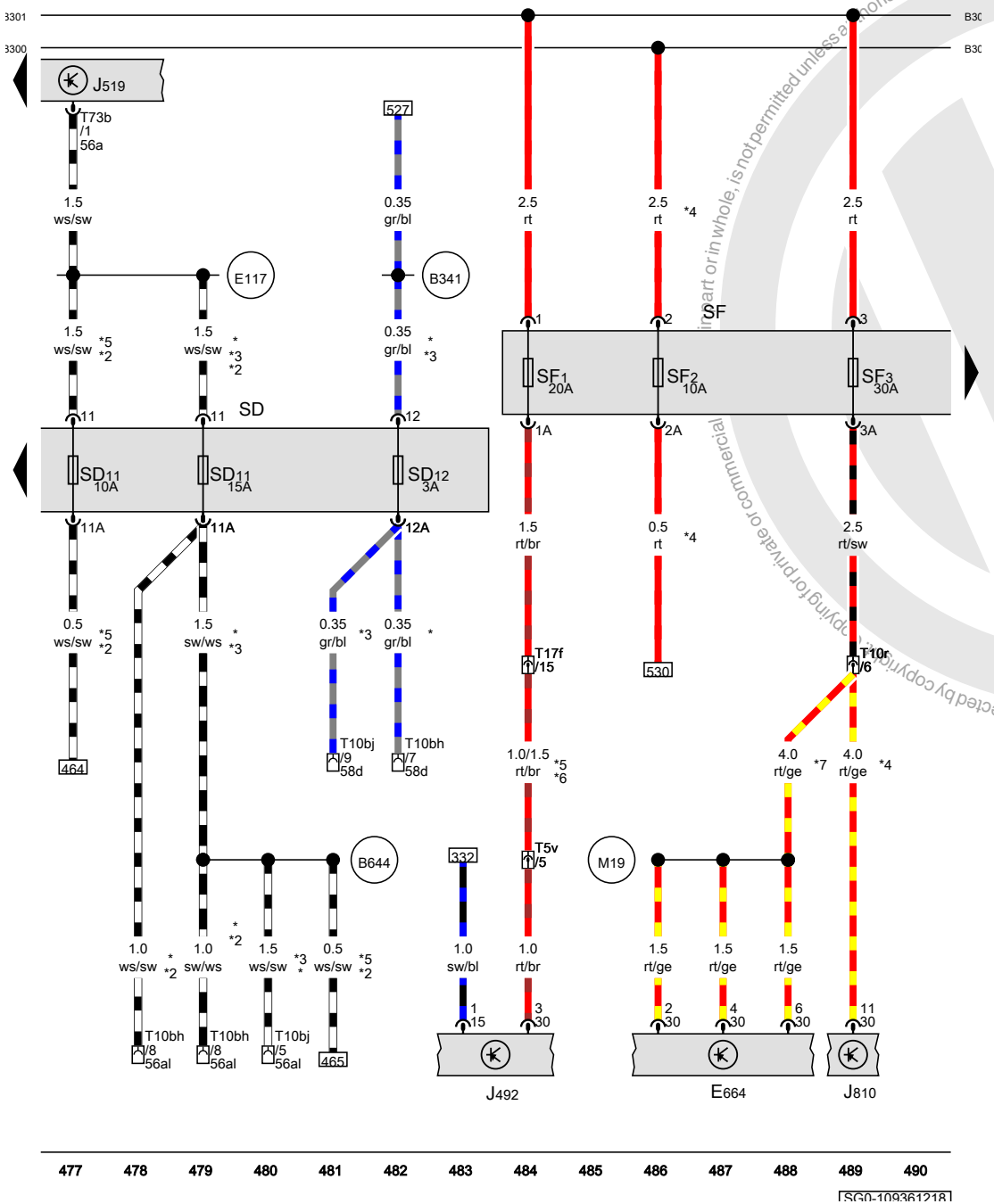

Switch module for front passenger seat, All-wheel drive control unit, Onboard supply control unit, Driver seat adjustment control unit, Fuse holder D, Fuse holder F

E664	Switch module for front passenger seat
J492	All-wheel drive control unit
J519	Onboard supply control unit
J810	Driver seat adjustment control unit
SD	Fuse holder D
SD11	Fuse 11 on fuse holder D
SD12	Fuse 12 on fuse holder D
SF	Fuse holder F
SF1	Fuse 1 in fuse holder F
SF2	Fuse 2 in fuse holder F
SF3	Fuse 3 in fuse holder F
T5v	5-pin connector, black
T10bh	10-pin connector, purple, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T10r	10-pin connector, black, under seat on front left
T17f	17-pin connector, brown, under seat on front left
T73b	73-pin connector, white
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B644	Connection 3 (56a), in main wiring harness
E117	Connection (56a, left), in dash panel wiring harness
M19	Connection 2, in front passenger seat adjustment wiring harness
*	For models with electric interface for external use
*2	see applicable current flow diagram
*3	For models with special police equipment
*4	For left-hand drive models
*5	According to equipment
*6	see applicable current flow diagram for all-wheel drive
*7	For right-hand drive models

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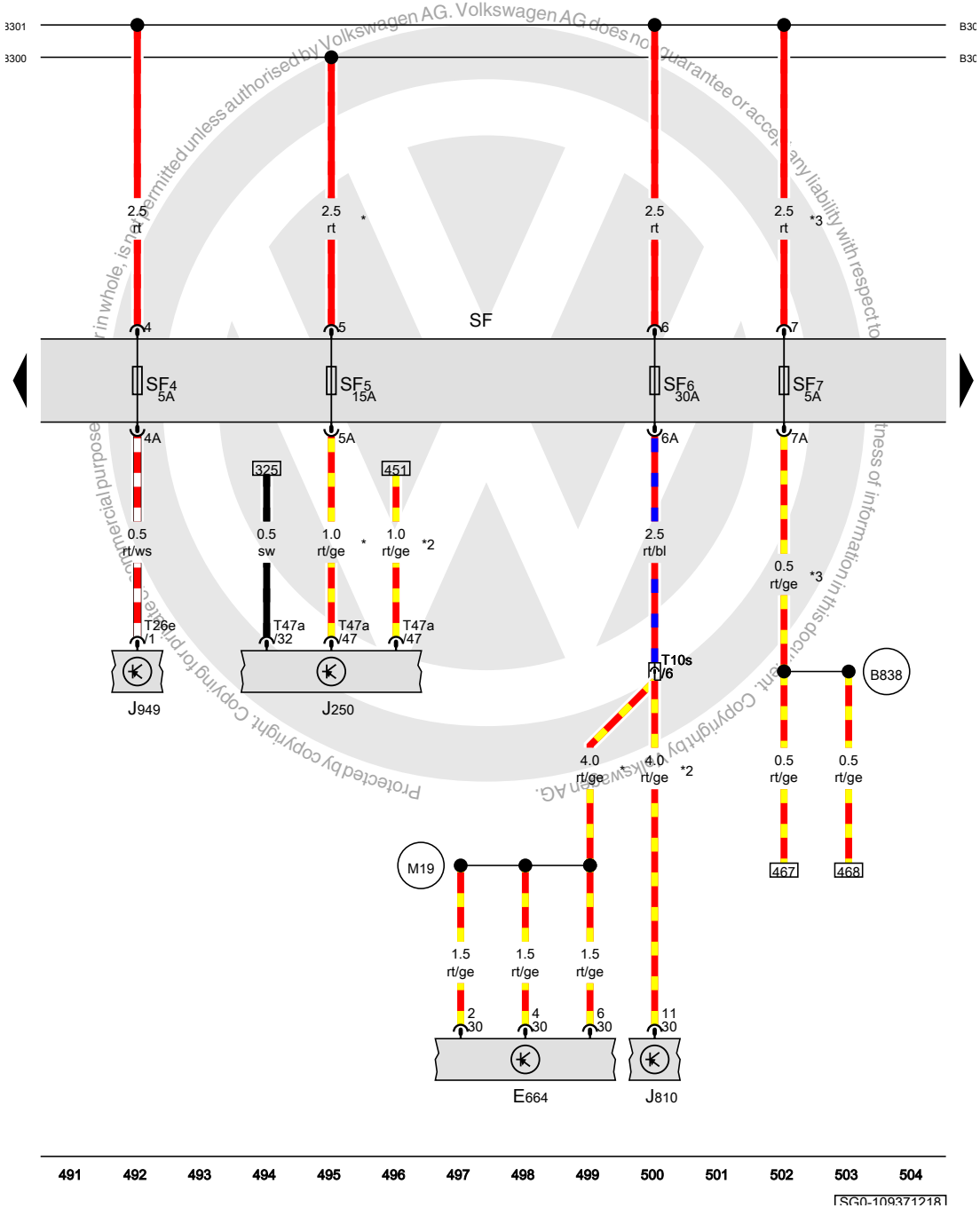

Switch module for front passenger seat, Electronically controlled damping control unit, Driver seat adjustment control unit, Emergency call module control unit and communication unit, Fuse holder F

E664	Switch module for front passenger seat
J250	Electronically controlled damping control unit
J810	Driver seat adjustment control unit
J949	Emergency call module control unit and communication unit
SF	Fuse holder F
SF4	Fuse 4 in fuse holder F
SF5	Fuse 5 in fuse holder F
SF6	Fuse 6 in fuse holder F
SF7	Fuse 7 in fuse holder F
T10s	10-pin connector, black, under seat on front right
T26e	26-pin connector, black
T47a	47-pin connector, black
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B838	Positive connection 19 (30), in main wiring harness
M19	Connection 2, in front passenger seat adjustment wiring harness
*	For left-hand drive models
*2	For right-hand drive models
*3	For models with no special police equipment

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rt	=	red
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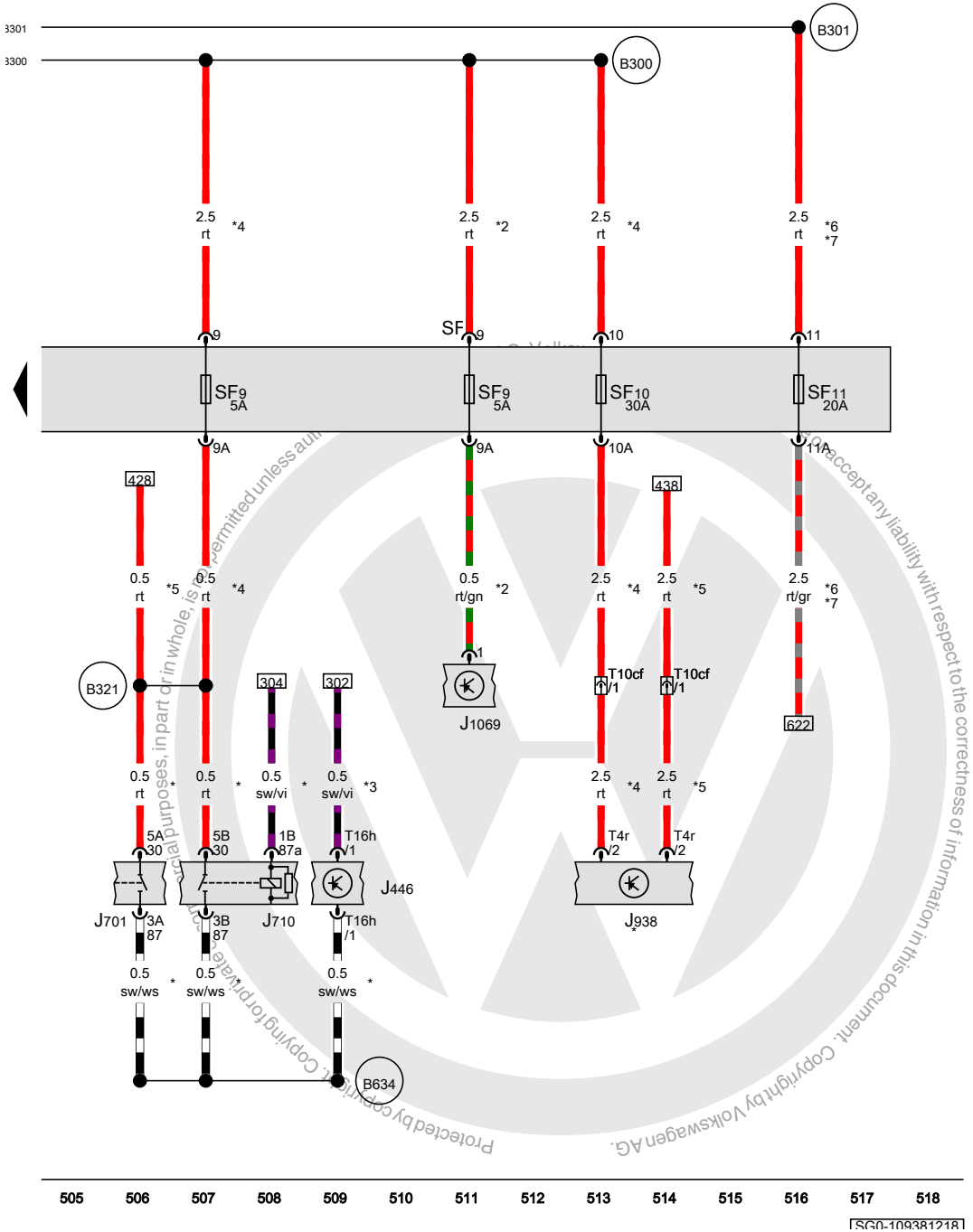

Parking aid control unit, Voltage supply relay 1, Voltage supply relay 2, Rear lid power opening control unit, Diagnosis wire relay, Fuse holder F

J446	Parking aid control unit
J701	Voltage supply relay 1
J710	Voltage supply relay 2
J938	Rear lid power opening control unit
J1069	Diagnosis wire relay
SF	Fuse holder F
SF9	Fuse 9 in fuse holder F
SF10	Fuse 10 in fuse holder F
SF11	Fuse 11 in fuse holder F
T4r	4-pin connector, black
T10cf	10-pin connector, green, under seat on front right
T16h	16-pin connector, brown
B300	Positive connection 4 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B321	Positive connection 7 (30a) in main wiring harness
B634	Positive connection 2 (87), in main wiring harness
*	For models with electric rear lid opener
*2	For models with wing doors
*3	For models with no electric rear lid opener
*4	For left-hand drive models
*5	For right-hand drive models
*6	For models with no second battery
*7	From November 2017

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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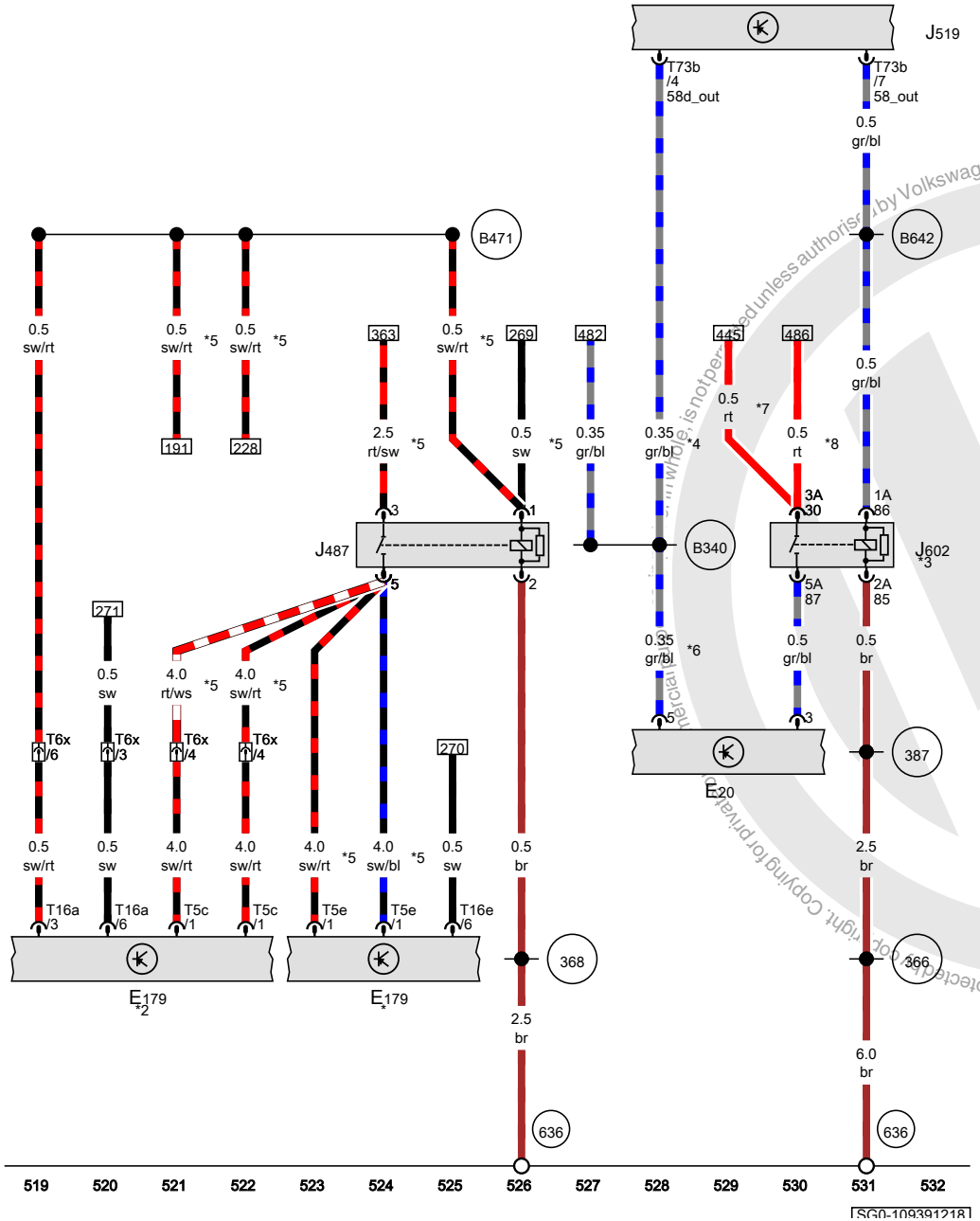
Switch and instrument illumination regulator, Fresh air blower isolation relay, Onboard supply control unit



E20	Switch and instrument illumination regulator
E179	Rear fresh air blower switch, in dash panel
J487	Fresh air blower isolation relay
J519	Onboard supply control unit
J602	Interior light relay
T5c	5-pin connector, black
T5e	5-pin connector, black
T6x	6-pin connector, purple, under seat on front right
T16a	16-pin connector, black
T16e	16-pin connector, black
T73b	73-pin connector, white
366	Earth connection 1, in main wiring harness
368	Earth connection 3, in main wiring harness
387	Earth connection 22, in main wiring harness
636	Earth point, onboard supply control unit
B340	Connection 1 (58d), in main wiring harness
B471	Connection 7, in main wiring harness
B642	Positive connection (58), in main wiring harness
*	Dash panel - centre
*2	For Camper, panel van and Kombi models with separate passenger compartment ventilation
*3	For models with background lighting, version 2
*4	For models with no dimmable instrument illumination
*5	According to equipment
*6	For models with dimmable instrument illumination
*7	For right-hand drive models
*8	For left-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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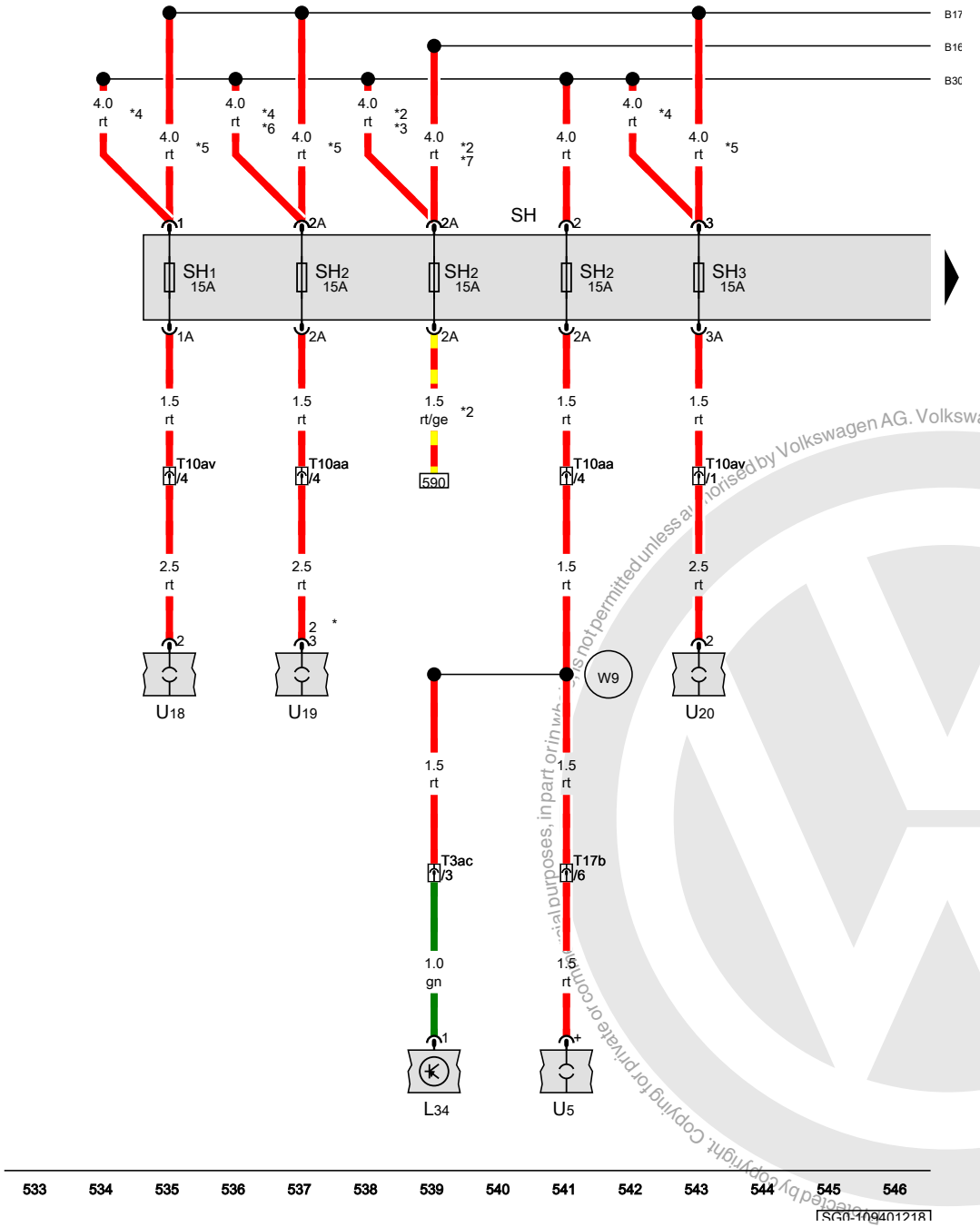

Map reading light bulb, Fuse holder H, 12 V socket

L34	Map reading light bulb
SH	Fuse holder H
SH1	Fuse 1 in fuse holder H
SH2	Fuse 2 in fuse holder H
SH3	Fuse 3 in fuse holder H
T3ac	3-pin connector, colourless, near map reading lamp
T10aa	10-pin connector, dark brown, under seat on front left
T10av	10-pin connector, brown, under seat on front right
T17b	17-pin connector, in cupboard, bottom
U5	12 V socket, near sink
U18	12 V socket 2, on right C-pillar
U19	12 V socket 3, on left C-pillar
U20	12 V socket 4, in right D-pillar
B169	Positive connection 1 (30), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B307	Positive connection 11 (30), in main wiring harness
W9	Positive connection 1 (30), in rear wiring harness
*	According to equipment
*2	For Camper Beach
*3	Up to August 2018
*4	For models with second battery
*5	For models with no second battery
*6	see applicable current flow diagram for sockets
*7	From August 2018

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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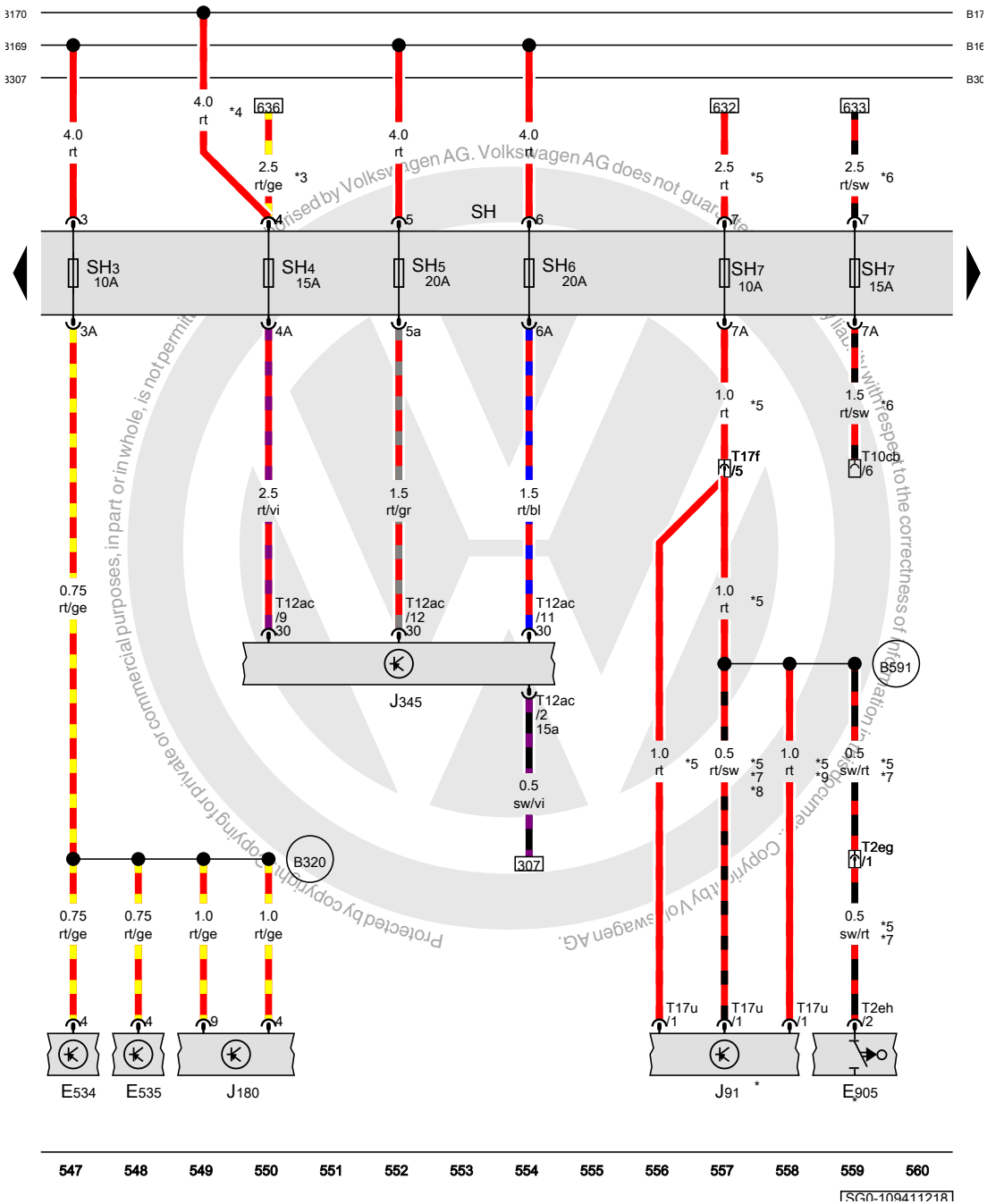

Switch for roof ventilator to ventilate load area, Switch for roof ventilator to extract air from load area, End position button for cupboard light, Reading light relay, Switch-over relay 1 for roof ventilator, Trailer detector control unit, Fuse holder H, 10-pin connector

E534	Switch for roof ventilator to ventilate load area
E535	Switch for roof ventilator to extract air from load area
E905	End position button for cupboard light, rear, top
J91	Reading light relay, near wheel housing, rear, left
J180	Switch-over relay 1 for roof ventilator
J345	Trailer detector control unit
SH	Fuse holder H
SH3	Fuse 3 in fuse holder H
SH4	Fuse 4 in fuse holder H
SH5	Fuse 5 in fuse holder H
SH6	Fuse 6 in fuse holder H
SH7	Fuse 7 in fuse holder H
T2eg	2-pin connector, black, near left D-pillar, top
T2eh	2-pin connector, black
T10cb	10-pin connector, black
T12ac	12-pin connector, red
T17f	17-pin connector, brown, under seat on front left
T17u	17-pin connector, black
B169	Positive connection 1 (30), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B307	Positive connection 11 (30), in main wiring harness
B320	Positive connection 6 (30a) in main wiring harness
B591	Positive connection 1 (30a), in roof wiring harness
*	For models with background lighting
*2	For models with no central locking
*3	For models with second battery
*4	For models with no second battery
*5	According to equipment
*6	For models with special police equipment
*7	From June 2017
*8	Up to November 2017
*9	From November 2017

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
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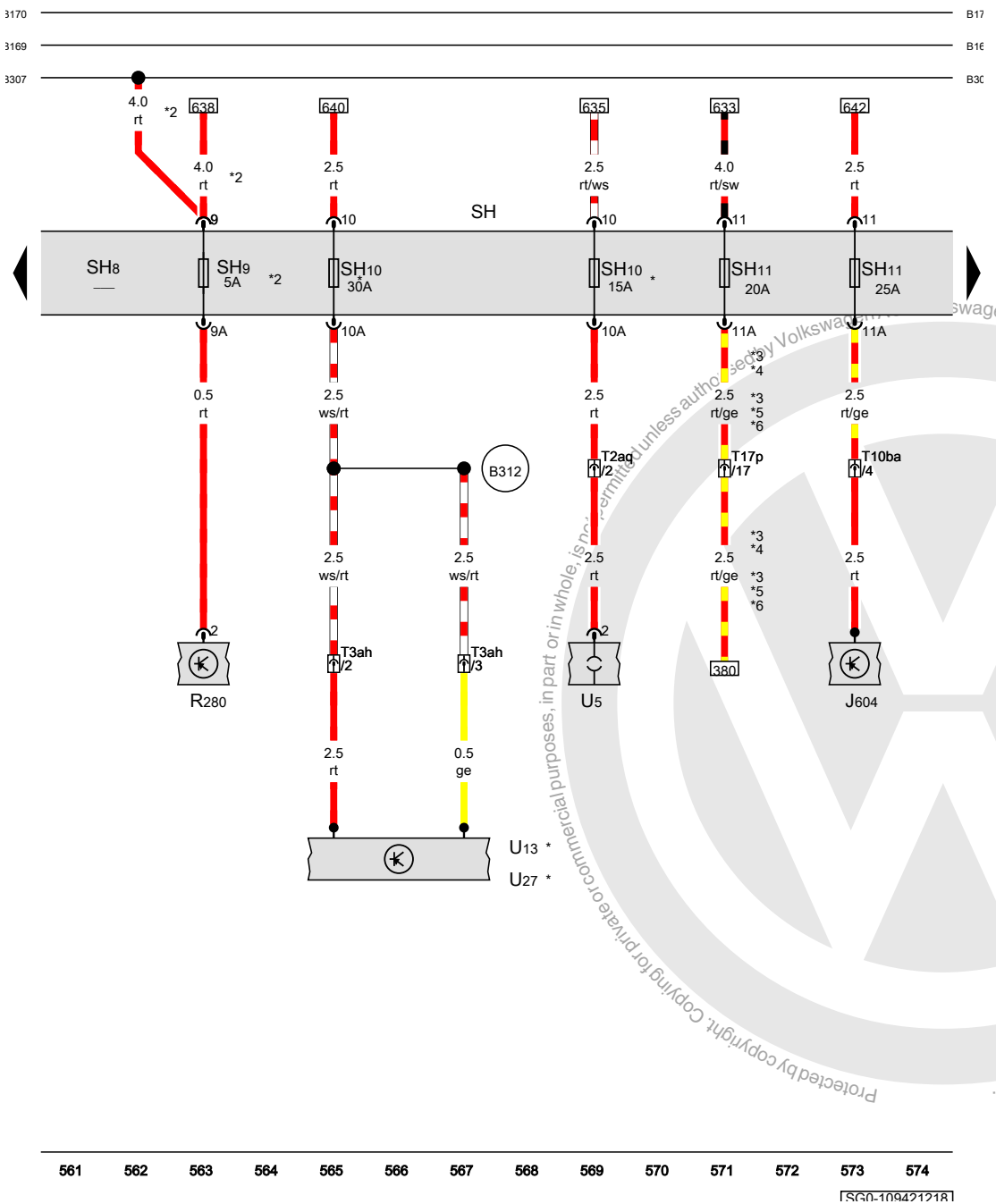

Auxiliary air heater control unit, Electric torch, Fuse holder H, 2-pin connector, 12 V socket, DC/AC converter with socket, 12 V - 230 V

J604	Auxiliary air heater control unit
R280	Electric torch, on front passenger seat
SH	Fuse holder H
SH8	Fuse 8 in fuse holder H
SH9	Fuse 9 in fuse holder H
SH10	Fuse 10 in fuse holder H
SH11	Fuse 11 in fuse holder H
T2aq	2-pin connector, black, under seat on front right
T3ah	3-pin connector, black, on DC/AC converter
T10ba	10-pin connector, blue, under seat on front right
T17p	17-pin connector, red, under seat on front left
U5	12 V socket
U13	DC/AC converter with socket, 12 V - 230 V, on left B-pillar
U27	DC/AC converter with socket, 12 V - 115 V, on left B-pillar
B169	Positive connection 1 (30), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B307	Positive connection 11 (30), in main wiring harness
B312	Positive connection 16 (30), in main wiring harness
*	For models with DC/AC converter
*2	According to equipment
*3	Only models with auxiliary coolant heater
*4	Up to November 2017
*5	From November 2017
*6	For models with no start/stop system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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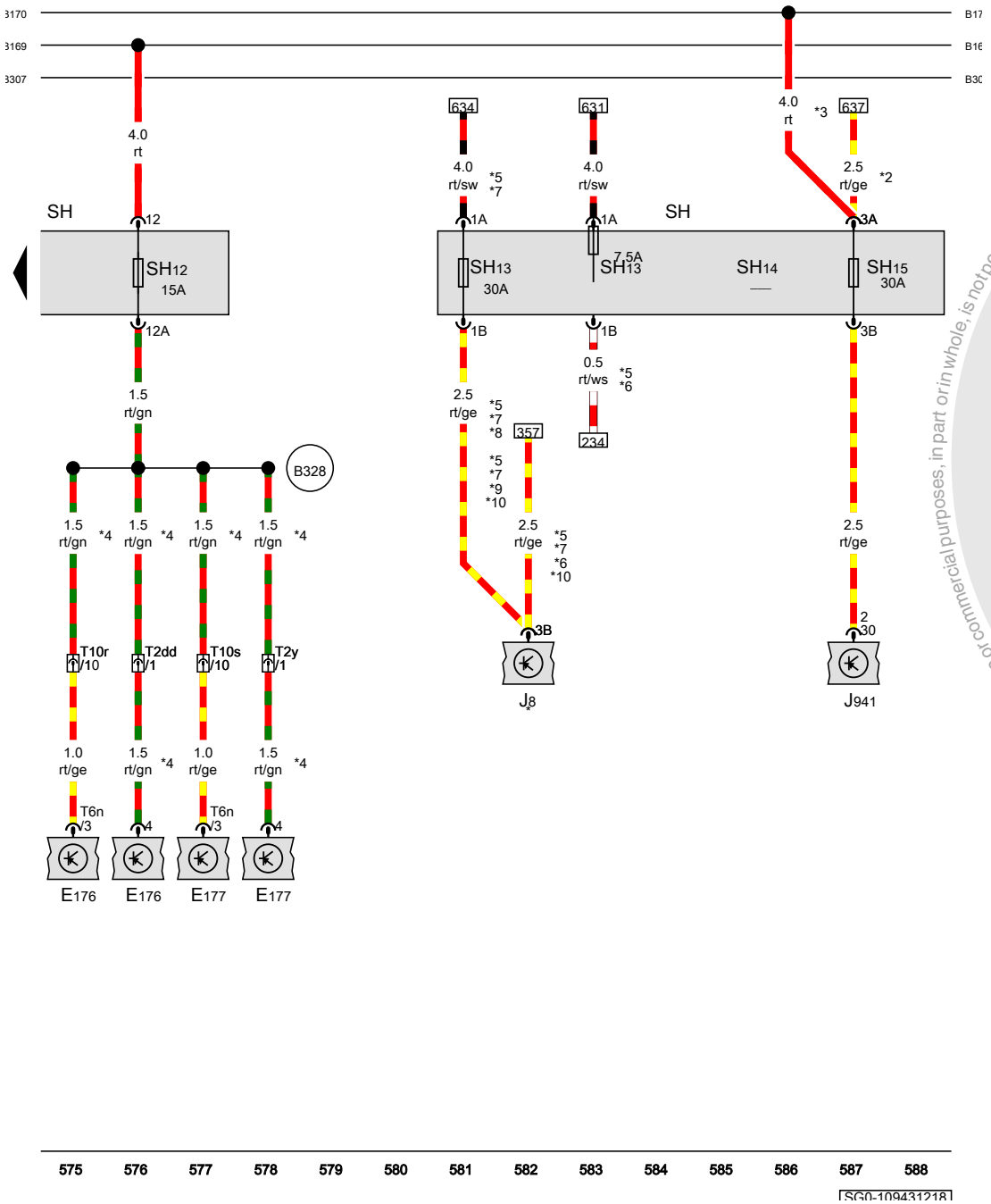

Driver seat lumbar support adjustment switch, Front passenger seat lumbar support adjustment switch, Auxiliary heater relay, Trailer voltage supply relay, Fuse holder H

E176	Driver seat lumbar support adjustment switch
E177	Front passenger seat lumbar support adjustment switch
J8	Auxiliary heater relay
J941	Trailer voltage supply relay
SH	Fuse holder H
SH12	Fuse 12 in fuse holder H
SH13	Fuse 13 in fuse holder H
SH14	Fuse 14 in fuse holder H
SH15	Fuse 15 in fuse holder H
T2dd	2-pin connector, black, under seat on front left
T2y	2-pin connector, black, under seat on front right
T6n	6-pin connector, black
T10r	10-pin connector, black, under seat on front left
T10s	10-pin connector, black, under seat on front right
B169	Positive connection 1 (30), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B307	Positive connection 11 (30), in main wiring harness
B328	Positive connection 14 (30a) in main wiring harness
*	For models with no Climatronic
*2	For models with second battery
*3	For models with no second battery
*4	According to equipment
*5	For models with auxiliary coolant heater
*6	For models with start/stop system
*7	For models with no Climatronic
*8	Up to November 2017
*9	For models with no start/stop system
*10	From November 2017

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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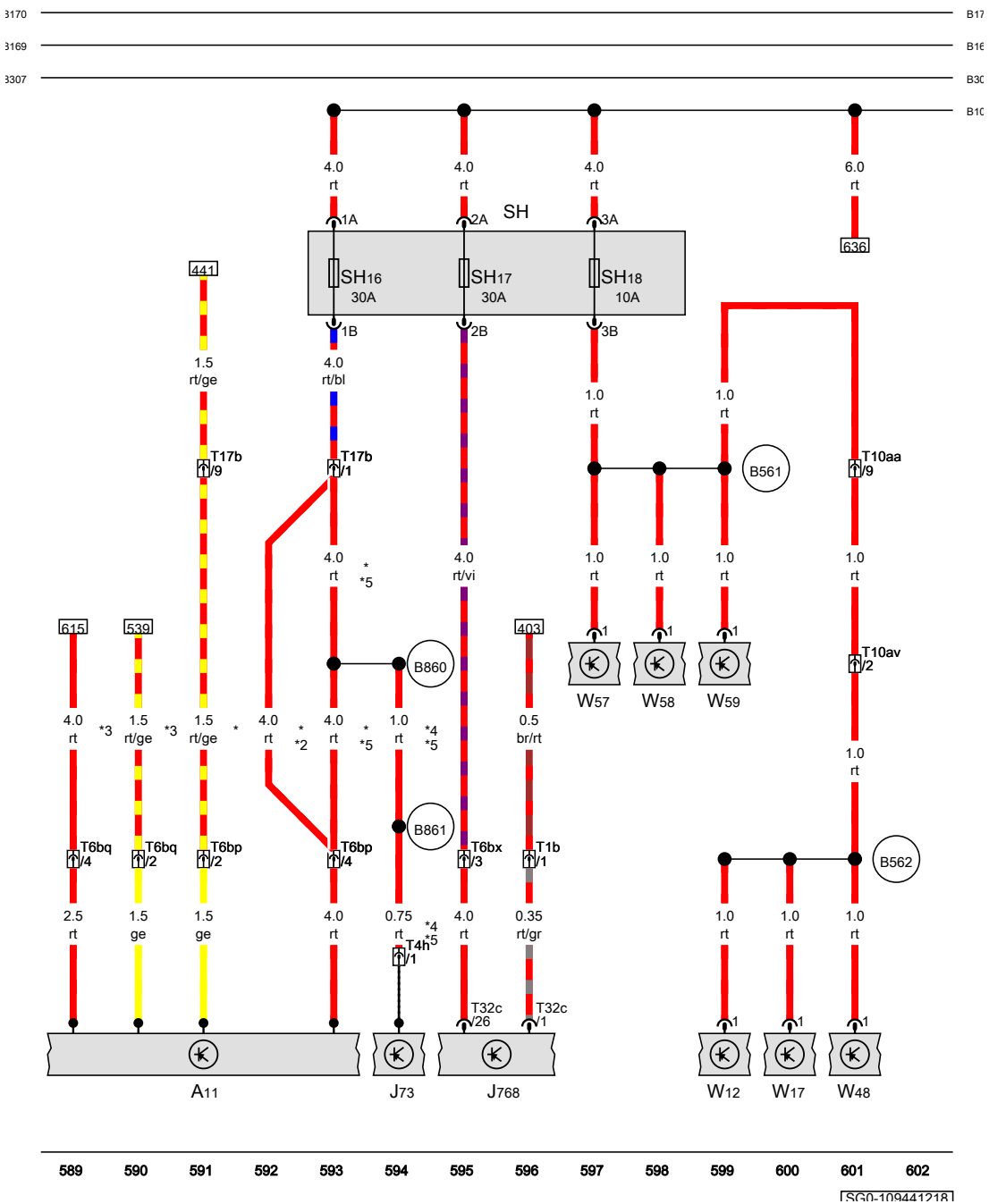

Onboard charging unit, Light control relay, Roof hydraulics control unit, Fuse holder H, Rear right reading light, Right interior light, Rear right interior light, Kitchenette light 1, Kitchenette light 2, Kitchenette light 3

A11	Onboard charging unit
J73	Light control relay, in cupboard, front
J768	Roof hydraulics control unit
SH	Fuse holder H
SH16	Fuse 16 in fuse holder H
SH17	Fuse 17 in fuse holder H
SH18	Fuse 18 in fuse holder H
T1b	1-pin connector, grey
T4h	4-pin connector, black, in cupboard, front, right, top
T6bp	6-pin connector, in cupboard, in battery box
T6bq	6-pin connector, in rear left side panel
T6bx	6-pin connector, black
T10aa	10-pin connector, dark brown, under seat on front left
T10av	10-pin connector, brown, under seat on front right
T17b	17-pin connector, in cupboard, bottom
T32c	32-pin connector, black
W12	Rear right reading light, in right D-pillar
W17	Right interior light, on upper section of right B-pillar
W48	Rear right interior light, on right C-pillar
W57	Kitchenette light 1, on upper section of left B-pillar
W58	Kitchenette light 2
W59	Kitchenette light 3, on left C-pillar
B100	Positive connection 4, in Camper wiring harness
B169	Positive connection 1 (30), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B307	Positive connection 11 (30), in main wiring harness
B561	Positive connection 1, in Camper wiring harness
B562	Positive connection 2, in Camper wiring harness
B860	Positive connection 8, in Camper wiring harness
B861	Positive connection 9, in Camper wiring harness
*	For Camper, not for Camper Beach
*2	Up to June 2017
*3	For Camper Beach
*4	According to equipment
*5	From June 2017

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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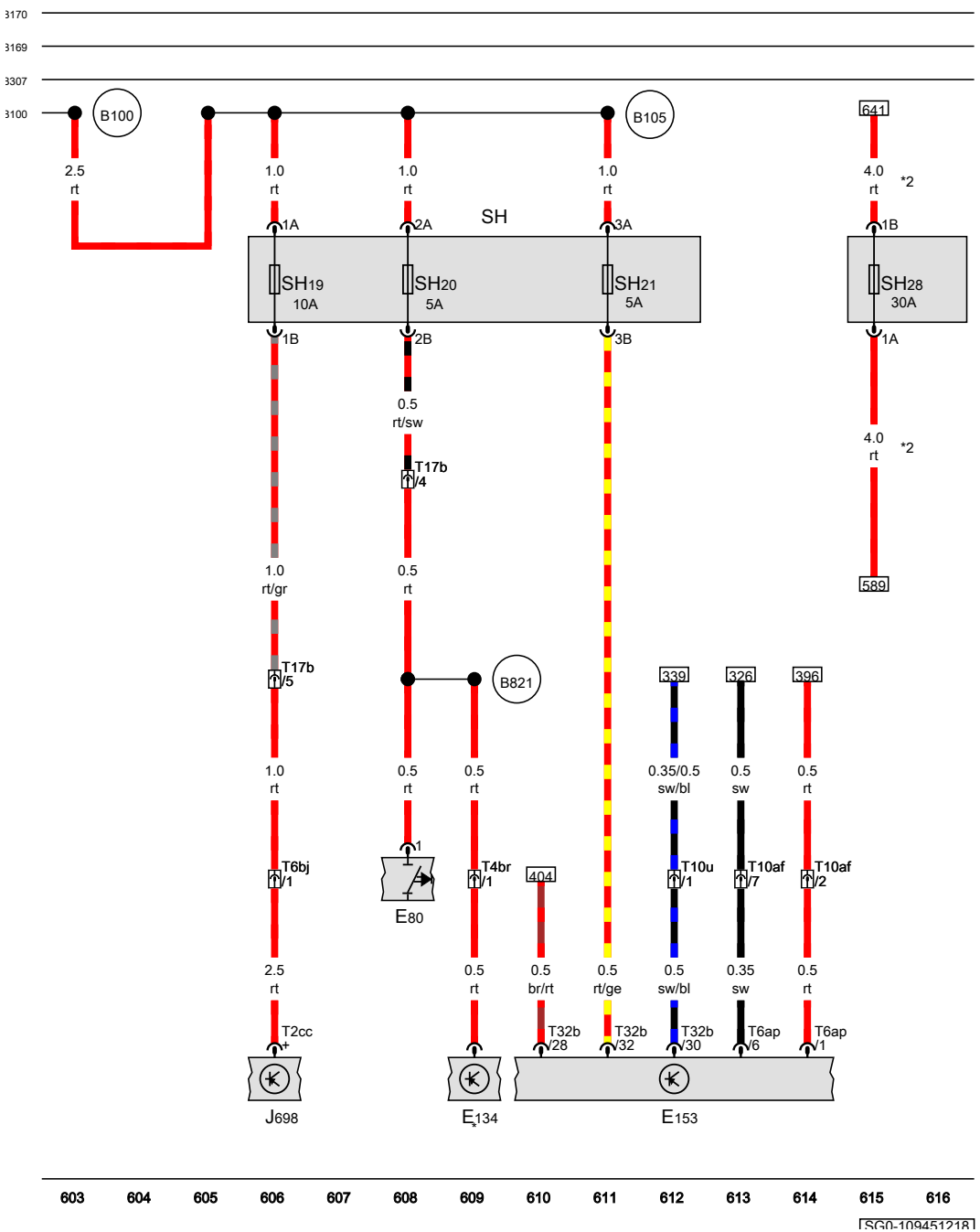

Water pump switch, Water pump switch for shower, Operating and display unit for camping equipment, Refrigerator box, Fuse holder H, Fuse 28 in fuse holder H

E80	Water pump switch
E134	Water pump switch for shower, rear, in cupboard
E153	Operating and display unit for camping equipment
J698	Refrigerator box
SH	Fuse holder H
SH19	Fuse 19 in fuse holder H
SH20	Fuse 20 in fuse holder H
SH21	Fuse 21 in fuse holder H
SH28	Fuse 28 in fuse holder H
T2cc	2-pin connector, black
T4br	4-pin connector, black, in cupboard, rear, left
T6ap	6-pin connector, black
T6bj	6-pin connector, black, near refrigerator box
T10af	10-pin connector, blue, in left A-pillar coupling station
T10u	10-pin connector, blue, under seat on front left
T17b	17-pin connector, in cupboard, bottom
T32b	32-pin connector, black
B100	Positive connection 4, in Camper wiring harness
B105	Positive connection 5, in Camper wiring harness
B169	Positive connection 1 (30), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B307	Positive connection 11 (30), in main wiring harness
B821	Positive connection 6, in Camper wiring harness
*	According to equipment
*2	For Camper Beach

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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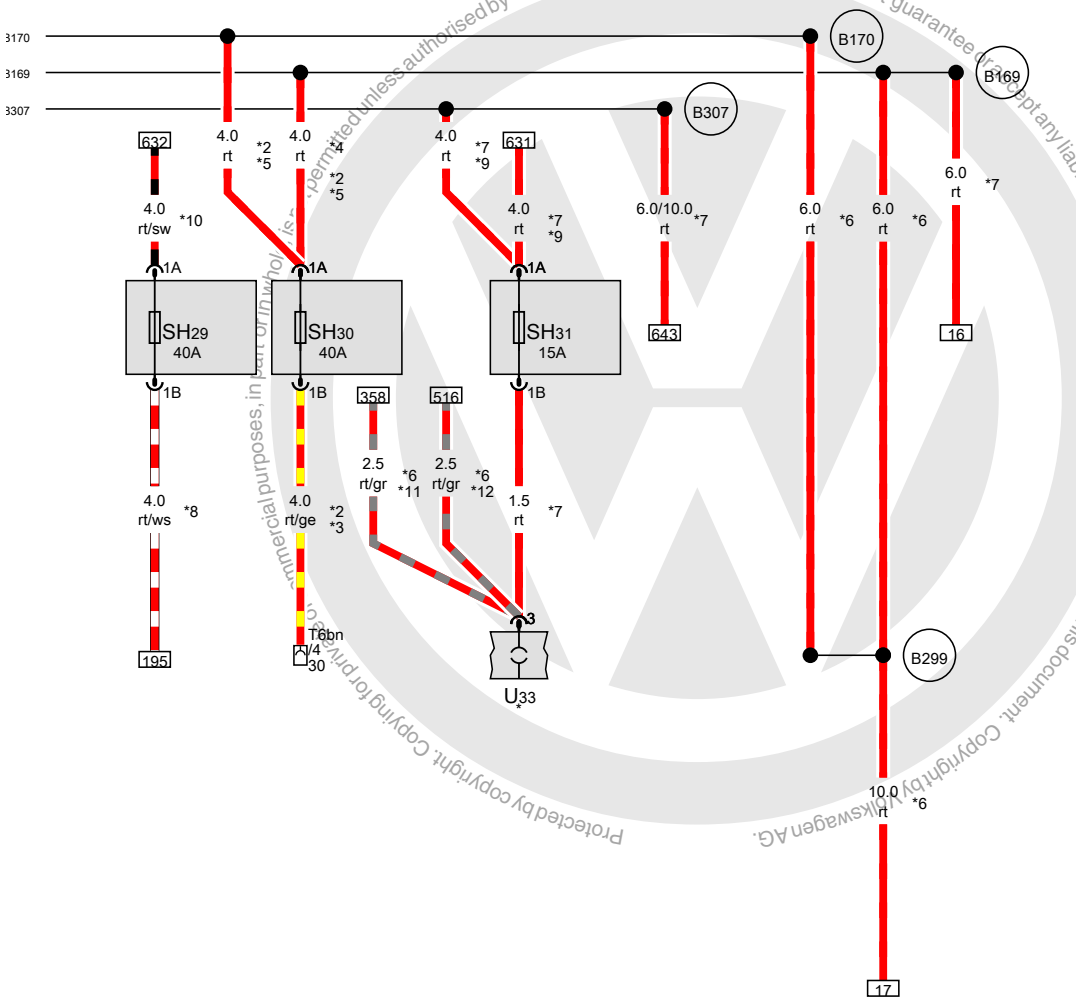

Fuse 29 in fuse holder H, Fuse 30 in fuse holder H, Fuse 31 in fuse holder H, 12 V socket 6

SH29	Fuse 29 in fuse holder H
SH30	Fuse 30 in fuse holder H
SH31	Fuse 31 in fuse holder H
T6bn	6-pin connector, grey, under seat on front left
U33	12 V socket 6, in centre of dash panel
B169	Positive connection 1 (30), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B299	Positive connection 3 (30), in main wiring harness
B307	Positive connection 11 (30), in main wiring harness
*	For models with front 12 V socket
*2	For models with special police equipment
*3	For models with electric interface for external use
*4	For models with no special police equipment
*5	see applicable current flow diagram
*6	For models with no second battery
*7	For models with second battery
*8	For models with auxiliary coolant heater
*9	According to equipment
*10	For models with Climatronic
*11	Up to November 2017
*12	From November 2017

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

617 618 619 620 621 622 623 624 625 626 627 628 629 630

[SG0-109461218]

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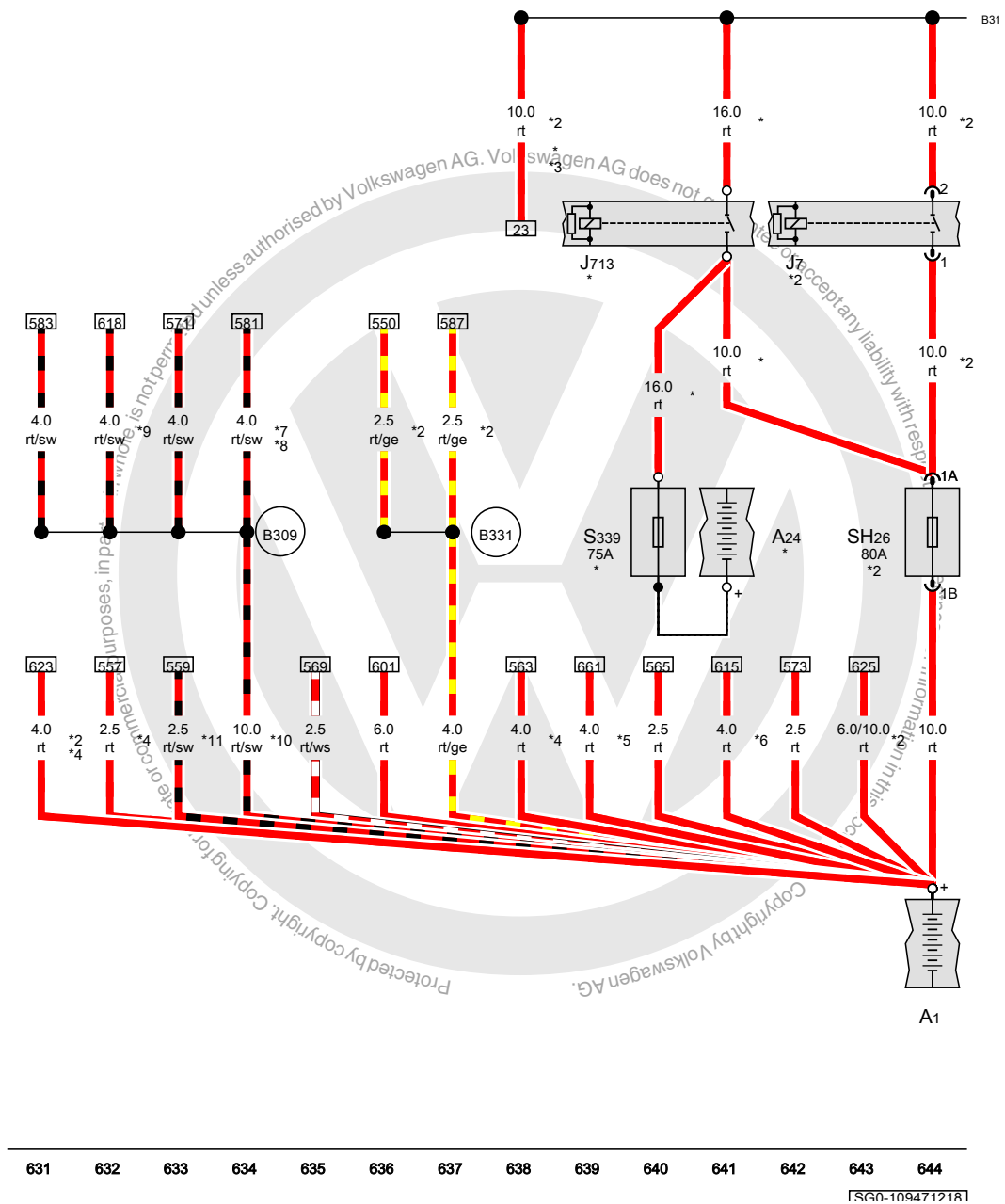
Second battery, Battery for special vehicle, Battery isolation relay, Second battery charging circuit relay



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

A1	Second battery
A24	Battery for special vehicle
J7	Battery isolation relay
J713	Second battery charging circuit relay
SH26	Fuse 26 in fuse holder H
S339	Battery fuse in special vehicle
B309	Positive connection 13 (30), in main wiring harness
B311	Positive connection 15 (30), in main wiring harness
B331	Positive connection 17 (30a) in main wiring harness
*	For Camper, not for Camper Beach
*2	For models with second battery
*3	Cross-section 16.0 possible
*4	According to equipment
*5	Cross-section 1.5 possible
*6	For Camper Beach
*7	For models with auxiliary coolant heater
*8	For models with no Climatronic
*9	For models with Climatronic
*10	Cross-section 4.0 possible
*11	For models with special police equipment

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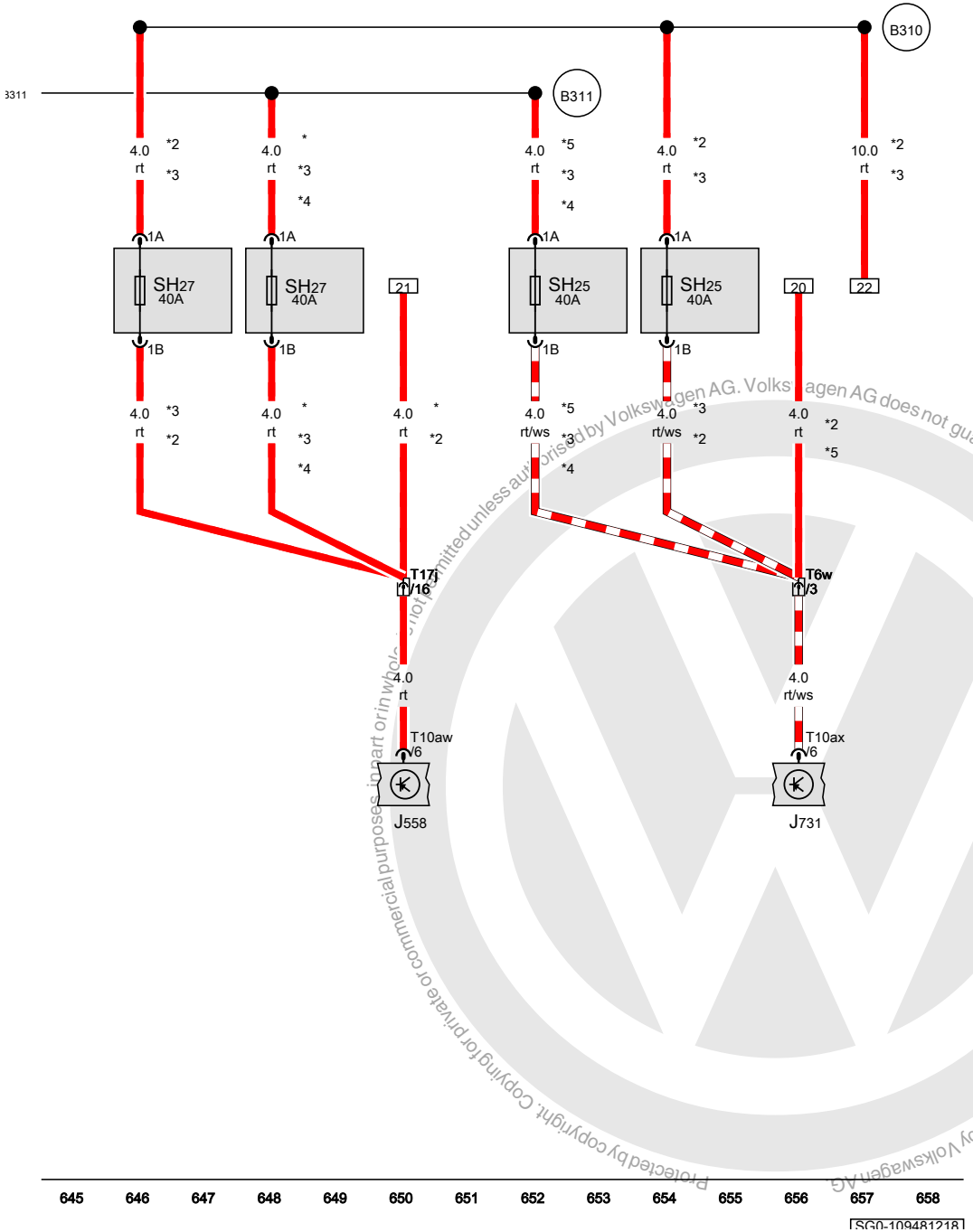

Left sliding door control unit, Right sliding door control unit, Fuse 27 in fuse holder H

J558	Left sliding door control unit
J731	Right sliding door control unit
SH25	Fuse 25 in fuse holder H
SH27	Fuse 27 in fuse holder H
T6w	6-pin connector, light pink, under seat on front right
T10aw	10-pin connector, black
T10ax	10-pin connector, black
T17j	17-pin connector, white, under seat on front left
B310	Positive connection 14 (30), in main wiring harness
B311	Positive connection 15 (30), in main wiring harness
*	For models with left sliding door
*2	For models with no second battery
*3	For models with left and right sliding doors
*4	For models with second battery
*5	For models with right sliding door

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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li	=	purple
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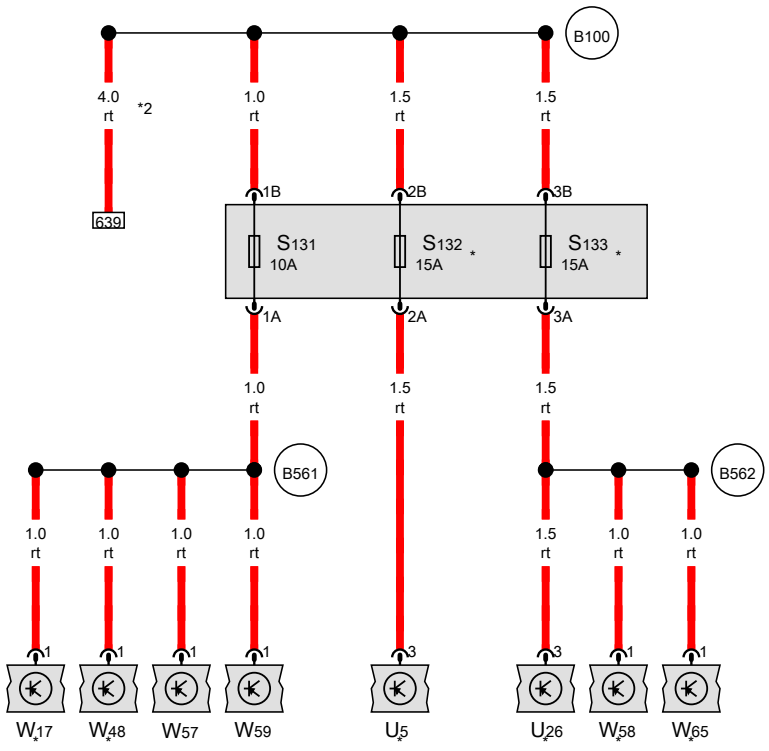

Fuse 1, Fuse 2, Fuse 3, 12 V socket, 12 V socket 5, Right interior light, Rear right interior light, Kitchenette light 1, Kitchenette light 2, Kitchenette light 3, Front left reading light

S131	Fuse 1
S132	Fuse 2
S133	Fuse 3
U5	12 V socket, on upper section of left B-pillar
U26	12 V socket 5, on left B-pillar
W17	Right interior light, on upper section of right B-pillar
W48	Rear right interior light, on right C-pillar
W57	Kitchenette light 1, on upper section of left B-pillar
W58	Kitchenette light 2
W59	Kitchenette light 3, on left C-pillar
W65	Front left reading light, on upper section of left B-pillar
B100	Positive connection 4, in Camper wiring harness
B561	Positive connection 1, in Camper wiring harness
B562	Positive connection 2, in Camper wiring harness
*	For models with 12 V socket
*2	Cross-section 1.5 possible

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bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

659 660 661 662 663 664 665 666 667 668 669 670 671 672

[SG0-109491218]

Special equipment, police , (IS4)

From June 2016

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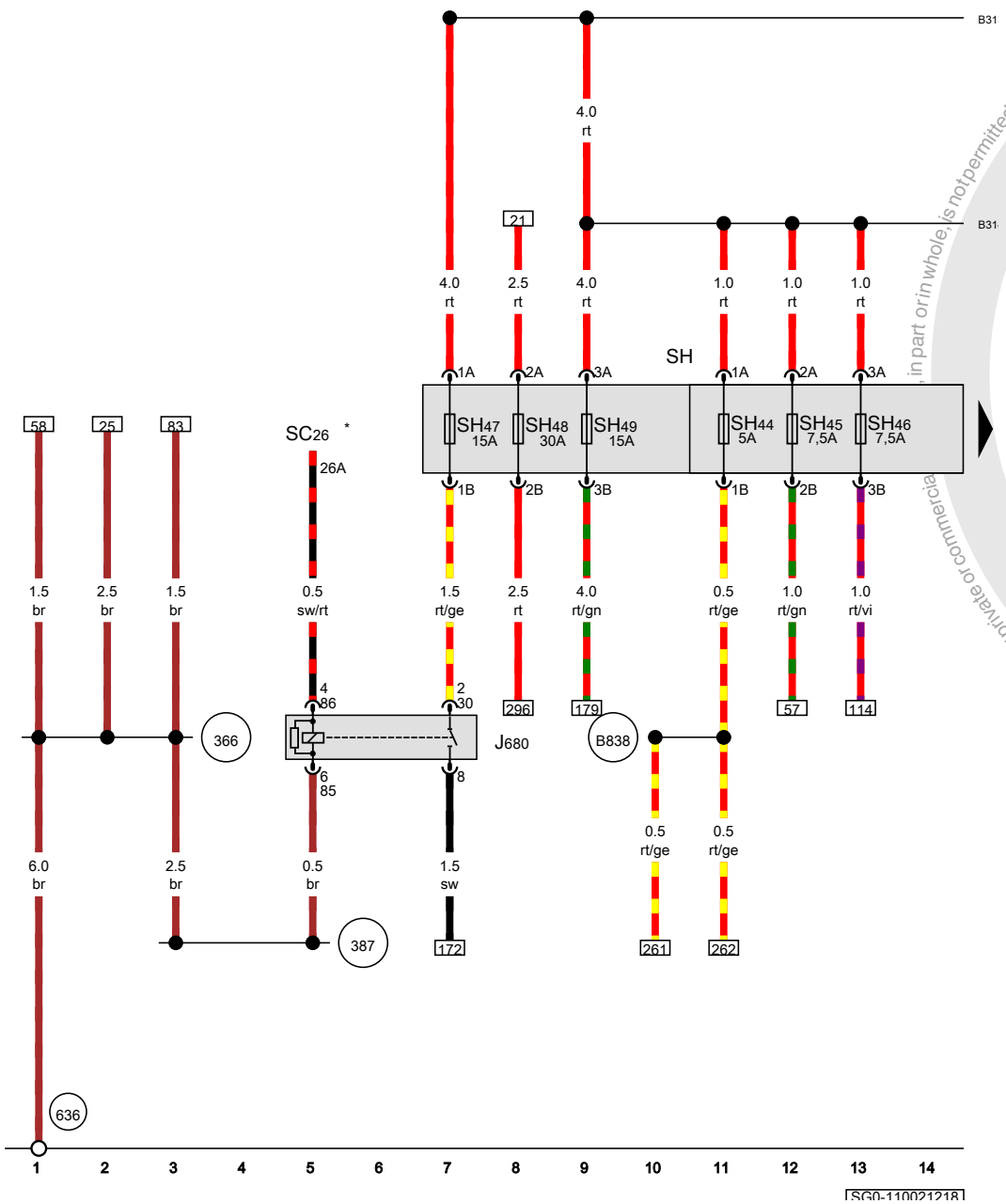
Terminal 75 voltage supply relay 1, Fuse 26 on fuse holder C, Fuse holder H



J680	Terminal 75 voltage supply relay 1
SC26	Fuse 26 on fuse holder C
SH	Fuse holder H
SH44	Fuse 44 in fuse holder H
SH45	Fuse 45 in fuse holder H
SH46	Fuse 46 in fuse holder H
SH47	Fuse 47 in fuse holder H
SH48	Fuse 48 in fuse holder H
SH49	Fuse 49 in fuse holder H
366	Earth connection 1, in main wiring harness
387	Earth connection 22, in main wiring harness
636	Earth point, onboard supply control unit
B313	Positive connection 17 (30), in main wiring harness
B314	Positive connection 18 (30), in main wiring harness
B838	Positive connection 19 (30), in main wiring harness
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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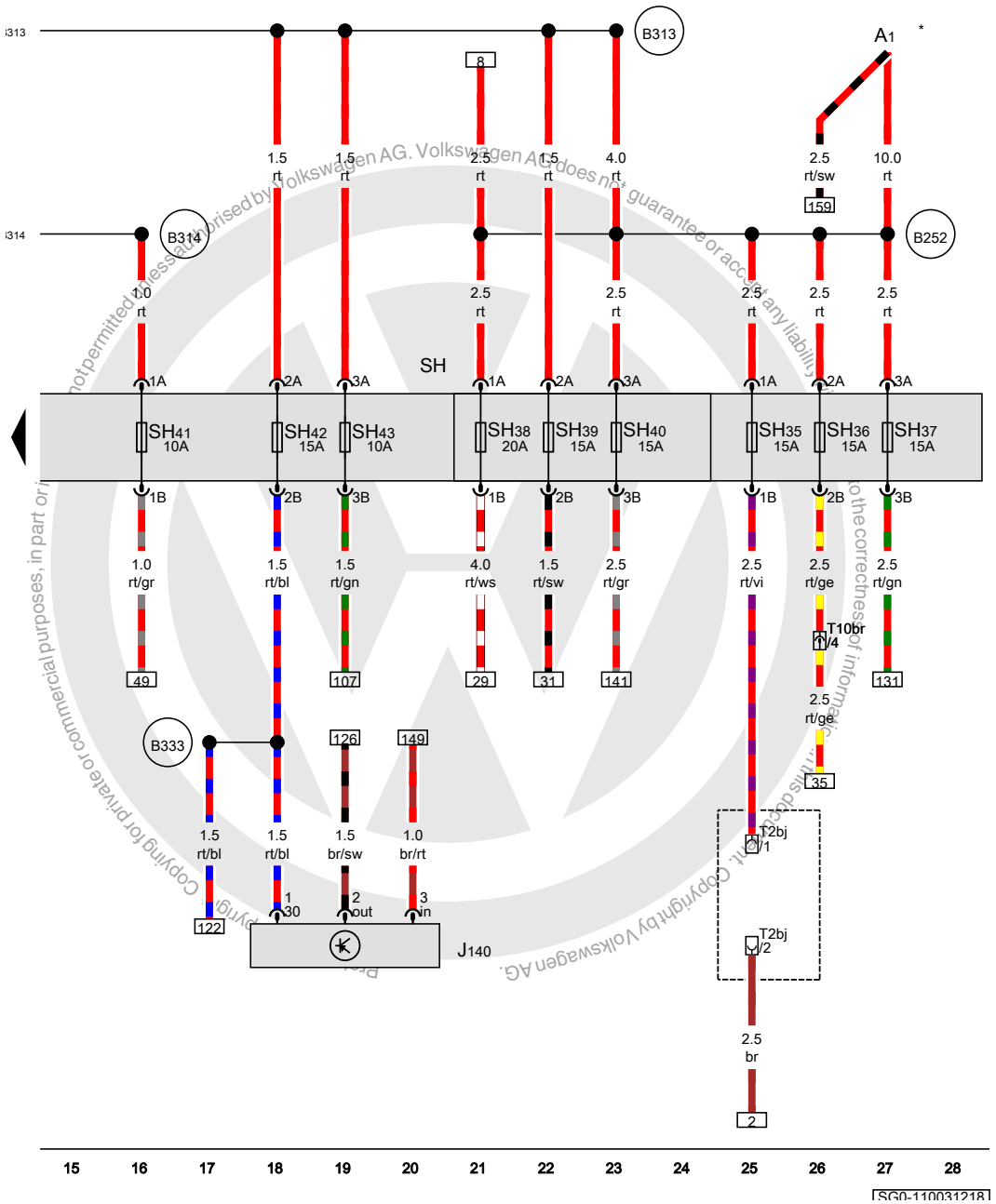
Second battery, Interior light switch-off delay control unit, Fuse holder H, 2-pin connector



A1	Second battery
J140	Interior light switch-off delay control unit
SH	Fuse holder H
SH35	Fuse 35 in fuse holder H
SH36	Fuse 36 in fuse holder H
SH37	Fuse 37 in fuse holder H
SH38	Fuse 38 in fuse holder H
SH39	Fuse 39 in fuse holder H
SH40	Fuse 40 in fuse holder H
SH41	Fuse 41 in fuse holder H
SH42	Fuse 42 in fuse holder H
SH43	Fuse 43 in fuse holder H
T2bj	2-pin connector, black, Interface for front socket, in centre of dash panel
T10br	10-pin connector, blue, under driver seat
B252	Positive connection (30, police), in interior wiring harness
B313	Positive connection 17 (30), in main wiring harness
B314	Positive connection 18 (30), in main wiring harness
B333	Positive connection 19 (30a) in main wiring harness
*	see applicable current flow diagram for battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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rs	=	pink

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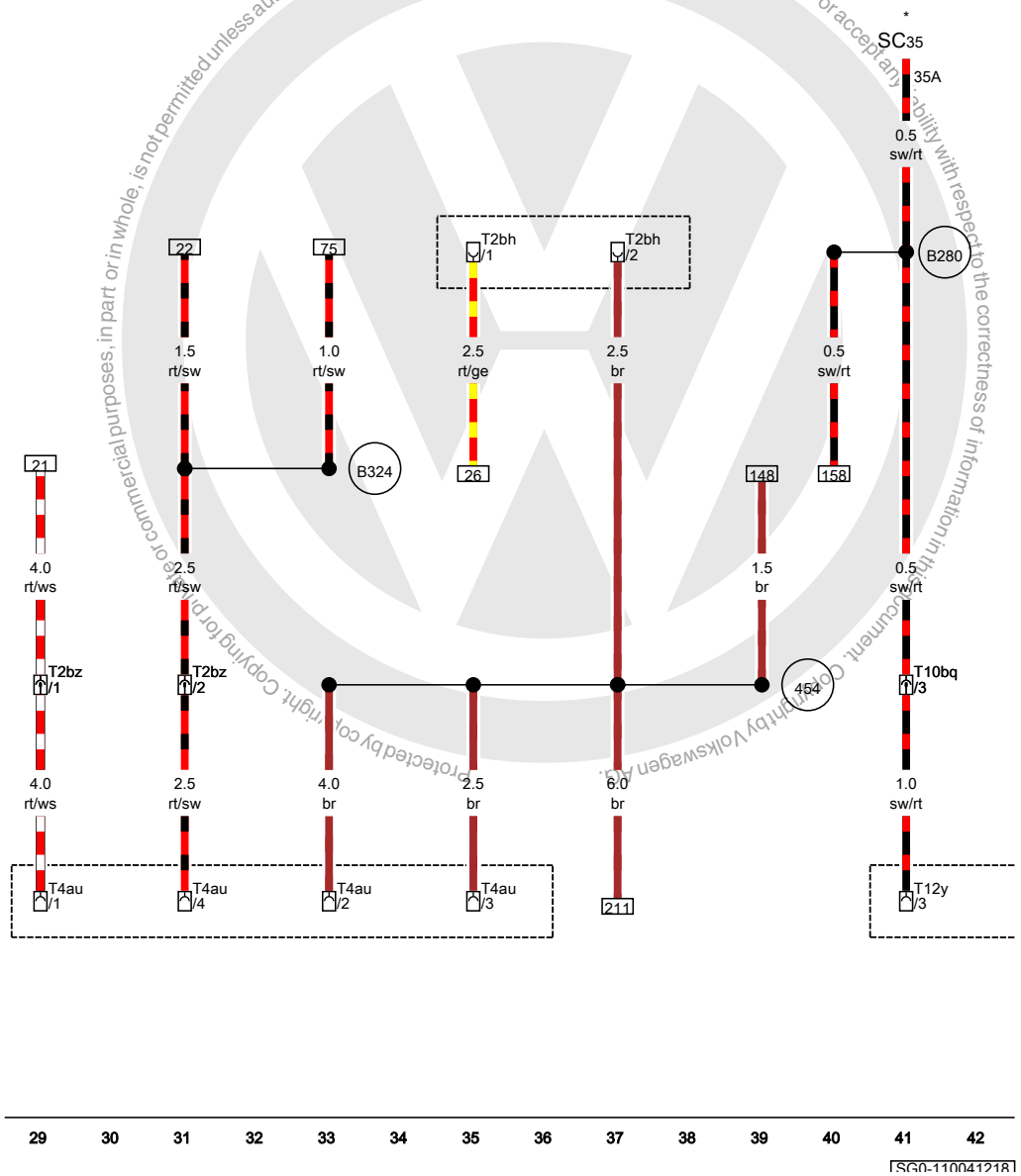

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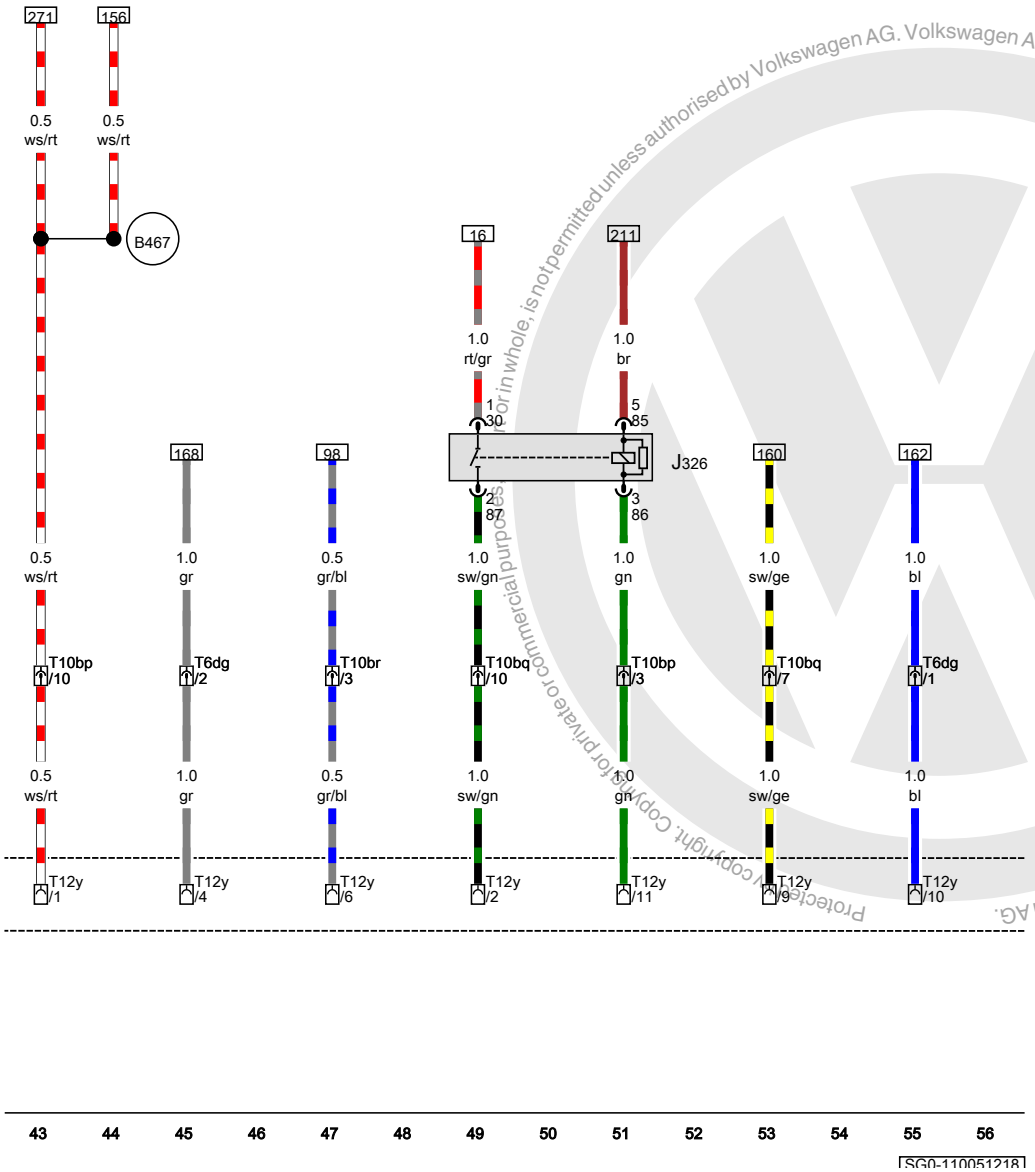
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

2-pin connector, 4-pin connector, 12-pin connector

SC35	Fuse 35 on fuse holder C
T2bh	2-pin connector, black, Interface for socket on table, on lower part of left C-pillar
T2bz	2-pin connector, black, under driver seat
T4au	4-pin connector, black, Interface for special signal, under roof near left B-pillar
T10bq	10-pin connector, orange, under driver seat
T12y	12-pin connector, black, Interface for special signal, under roof near left B-pillar
454	Earth connection 4, in optional equipment wiring harness
B280	Positive connection 4 (15a) in main wiring harness
B324	Positive connection 10 (30a) in main wiring harness
*	see applicable current flow diagram for fuse assignment

Rotating light relay, 12-pin connector

J326	Rotating light relay
T6dg	6-pin connector, purple, under driver seat
T10bp	10-pin connector, green, under driver seat
T10bq	10-pin connector, orange, under driver seat
T10br	10-pin connector, blue, under driver seat
T12y	12-pin connector, black, Interface for special signal, under roof near left B-pillar
B467	Connection 3, in main wiring harness



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or	=	orange
rs	=	pink

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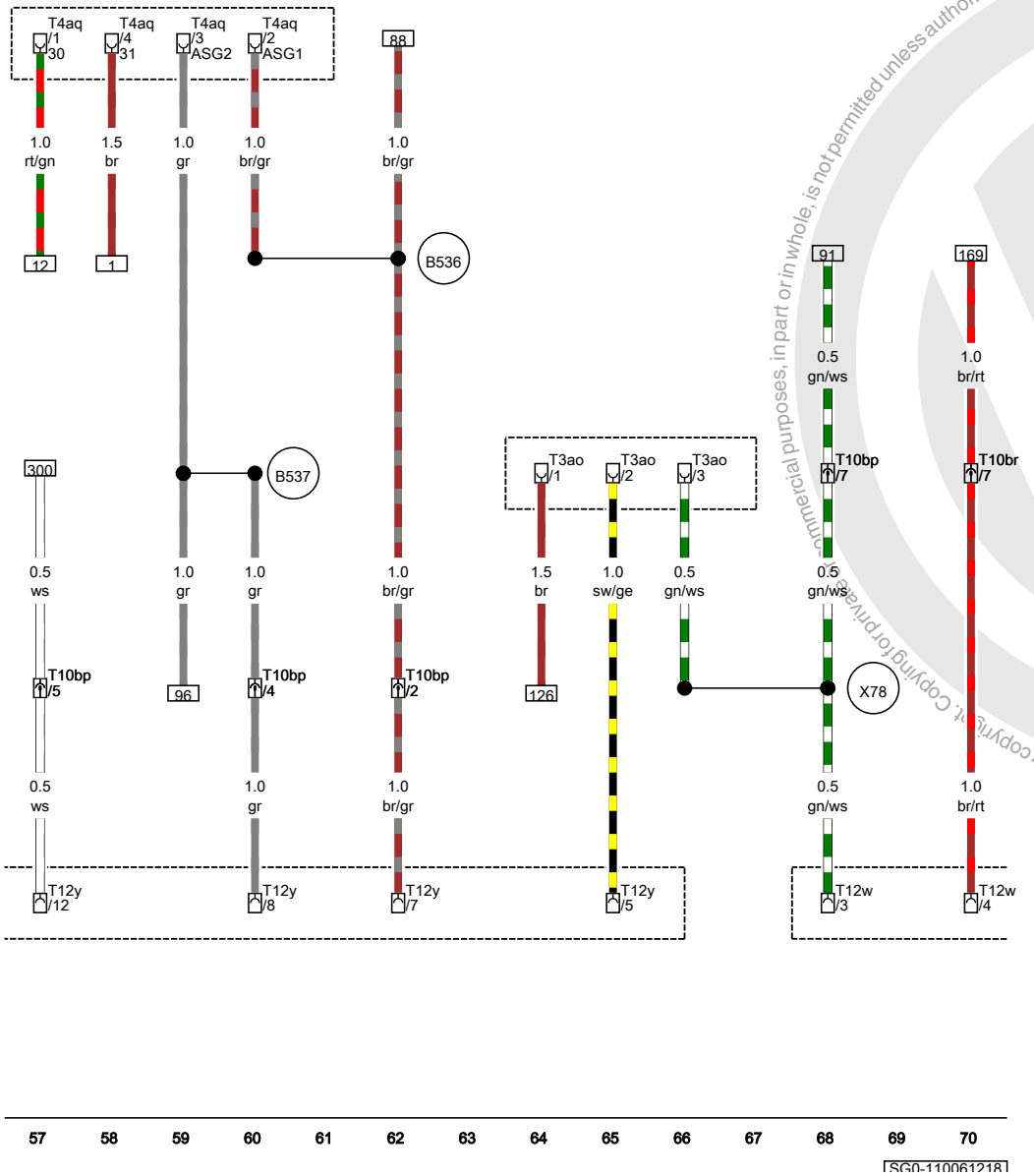

3-pin connector, 4-pin connector, 12-pin connector, 12-pin connector

T3ao	3-pin connector, black, Interface for third rotating light, under roof near left D-pillar
T4aq	4-pin connector, black, Interface for front "stop" command light, on air filter
T10bp	10-pin connector, green, under driver seat
T10br	10-pin connector, blue, under driver seat
T12w	12-pin connector, black, Interface for special signal, under roof near left B-pillar
T12y	12-pin connector, black, Interface for special signal, under roof near left B-pillar
B536	Connection 27, in main wiring harness
B537	Connection 28, in main wiring harness
X78	Connection 1, in optional equipment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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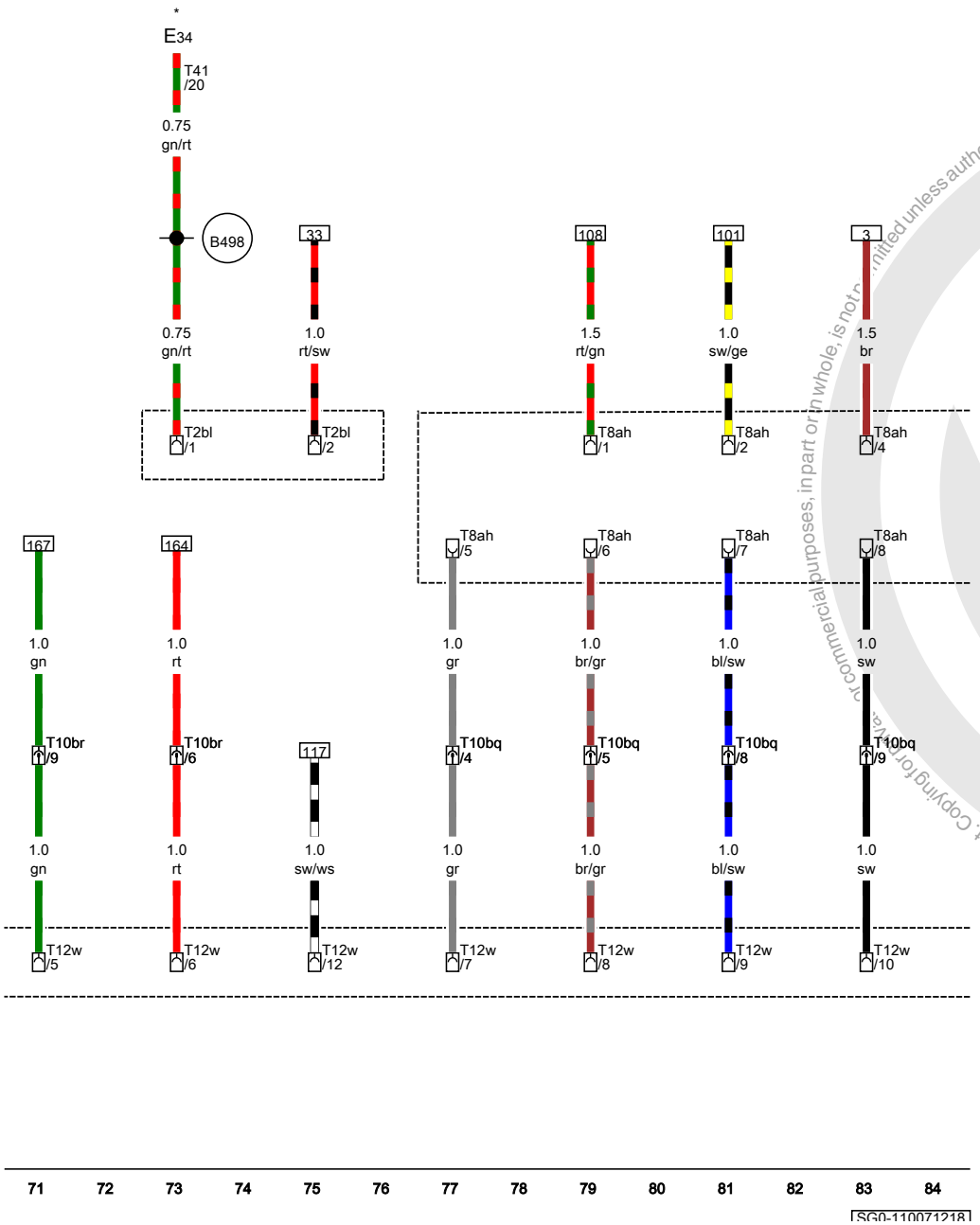
Rear wiper switch, 2-pin connector, 8-pin connector, 12-pin connector



E34	Rear wiper switch
T2bl	2-pin connector, black, Interface for rear window wiper warning lamp
T8ah	8-pin connector, black, Interface for loudspeaker/ front flashing LED lights, on air filter
T10bq	10-pin connector, orange, under driver seat
T10br	10-pin connector, blue, under driver seat
T12w	12-pin connector, black, Interface for special signal, under roof near left B-pillar
T41	41-pin connector, grey
B498	Connection 1 (53c), in interior wiring harness
*	see applicable current flow diagram for basic equipment

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sw	=	black
ro	=	red
rt	=	red
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or	=	orange
rs	=	pink

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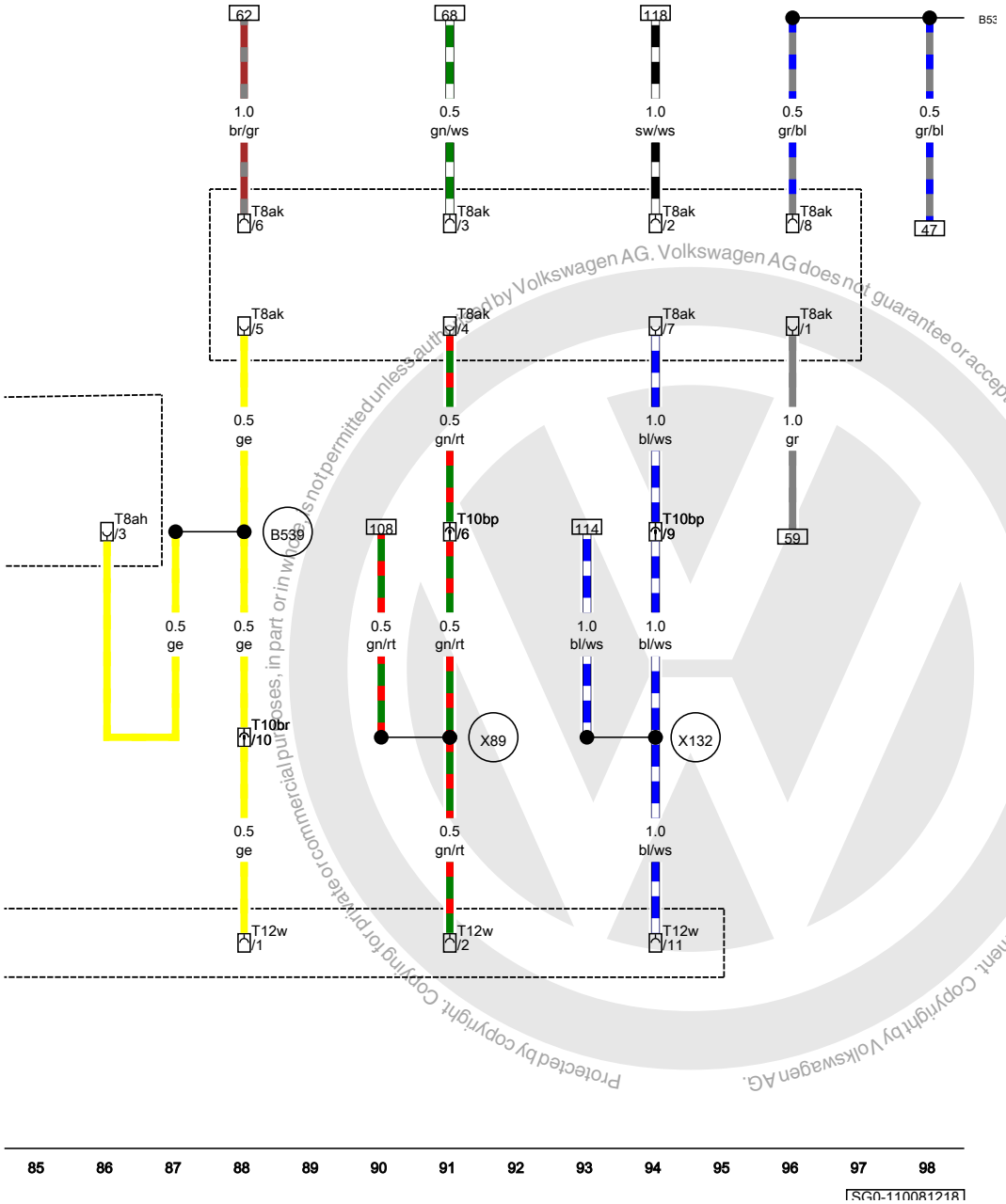

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8-pin connector, 8-pin connector, 12-pin connector

T8ah	8-pin connector, black, Interface for loudspeaker/ front flashing LED lights, on air filter
T8ak	8-pin connector, black, Interface for warning lamps
T10bp	10-pin connector, green, under driver seat
T10br	10-pin connector, blue, under driver seat
T12w	12-pin connector, black, Interface for special signal, under roof near left B-pillar
B538	Connection 29, in main wiring harness
B539	Connection 30, in main wiring harness
X89	Connection 1 (blue flashing/rotating light), in optional equipment wiring harness
X132	Connection 5, in optional equipment wiring harness

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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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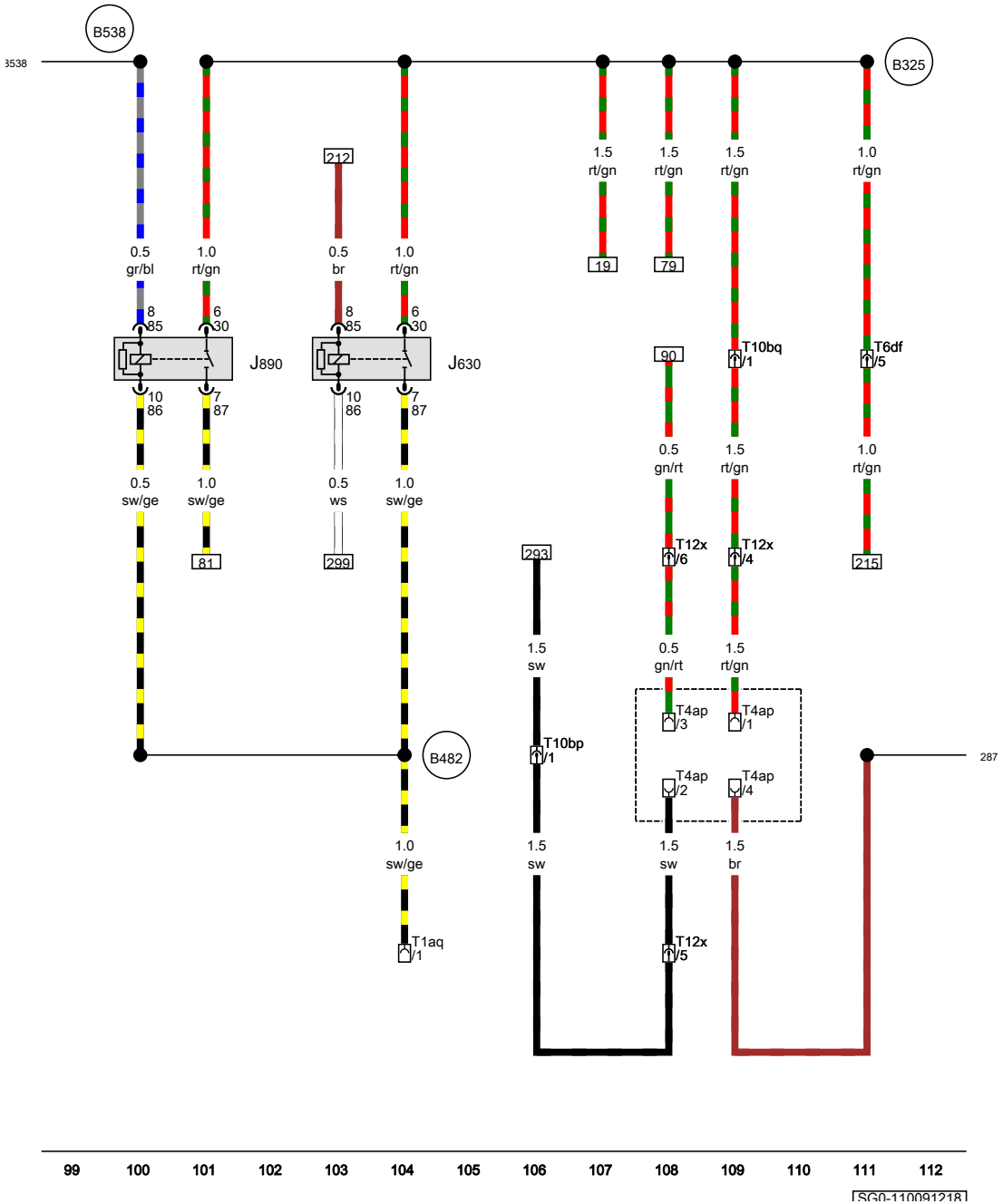
ge	=	yellow
or	=	orange
rs	=	pink

Flashing lights relay, Flashing lights relay 2, 4-pin connector



J630	Flashing lights relay
J890	Flashing lights relay 2
T1aq	1-pin connector, black, under driver seat
T4ap	4-pin connector, black, Interface for rear flashing LED lights (blue), in rear lid
T6df	6-pin connector, grey, under driver seat
T10bp	10-pin connector, green, under driver seat
T10bq	10-pin connector, orange, under driver seat
T12x	12-pin connector, brown, near left D-pillar
287	Earth connection, in rear lid feeder wiring harness
B325	Positive connection 11 (30a) in main wiring harness
B482	Connection 18, in main wiring harness
B538	Connection 29, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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li	=	purple
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or	=	orange
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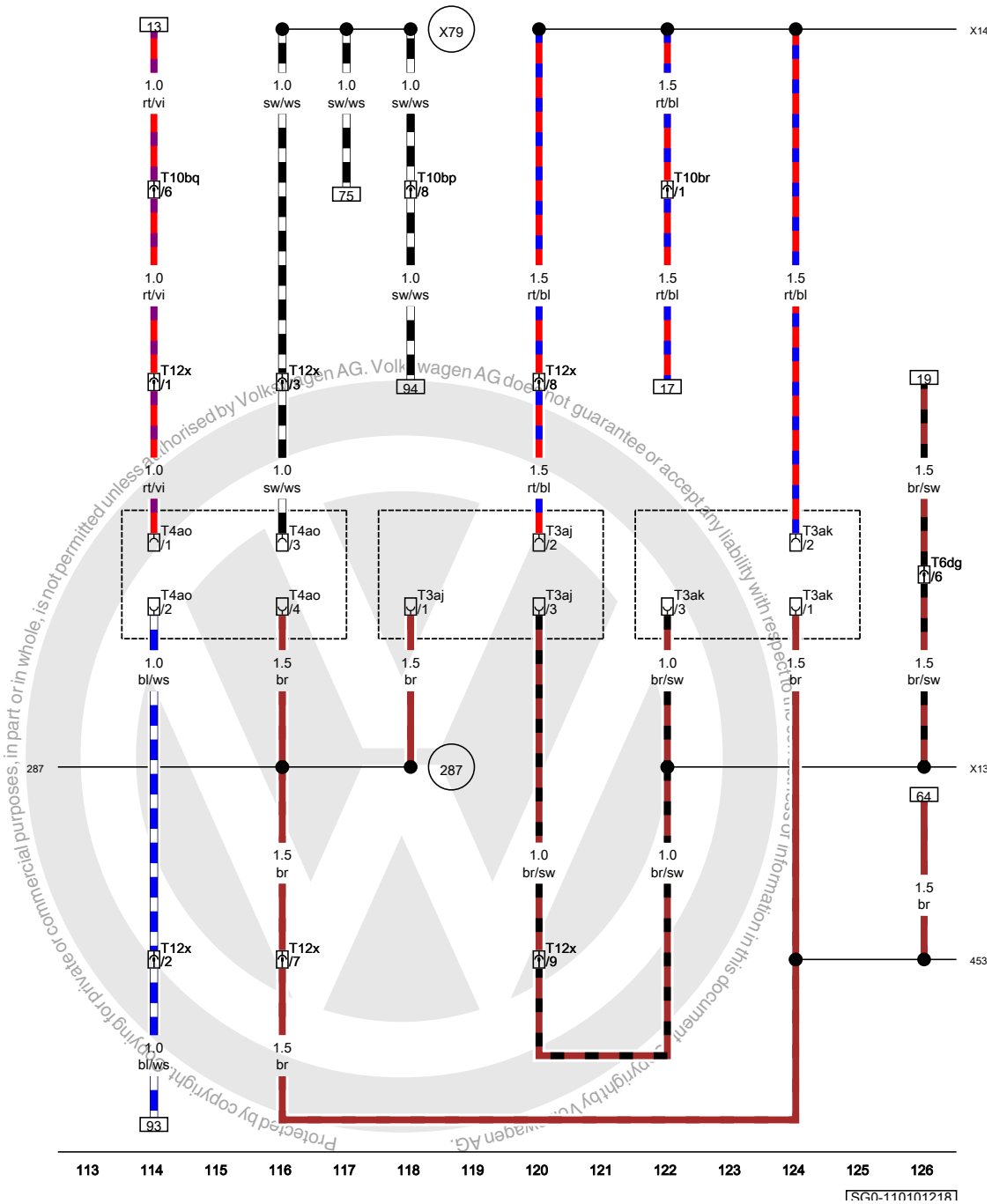

3-pin connector, 3-pin connector, 4-pin connector

T3aj	3-pin connector, black, Interface for rear luggage compartment light, in rear lid
T3ak	3-pin connector, black, Interface for lower left interior light, on wheel housing
T4ao	4-pin connector, black, Interface for rear "stop" command light, in rear lid
T6dg	6-pin connector, purple, under driver seat
T10bp	10-pin connector, green, under driver seat
T10bq	10-pin connector, orange, under driver seat
T10br	10-pin connector, blue, under driver seat
T12x	12-pin connector, brown, near left D-pillar
287	Earth connection, in rear lid feeder wiring harness
453	Earth connection 3, in optional equipment wiring harness
X79	Connection 2, in optional equipment wiring harness
X130	Connection 3, in optional equipment wiring harness
X148	Positive connection 7 (30), in optional equipment wiring harness

ws	=	white
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gn	=	green
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or	=	orange
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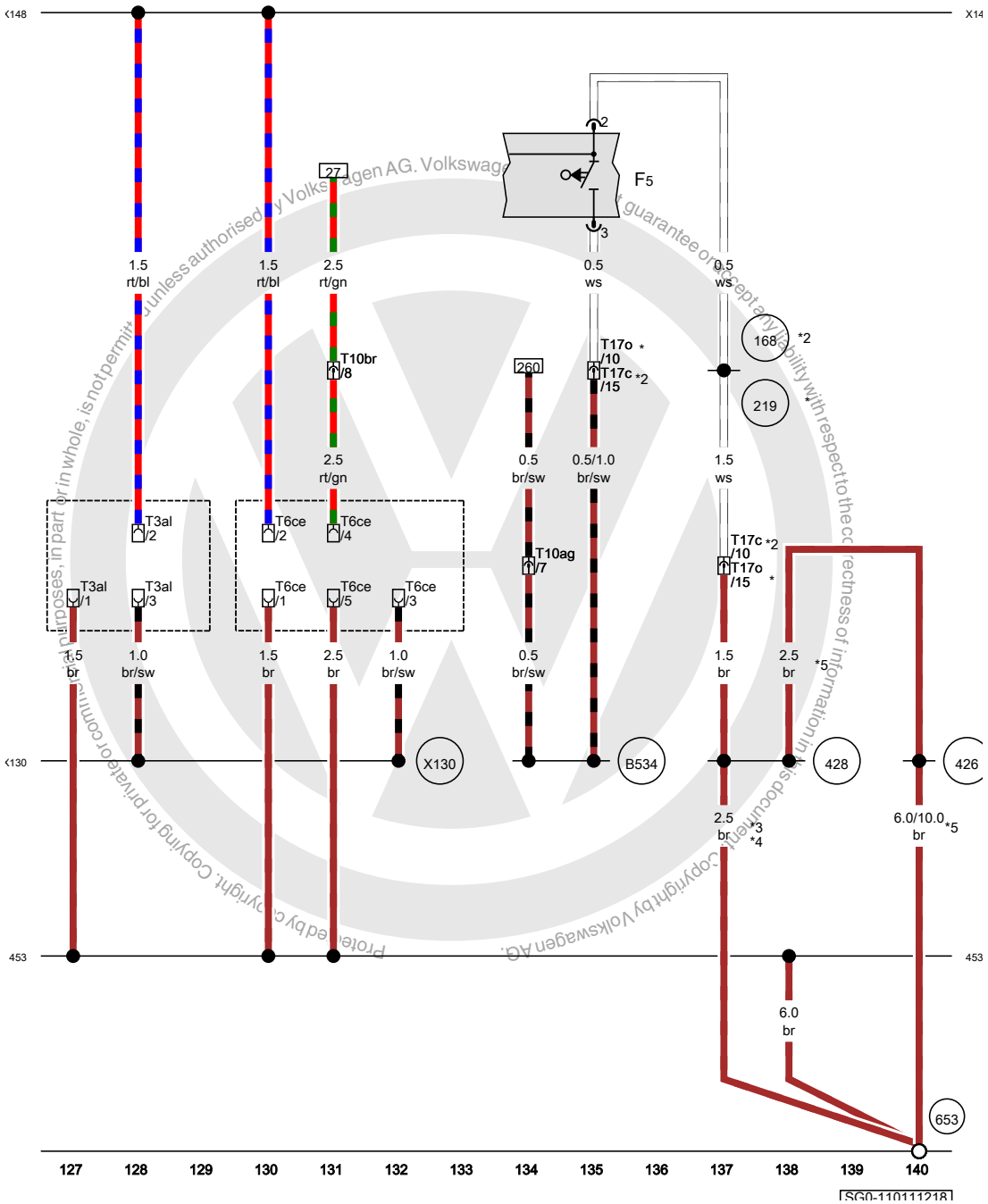

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ge	=	yellow
or	=	orange
rs	=	pink

Luggage compartment light switch, 3-pin connector, 6-pin connector

F5	Luggage compartment light switch
T3al	3-pin connector, black, Interface for rear interior light, under roof between left C-pillar and D-pillar
T6ce	6-pin connector, black, Interface for interior light/socket, on lower part of right D-pillar
T10ag	10-pin connector, brown, in left A-pillar coupling station
T10br	10-pin connector, blue, under driver seat
T17c	17-pin connector, black, behind lower section of left D-pillar trim
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
168	Earth connection, in rear left wing door wiring harness
219	Earth connection 2, in rear lid wiring harness
426	Earth connection 3, in left rear end wiring harness
428	Earth connection 4, in left rear end wiring harness
453	Earth connection 3, in optional equipment wiring harness
653	Earth point, on left D-pillar
B534	Connection 1 (luggage compartment switch), in roof wiring harness
X130	Connection 3, in optional equipment wiring harness
X148	Positive connection 7 (30), in optional equipment wiring harness
*	For models with rear lid
*2	For models with wing doors
*3	For models with no towing bracket
*4	For models with no heated rear window
*5	For models with trailer socket or heated rear window

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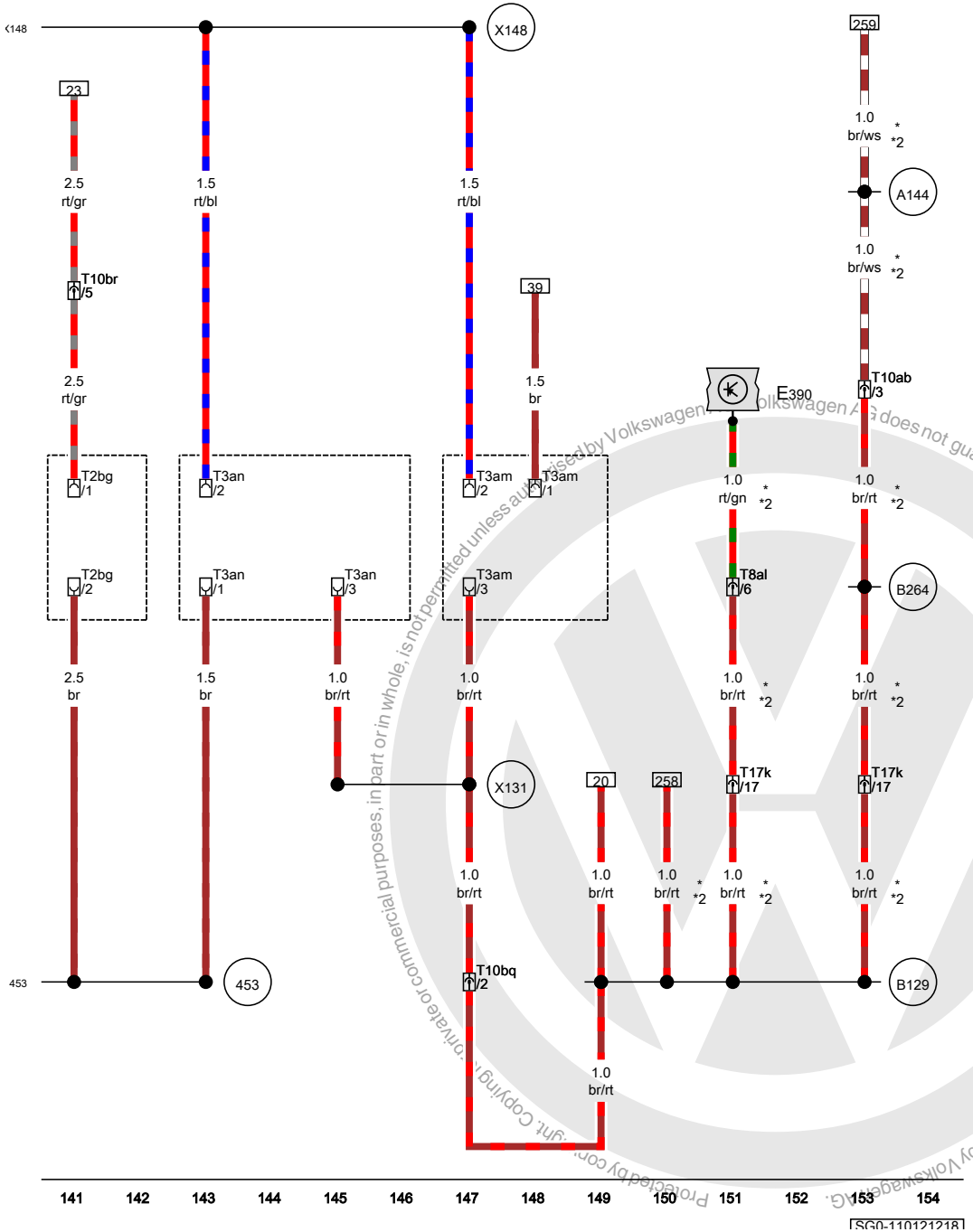

Interior lighting central switch button, 2-pin connector, 3-pin connector, 3-pin connector

E390	Interior lighting central switch button
T2bg	2-pin connector, black, Interface for rear left socket, on wheel housing
T3am	3-pin connector, black, Interface for interior light 1 on table, under roof between left B-pillar and C-pillar
T3an	3-pin connector, black, Interface for interior light 2 on table, under roof near left C-pillar
T8al	8-pin connector, black, near front interior light
T10ab	10-pin connector, white, in left A-pillar coupling station
T10bq	10-pin connector, orange, under driver seat
T10br	10-pin connector, blue, under driver seat
T17k	17-pin connector, green, in left A-pillar coupling station
453	Earth connection 3, in optional equipment wiring harness
A144	Connection (interior monitoring) in dash panel wiring harness
B129	Connection (interior light, 31l), in interior wiring harness
B264	Connection 1, in roof wiring harness
X131	Connection 4, in optional equipment wiring harness
X148	Positive connection 7 (30), in optional equipment wiring harness
*	According to equipment
*2	see applicable current flow diagram for interior lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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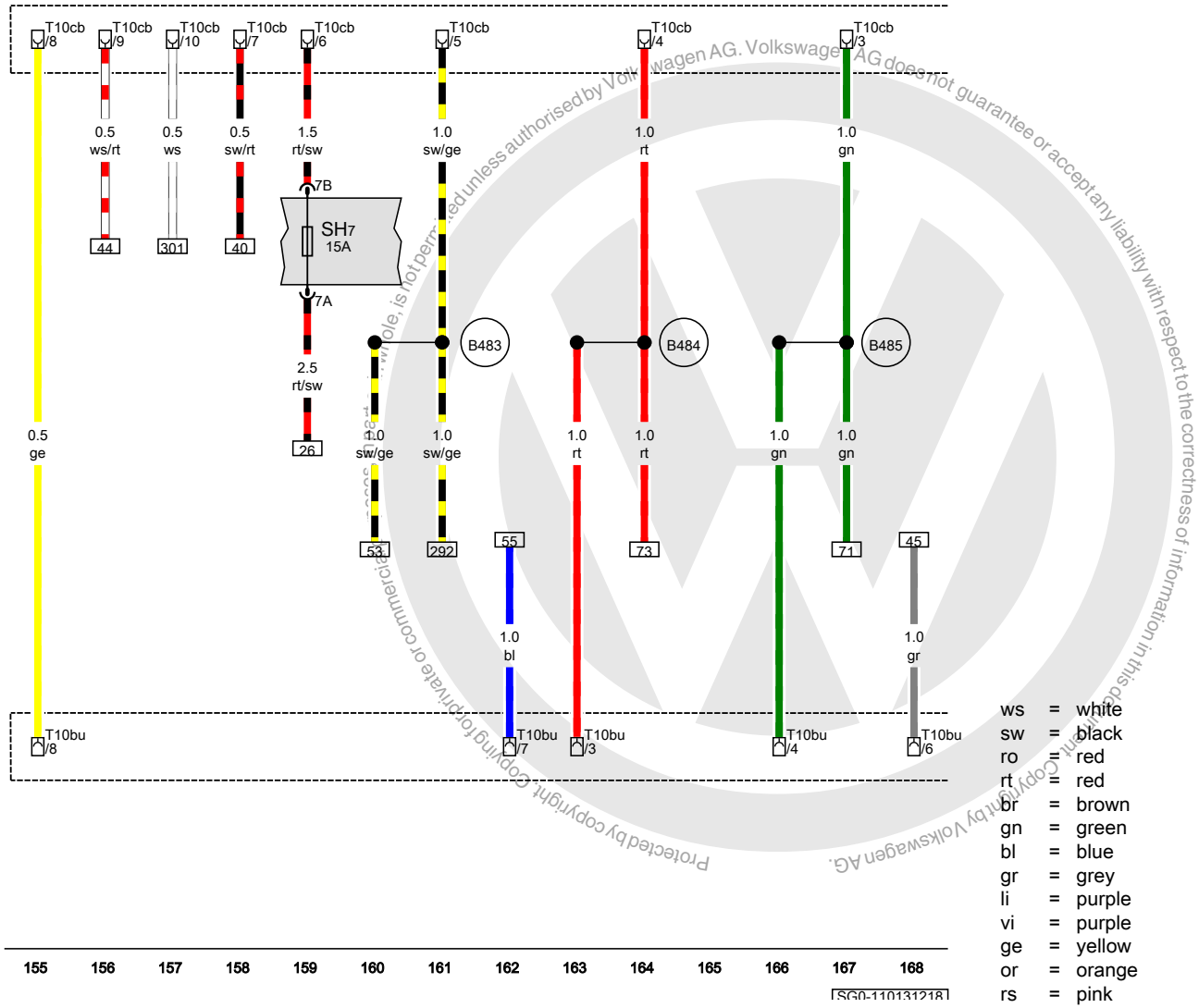
Fuse 7 in fuse holder H, 10-pin connector, 10-pin connector

SH7	Fuse 7 in fuse holder H
T10bu	10-pin connector, blue, Interface for electric torch, under driver seat
T10cb	10-pin connector, black, on operating unit for blue light signal system
B483	Connection 19, in main wiring harness
B484	Connection 20, in main wiring harness
B485	Connection 21, in main wiring harness



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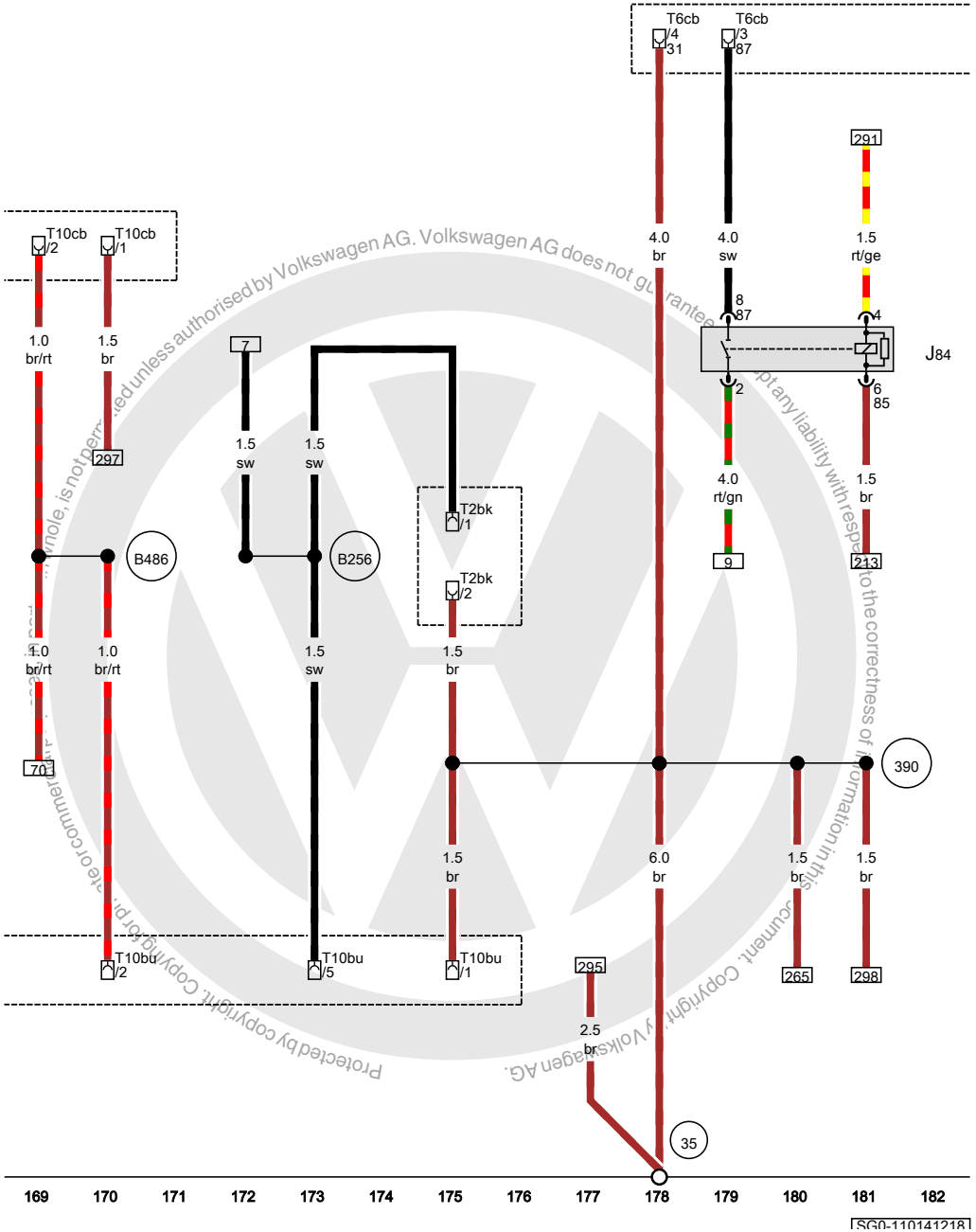

Two-way radio voltage relay, 2-pin connector, 6-pin connector, 10-pin connector, 10-pin connector

J84	Two-way radio voltage relay
T2bk	2-pin connector, black, Interface for hand-held 2-way radio, under front passenger seat
T6cb	6-pin connector, black, Interface for 2-way radio, under front passenger seat
T10bu	10-pin connector, blue, Interface for electric torch, under driver seat
T10cb	10-pin connector, black, on operating unit for blue light signal system
35	Earth point, under front passenger seat
390	Earth connection 25, in main wiring harness
B256	Positive connection (75x, police), in interior wiring harness
B486	Connection 22, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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or	=	orange
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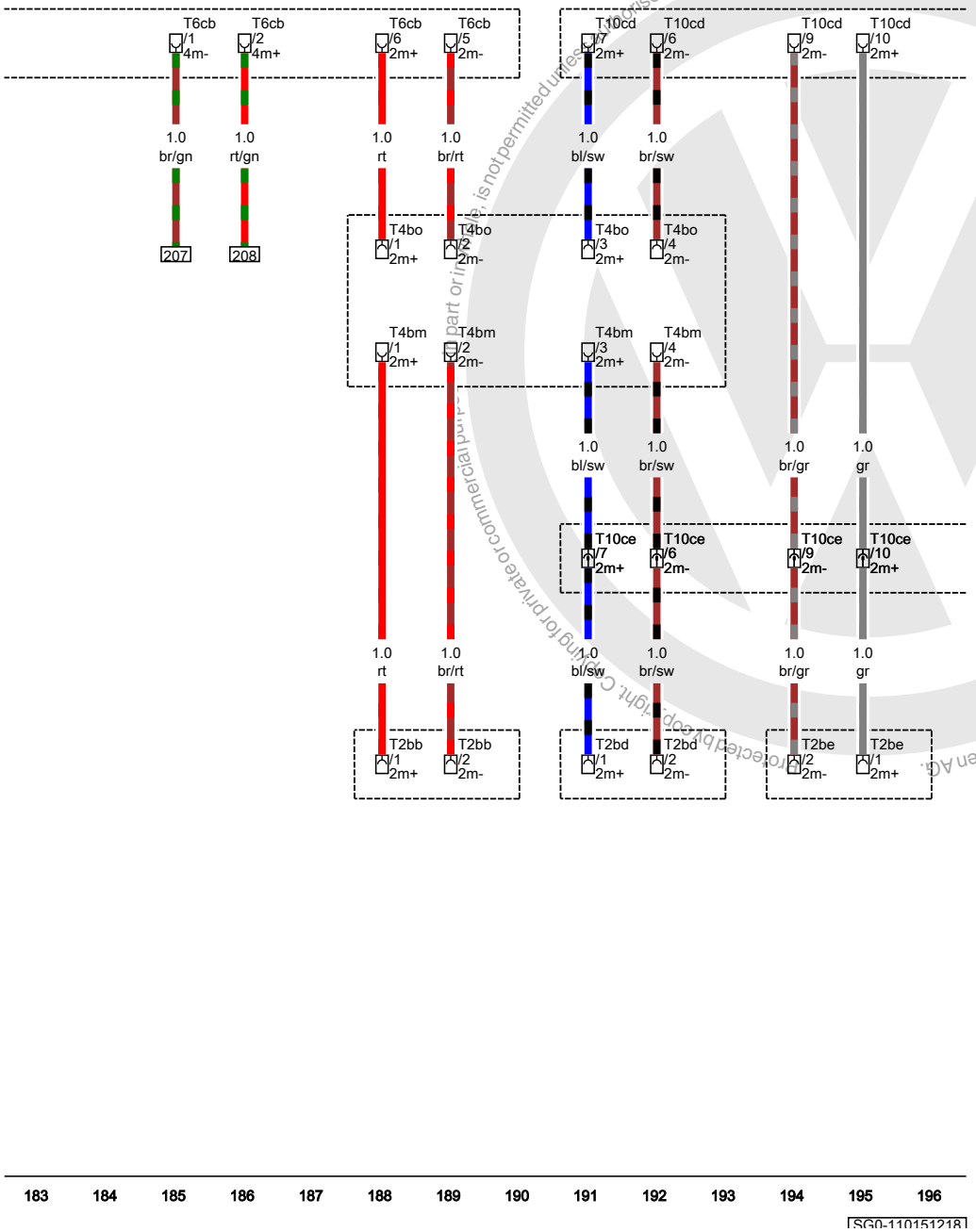

2-pin connector, 4-pin connector, 6-pin connector, 10-pin connector, 10-pin connector

T2bb	2-pin connector, black, Interface for front loudspeaker, on left in dash panel
T2bd	2-pin connector, black, Interface for centre loudspeaker, under roof near left B-pillar
T2be	2-pin connector, black, Interface for rear loudspeaker, under roof between left B-pillar and C-pillar
T4bm	4-pin connector, black, behind glove compartment
T4bo	4-pin connector, black, behind glove compartment
T6cb	6-pin connector, black, Interface for 2-way radio, under front passenger seat
T10cd	10-pin connector, dark brown, Interface for 2-way radio loudspeaker, under front passenger seat
T10ce	10-pin connector, orange, Interface for 2-way radio loudspeaker, under driver seat

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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ge	=	yellow
or	=	orange
rs	=	pink

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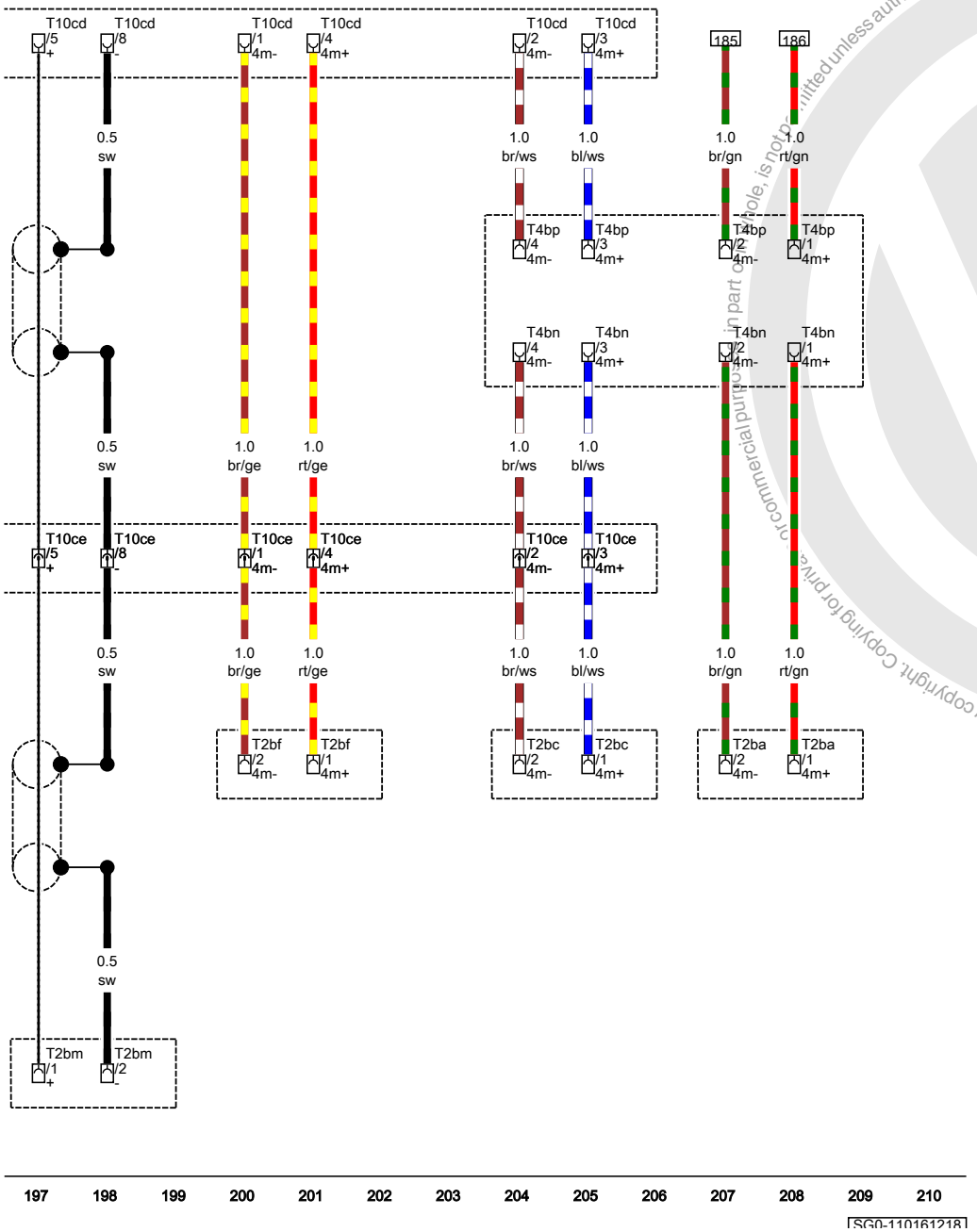

2-pin connector, 4-pin connector, 10-pin connector, 10-pin connector

T2ba	2-pin connector, black, Interface for front loudspeaker, on right in dash panel
T2bc	2-pin connector, black, Interface for centre loudspeaker, under roof near right B-pillar
T2bf	2-pin connector, black, Interface for rear loudspeaker, under roof between right B-pillar and C-pillar
T2bm	2-pin connector, black, Interface for microphone, on interior light
T4bn	4-pin connector, black, behind glove compartment
T4bp	4-pin connector, black, behind glove compartment
T10cd	10-pin connector, dark brown, Interface for 2-way radio loudspeaker, under front passenger seat
T10ce	10-pin connector, orange, Interface for 2-way radio loudspeaker, under driver seat

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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rs	=	pink

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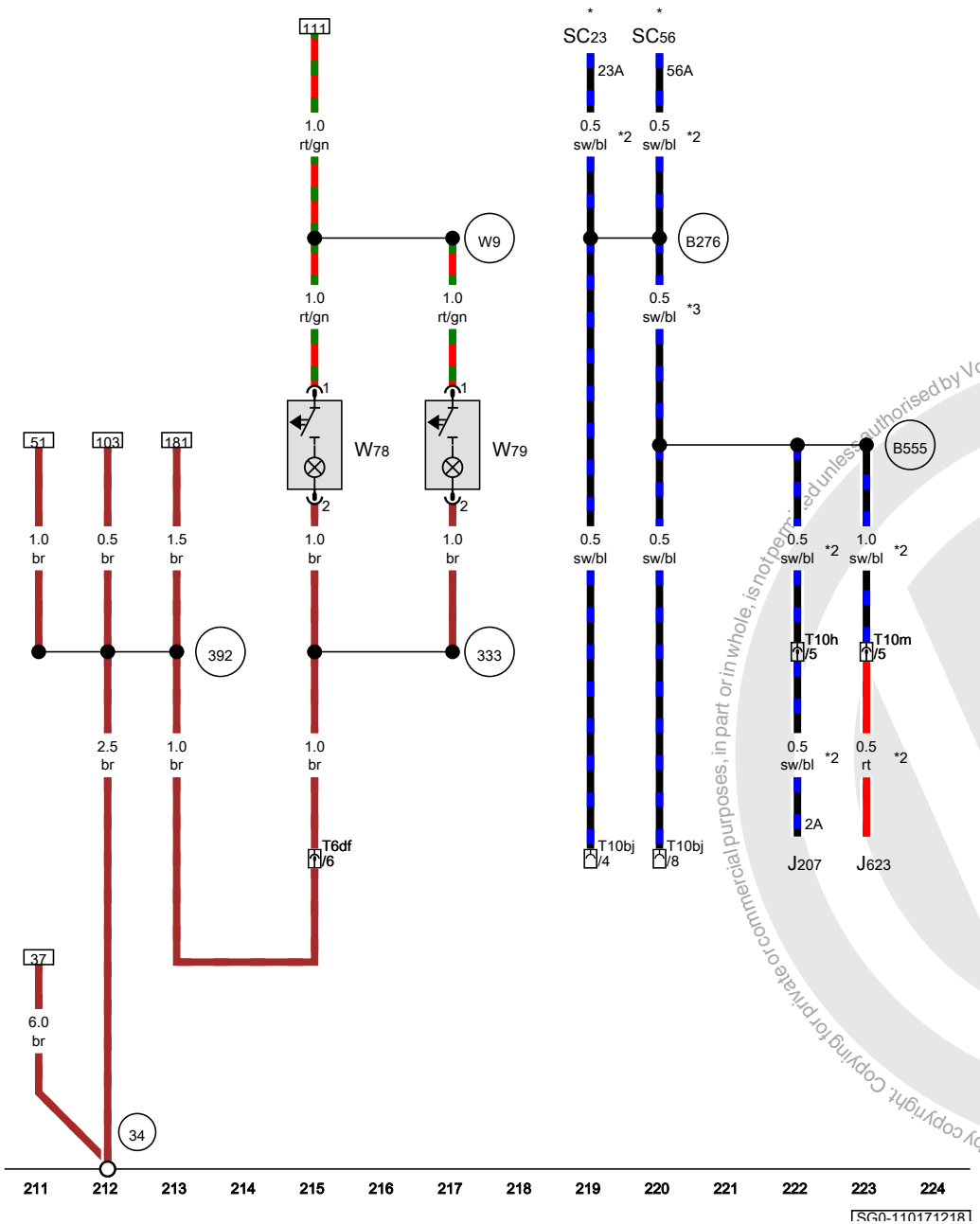
Starter inhibitor relay, Engine/motor control unit, Fuse 23 on fuse holder C, Fuse 56 on fuse holder C, 10-pin connector, Rear left reading light 2, Rear right reading light 2



J207	Starter inhibitor relay
J623	Engine/motor control unit, in E-box
SC23	Fuse 23 on fuse holder C
SC56	Fuse 56 on fuse holder C
T6df	6-pin connector, grey, under driver seat
T10bj	10-pin connector, yellow, under driver seat
T10h	10-pin connector, orange, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
W78	Rear left reading light 2, near left B-pillar
W79	Rear right reading light 2, near right B-pillar
34	Earth point, under driver seat
333	Earth connection 5, in rear wiring harness
392	Earth connection 27, in main wiring harness
B276	Positive connection (50), in main wiring harness
B555	Positive connection 2 (50), in main wiring harness
W9	Positive connection 1 (30), in rear wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for engine
*3	Wire could be cut by special vehicle manufacturer

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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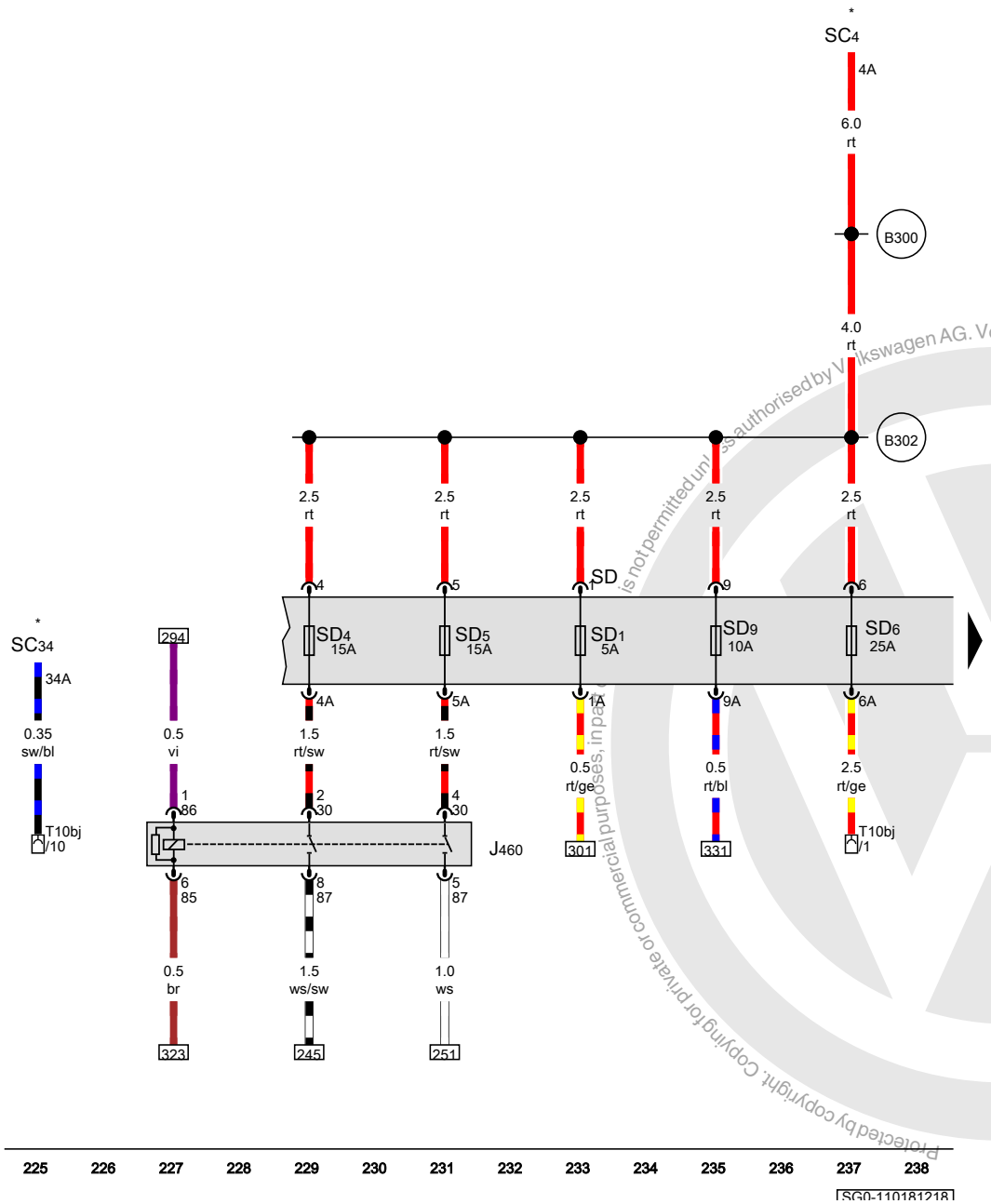
Alarm system relay 1, Fuse holder D, 10-pin connector

J460	Alarm system relay 1
SD1	Fuse 1 on fuse holder D
SC4	Fuse 4 on fuse holder C
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
SD6	Fuse 6 on fuse holder D
SD9	Fuse 9 on fuse holder D
SC34	Fuse 34 on fuse holder C
SD	Fuse holder D
T10bj	10-pin connector, yellow, under driver seat
B300	Positive connection 4 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
*	see applicable current flow diagram for fuse assignment



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br	=	brown
gn	=	green
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li	=	purple
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ge	=	yellow
or	=	orange
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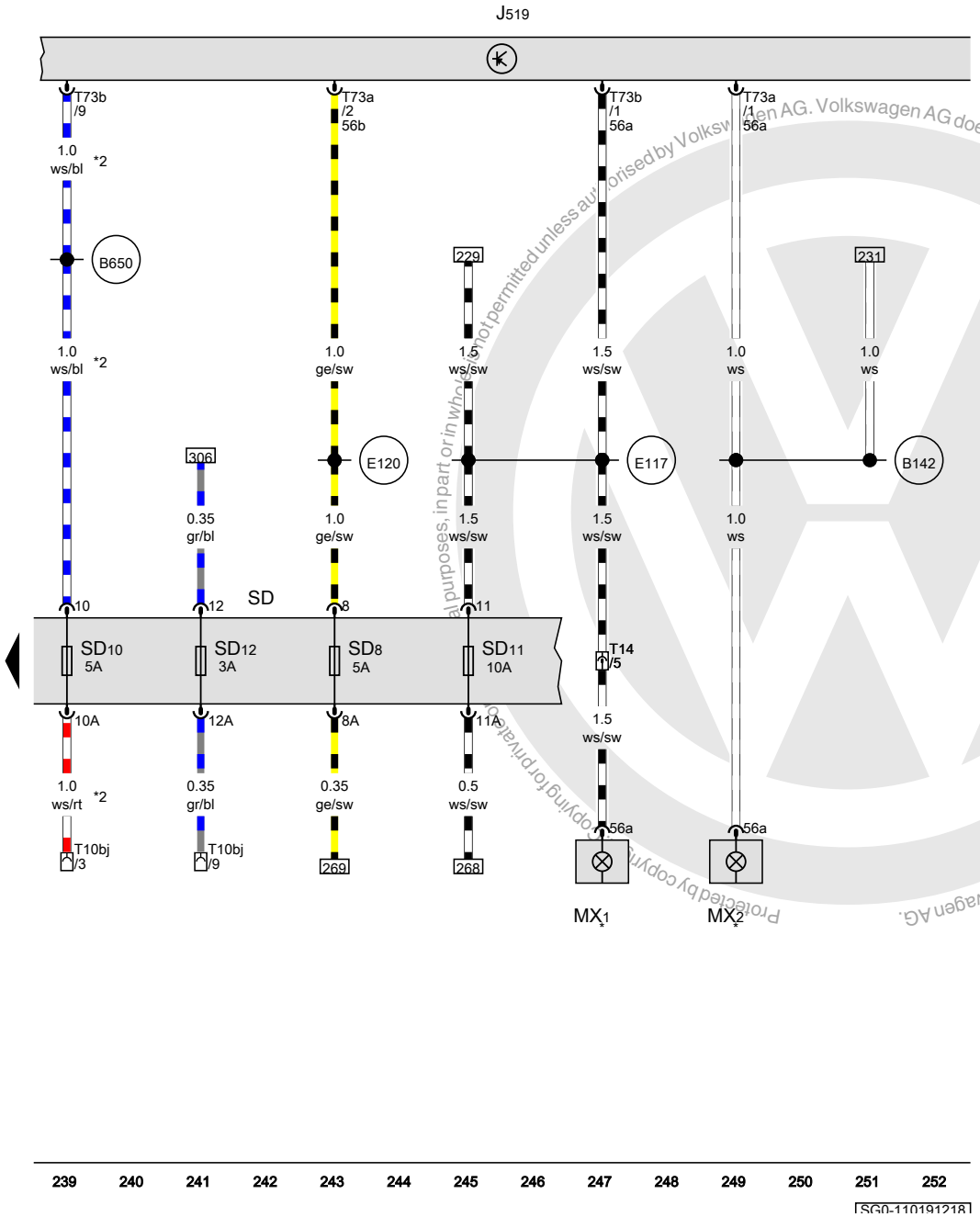

Onboard supply control unit, Fuse holder D, 10-pin connector

J519	Onboard supply control unit
MX1	Front left headlight
MX2	Front right headlight
SD	Fuse holder D
SD8	Fuse 8 on fuse holder D
SD10	Fuse 10 on fuse holder D
SD11	Fuse 11 on fuse holder D
SD12	Fuse 12 on fuse holder D
T10bj	10-pin connector, yellow, under driver seat
T14	14-pin connector, black, near horn, dual tone horn
T73a	73-pin connector, black
T73b	73-pin connector, white
B142	Positive connection 2 (56a), in interior wiring harness
B650	Connection 8, in interior wiring harness
E117	Connection (56a, left), in dash panel wiring harness
E120	Connection (56b, left), in dash panel wiring harness
*	see applicable current flow diagram for headlights
*2	For models with fog lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
rs	=	pink

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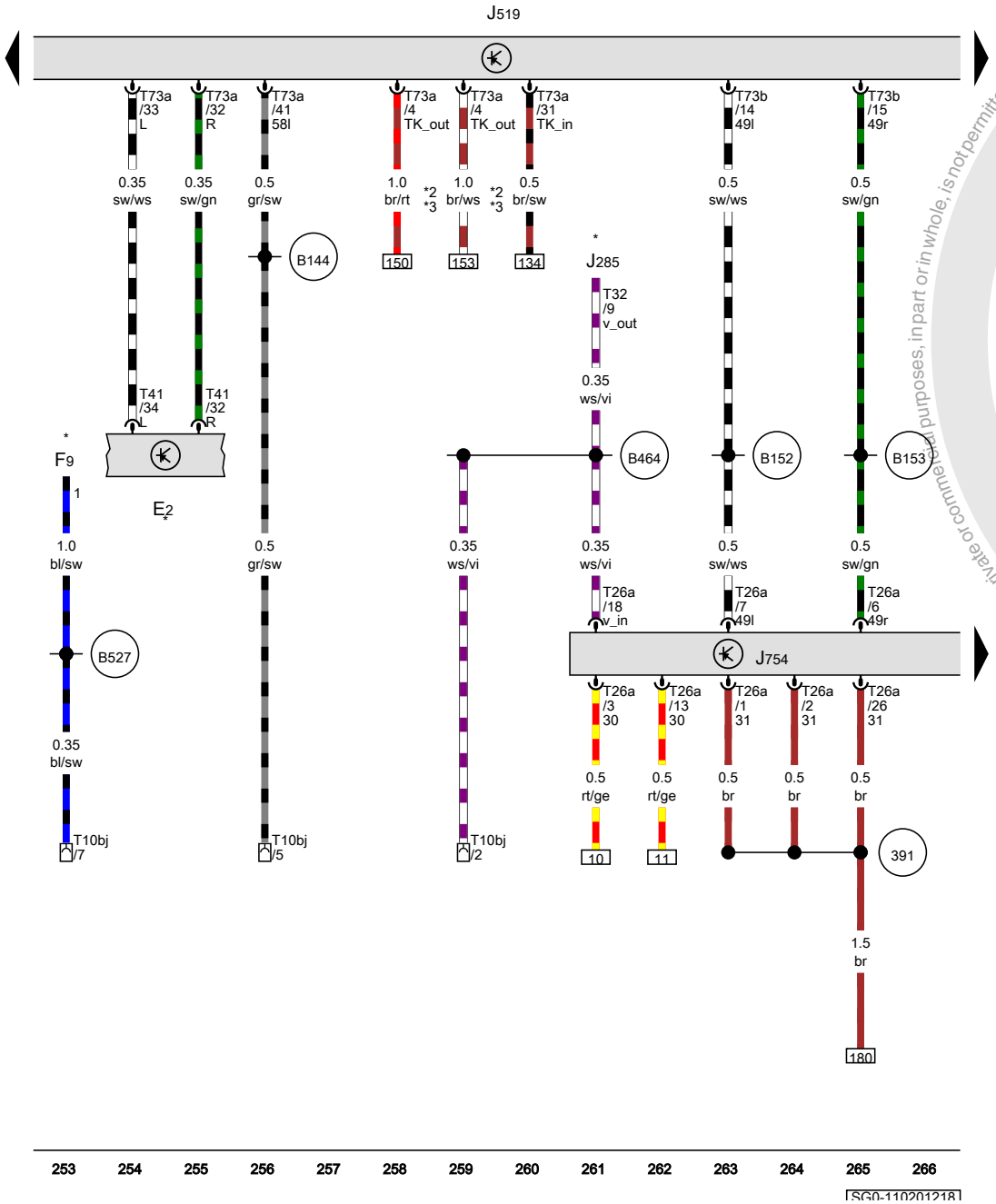
Turn signal switch, Onboard supply control unit, Accident data memory, 10-pin connector



E2	Turn signal switch
F9	Handbrake warning switch
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J754	Accident data memory, under front passenger seat
T10bj	10-pin connector, yellow, under driver seat
T26a	26-pin connector, black
T32	32-pin connector, blue
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
391	Earth connection 26, in main wiring harness
B144	Positive connection (58L), in interior wiring harness
B152	Connection (LTS), in interior wiring harness
B153	Connection (RTS), in interior wiring harness
B464	Connection (speed signal), in main wiring harness
B527	Connection (handbrake), in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	According to equipment
*3	see applicable current flow diagram for interior lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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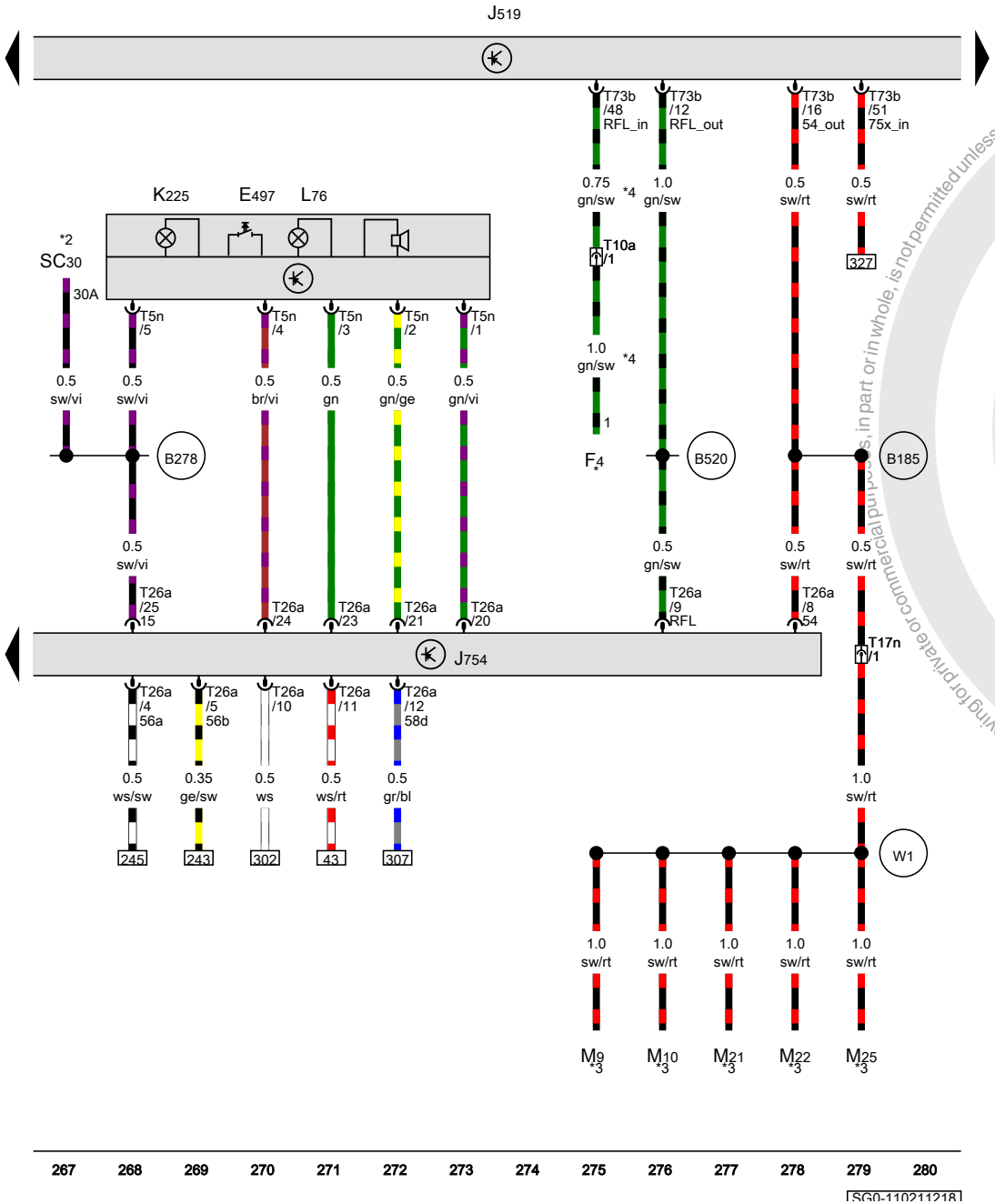
Accident data recorder button, Onboard supply control unit, Accident data memory



E497	Accident data recorder button
F4	Reversing light switch
J519	Onboard supply control unit
J754	Accident data memory, under front passenger seat
K225	Accident recorder warning lamp
L76	Button illumination bulb
M9	Left brake light bulb
M10	Right brake light bulb
M21	Left brake and tail light bulb
M22	Right brake and tail light bulb
M25	High-level brake light bulb
SC30	Fuse 30 on fuse holder C
T5n	5-pin connector, black
T10a	10-pin connector, brown, in E-box in engine compartment
T17n	17-pin connector, light green, under driver seat
T26a	26-pin connector, black
T73b	73-pin connector, white
B185	Connection 2 (54), in interior wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B520	Connection (RL), in main wiring harness
W1	Positive connection 1 (54), in rear wiring harness
*	see applicable current flow diagram for engine
*2	see applicable current flow diagram for fuse assignment
*3	see applicable current flow diagram for tail light clusters
*4	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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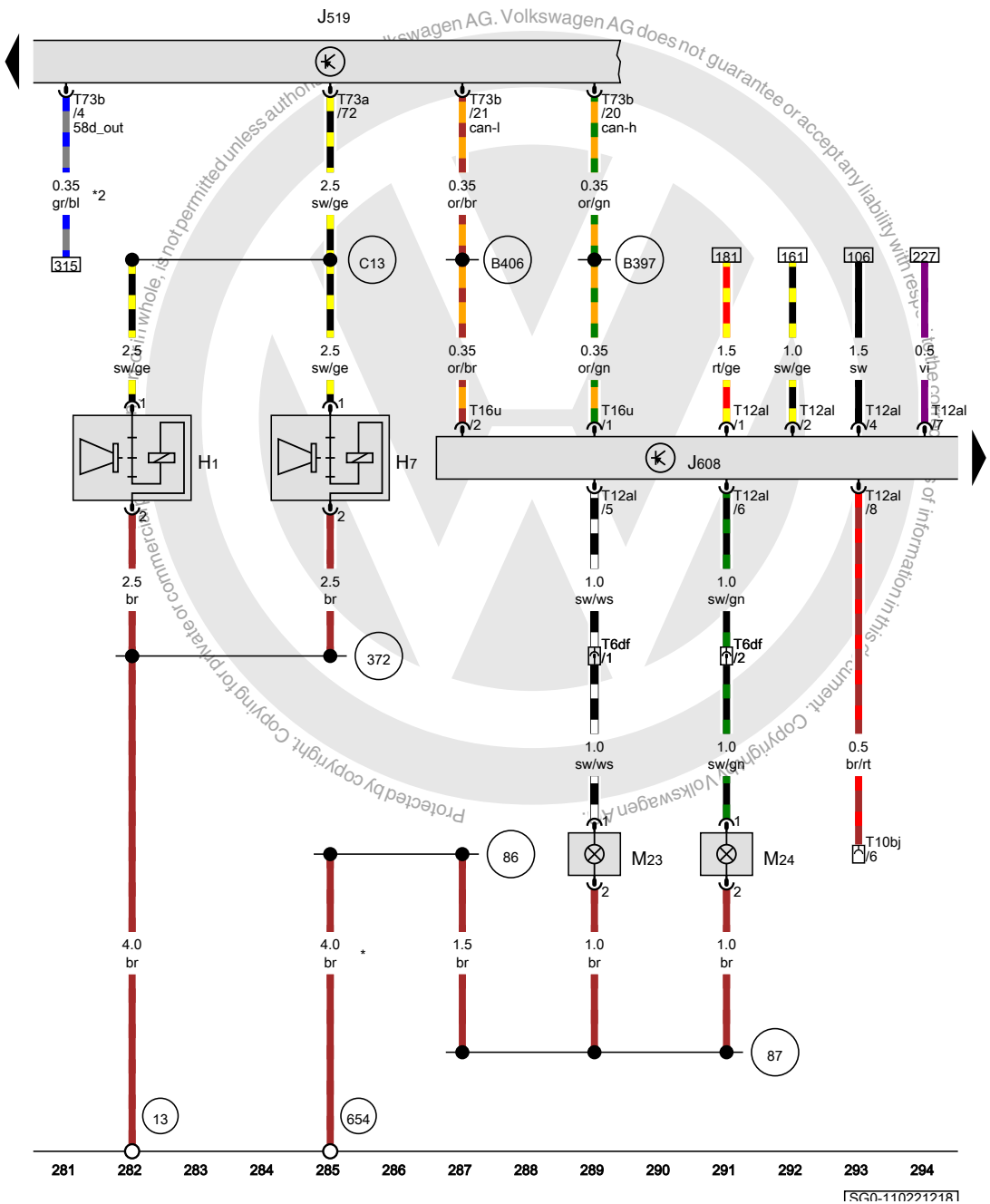

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Horn or dual tone horn, Bass horn, Onboard supply control unit, Special vehicle control unit, Left roof mounted turn signal bulb, Right roof mounted turn signal bulb, 10-pin connector

H1	Horn or dual tone horn
H7	Bass horn
J519	Onboard supply control unit
J608	Special vehicle control unit, under front passenger seat
M23	Left roof mounted turn signal bulb
M24	Right roof mounted turn signal bulb
T6df	6-pin connector, grey, under driver seat
T10bj	10-pin connector, yellow, under driver seat
T12al	12-pin connector, black
T16u	16-pin connector, brown
T73a	73-pin connector, black
T73b	73-pin connector, white
13	Earth point, on right in engine compartment
86	Earth connection 1, in rear wiring harness
87	Earth connection 2, in rear wiring harness
372	Earth connection 7, in main wiring harness
654	Earth point, on right D-pillar
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
C13	Positive connection in dual tone horn wiring harness
*	Cross-section 6.0 possible
*2	For models with no dimmable instrument illumination

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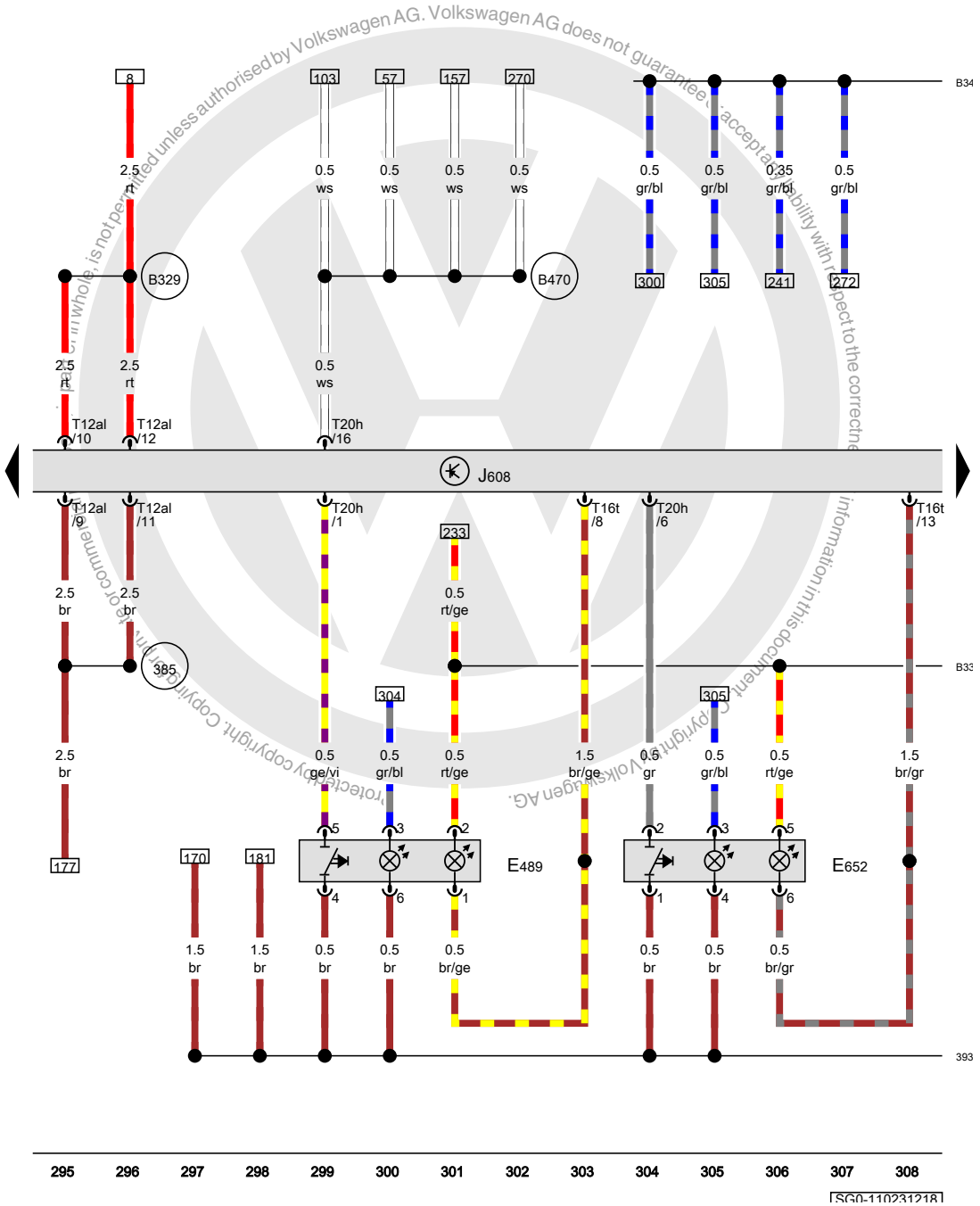

Ignition bypass button, Button for daytime running light switch-off, Special vehicle control unit

E489	Ignition bypass button
E652	Button for daytime running light switch-off
J608	Special vehicle control unit, under front passenger seat
T12al	12-pin connector, black
T16t	16-pin connector, black
T20h	20-pin connector, red
385	Earth connection 20, in main wiring harness
393	Earth connection 28, in main wiring harness
B329	Positive connection 15 (30a) in main wiring harness
B332	Positive connection 18 (30a) in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B470	Connection 6, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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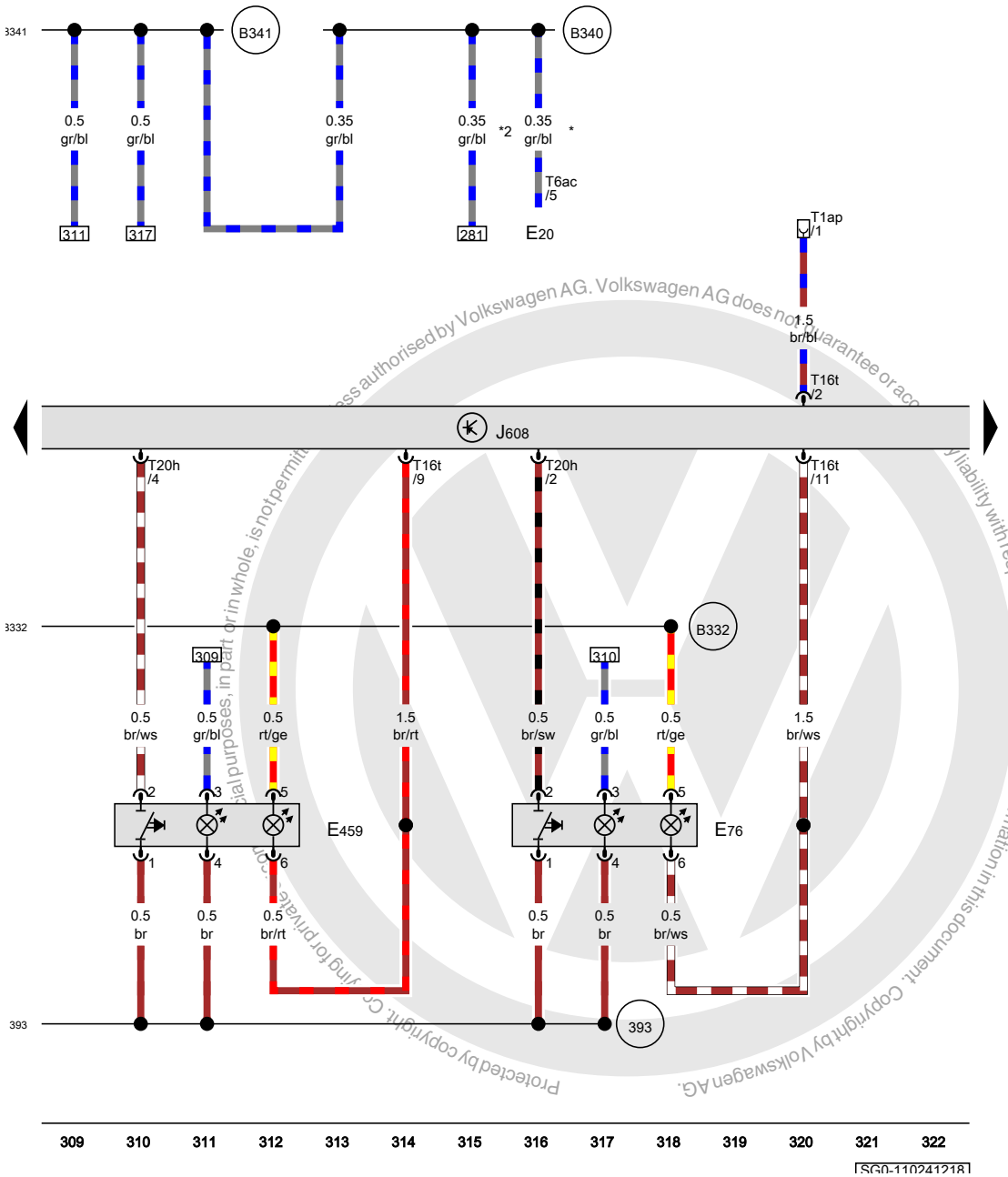

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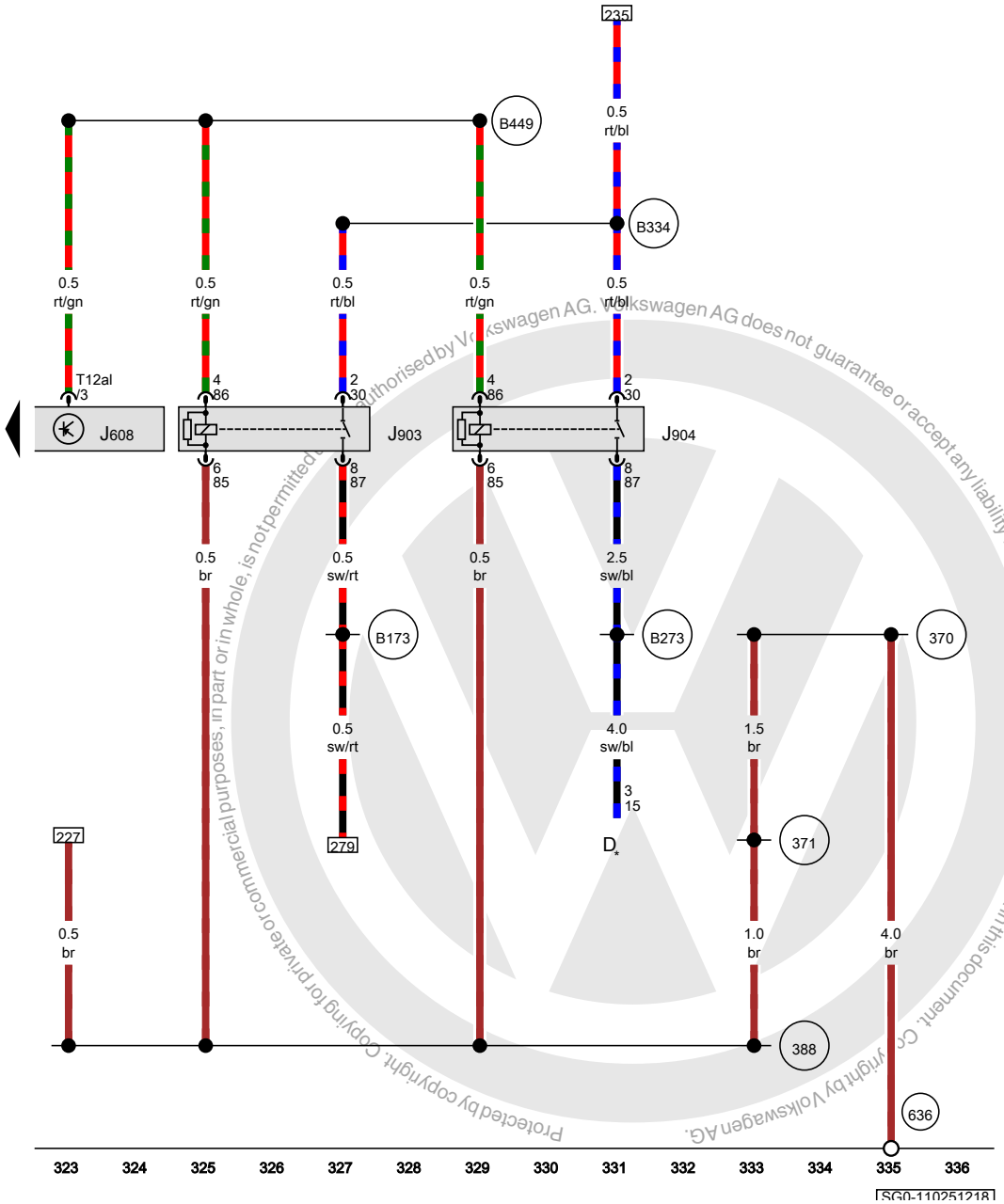
Two-way radio button, Front interior light (door contact) button, Special vehicle control unit

E20	Switch and instrument illumination regulator
E76	Two-way radio button
E459	Front interior light (door contact) button
J608	Special vehicle control unit, under front passenger seat
T1ap	1-pin connector, black, under front passenger seat
T6ac	6-pin connector, black
T16t	16-pin connector, black
T20h	20-pin connector, red
393	Earth connection 28, in main wiring harness
B332	Positive connection 18 (30a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
*	For models with dimmable instrument illumination
*2	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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Special vehicle control unit, Relay 1 for ignition bypass, Relay 2 for ignition bypass

D	Ignition/starter switch
J608	Special vehicle control unit, under front passenger seat
J903	Relay 1 for ignition bypass
J904	Relay 2 for ignition bypass
T12al	12-pin connector, black
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
388	Earth connection 23, in main wiring harness
636	Earth point, onboard supply control unit
B173	Positive connection 2 (X), in interior wiring harness
B273	Positive connection (15), in main wiring harness
B334	Positive connection 20 (30a) in main wiring harness
B449	Connection (emergency running), in main wiring harness
*	see applicable current flow diagram for basic equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Special equipment, police , (IS5)

From June 2016

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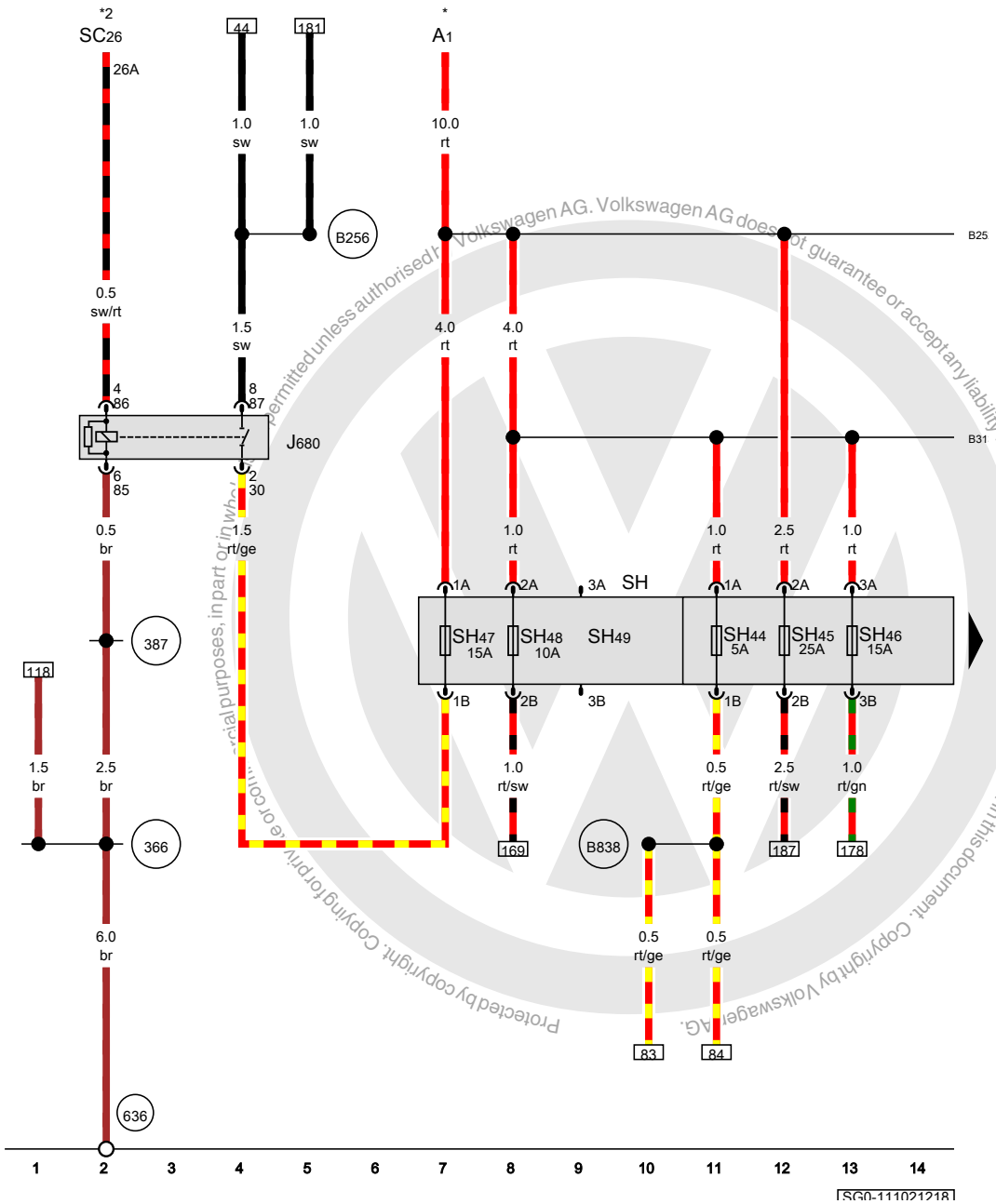
Second battery, Terminal 75 voltage supply relay 1, Fuse 26 on fuse holder C, Fuse holder H



A1	Second battery, black	
J680	Terminal 75 voltage supply relay 1	
SC26	Fuse 26 on fuse holder C	
SH	Fuse holder H	
SH44	Fuse 44 in fuse holder H	
SH45	Fuse 45 in fuse holder H	
SH46	Fuse 46 in fuse holder H	
SH47	Fuse 47 in fuse holder H	
SH48	Fuse 48 in fuse holder H	
SH49	Fuse 49 in fuse holder H	
366	Earth connection 1, in main wiring harness	
387	Earth connection 22, in main wiring harness	
636	Earth point, onboard supply control unit	
B252	Positive connection (30, police), in interior wiring harness	
B256	Positive connection (75x, police), in interior wiring harness	
B313	Positive connection 17 (30), in main wiring harness	
B838	Positive connection 19 (30), in main wiring harness	
*	see applicable current flow diagram for battery	
*2	see applicable current flow diagram for fuse assignment	

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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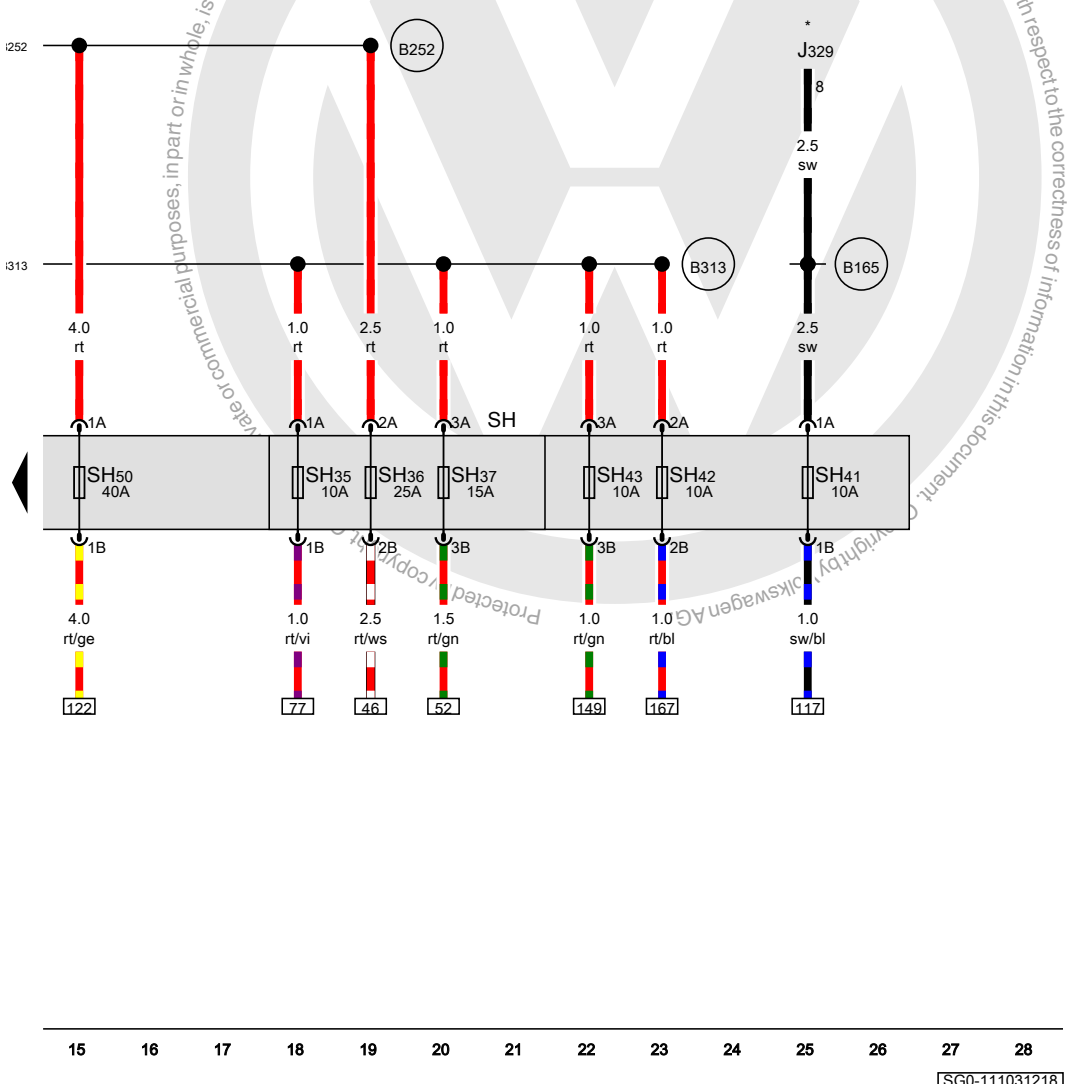

Terminal 15 voltage supply relay, Fuse holder H

J329	Terminal 15 voltage supply relay
SH	Fuse holder H
SH35	Fuse 35 in fuse holder H
SH36	Fuse 36 in fuse holder H
SH37	Fuse 37 in fuse holder H
SH41	Fuse 41 in fuse holder H
SH42	Fuse 42 in fuse holder H
SH43	Fuse 43 in fuse holder H
SH50	Fuse 50 in fuse holder H
B165	Positive connection 2 (15), in interior wiring harness
B252	Positive connection (30, police), in interior wiring harness
B313	Positive connection 17 (30), in main wiring harness
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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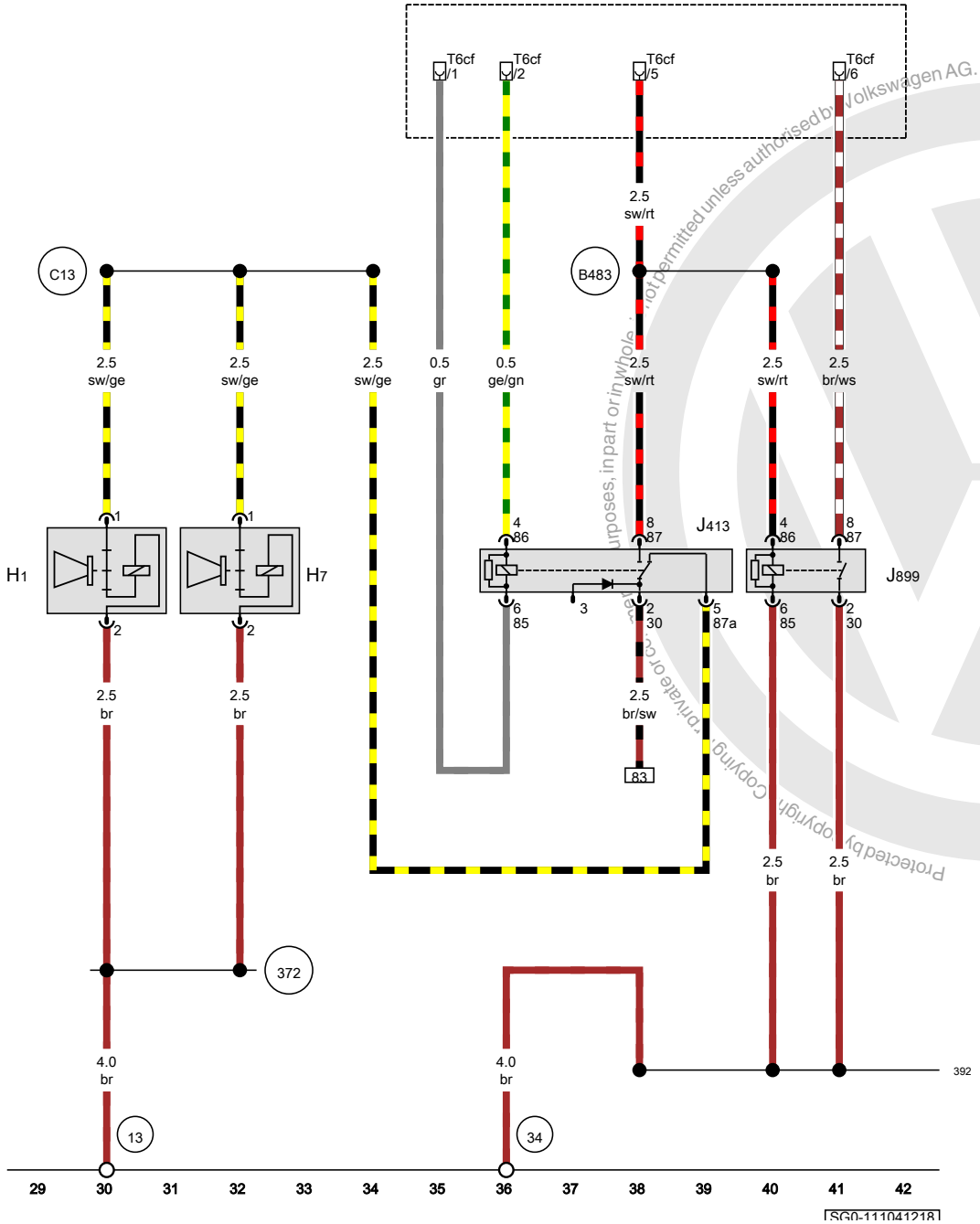
Horn or dual tone horn, Bass horn, Horn relay, Relay 2 for horn, 6-pin connector

H1	Horn or dual tone horn
H7	Bass horn
J413	Horn relay
J899	Relay 2 for horn, under seat on front left
T6cf	6-pin connector, white, Interface for signal system 4, under front passenger seat
13	Earth point, on right in engine compartment
34	Earth point, under driver seat
372	Earth connection 7, in main wiring harness
392	Earth connection 27, in main wiring harness
B483	Connection 19, in main wiring harness
C13	Positive connection in dual tone horn wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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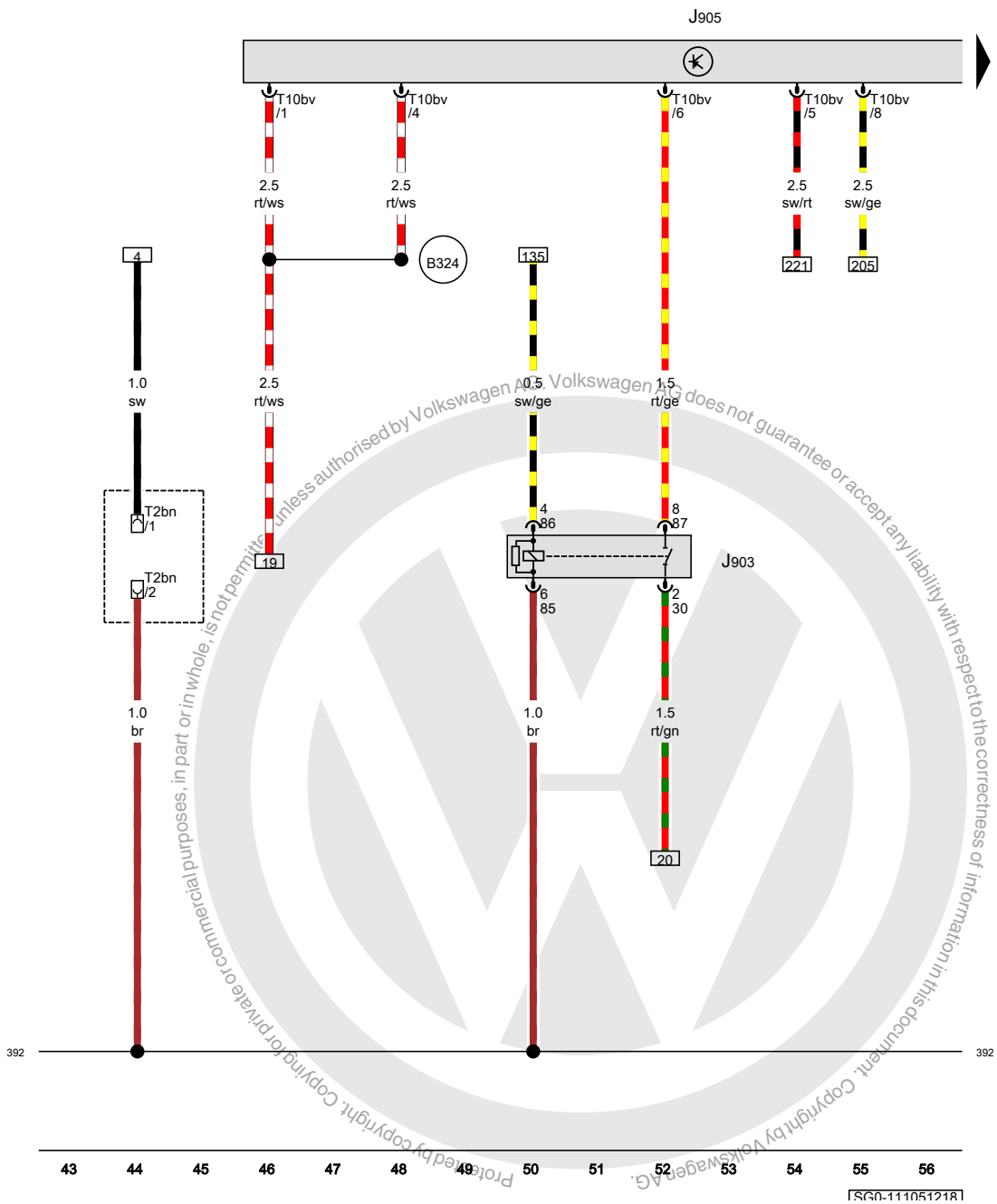

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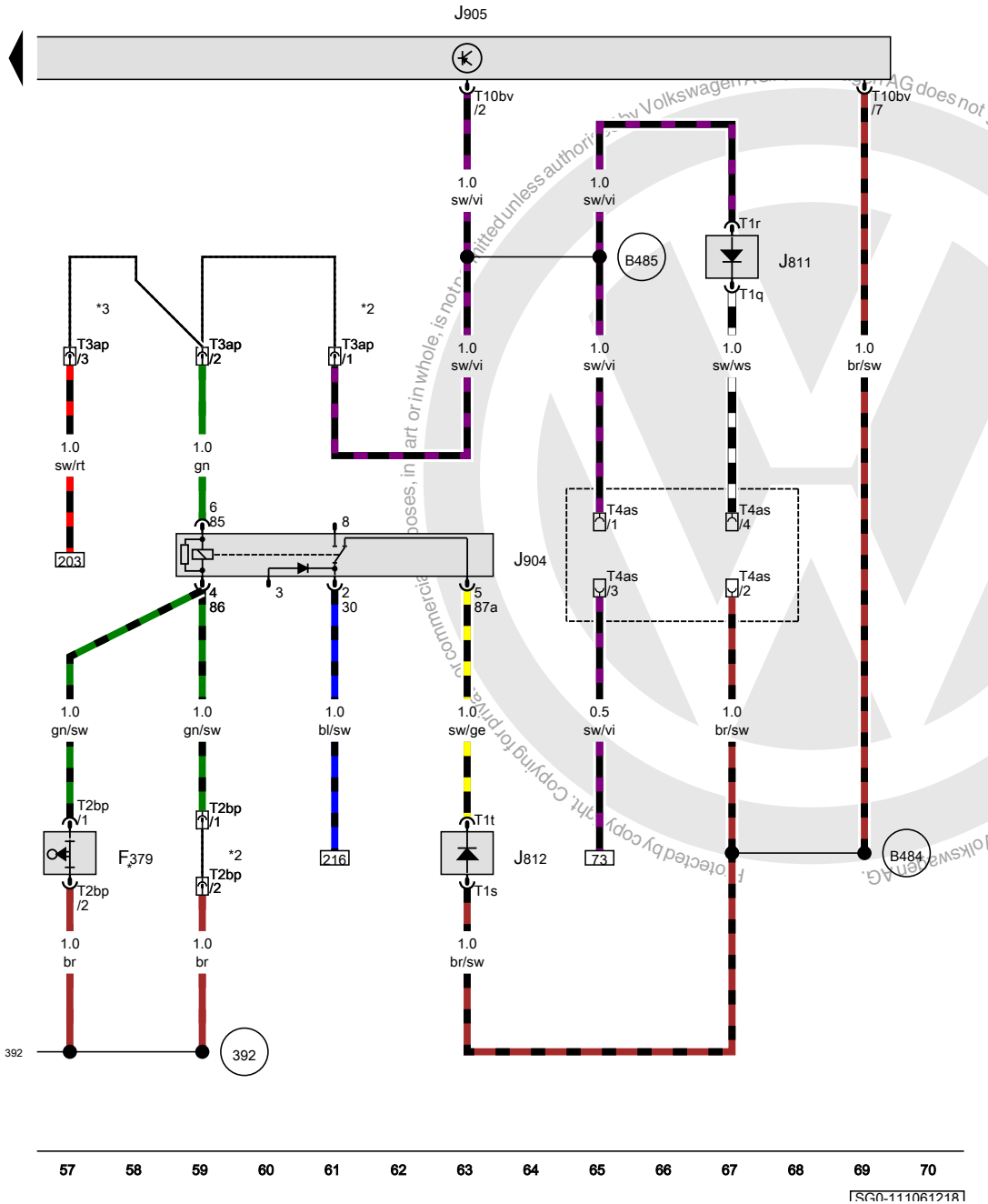
Relay 1 for ignition bypass, Control unit for ignition bypass, 2-pin connector

J903	Relay 1 for ignition bypass, under seat on front left
J905	Control unit for ignition bypass, under seat on front left
T2bn	2-pin connector, black, Interface for electric torch, under driver seat
T10bv	10-pin connector, pink
392	Earth connection 27, in main wiring harness
B324	Positive connection 10 (30a) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Clutch pedal switch 2, Blocking diode 3, Relay 2 for ignition bypass, Control unit for ignition bypass, 4-pin connector



F379	Clutch pedal switch 2
J811	Blocking diode 2, in console
J812	Blocking diode 3, under seat on front left
J904	Relay 2 for ignition bypass
J905	Control unit for ignition bypass, under seat on front left
T1q	1-pin connector, yellow
T1r	1-pin connector, yellow
T1s	1-pin connector, yellow
T1t	1-pin connector, yellow
T2bp	2-pin connector, black, Interface for clutch pedal switch
T3ap	3-pin connector, black, Push-in bridge for automatic gearbox/ manual gearbox
T4as	4-pin connector, black, Interface for ignition bypass button
T10bv	10-pin connector, pink
392	Earth connection 27, in main wiring harness
B484	Connection 20, in main wiring harness
B485	Connection 21, in main wiring harness
*	For models with manual gearbox
*2	Push-in bridge for automatic gearbox
*3	Push-in bridge for manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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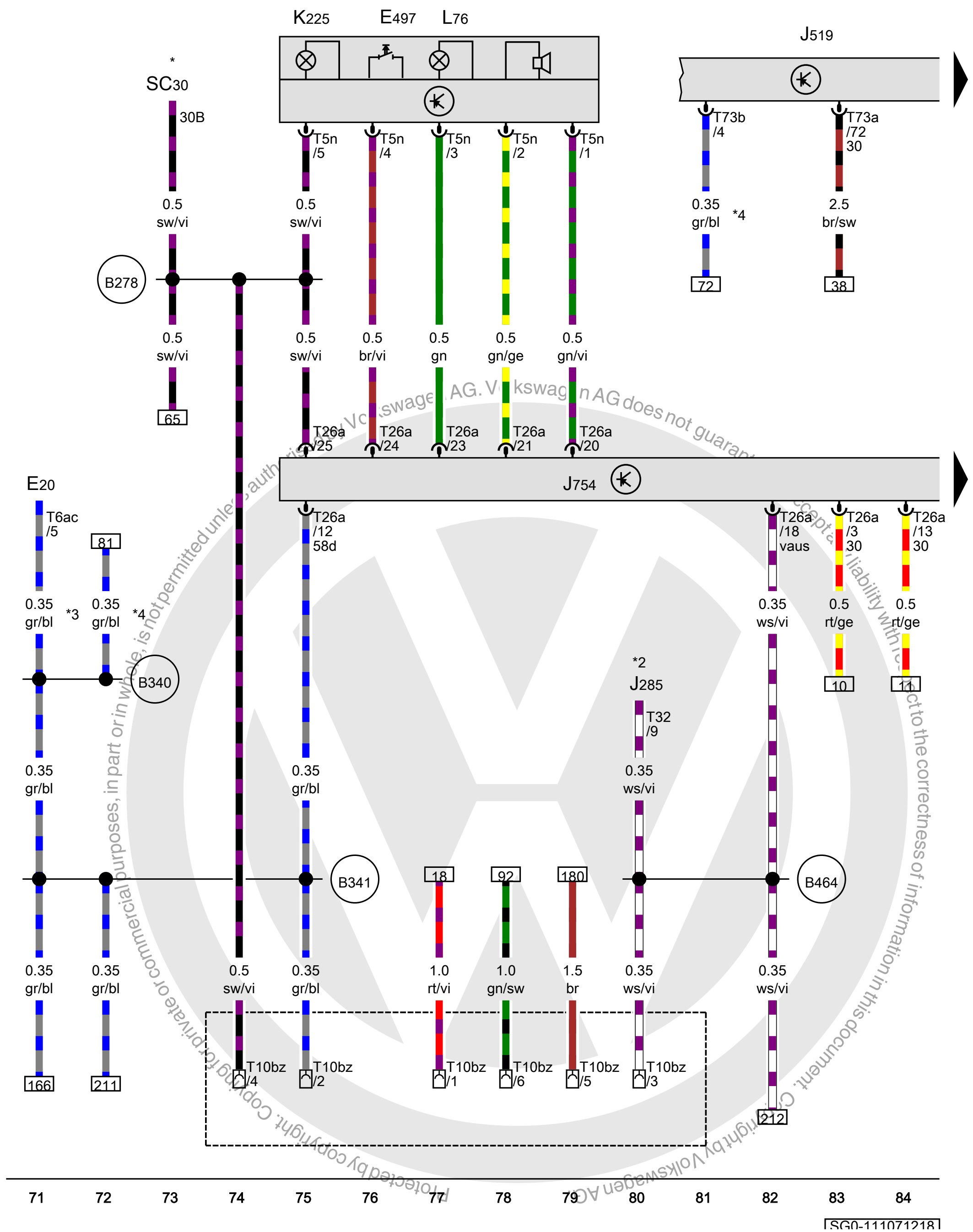
Accident data recorder button, Onboard supply control unit, Accident data memory



E20	Switch and instrument illumination regulator
E497	Accident data recorder button
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J754	Accident data memory, under front passenger seat
K225	Accident recorder warning lamp
L76	Button illumination bulb
SC30	Fuse 30 on fuse holder C
T5n	5-pin connector, black
T6ac	6-pin connector, black
T10bz	10-pin connector, green, under front passenger seat
T26a	26-pin connector, black
T32	32-pin connector, blue
T73a	73-pin connector, black
T73b	73-pin connector, white
B278	Positive connection 2 (15a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B464	Connection (speed signal), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for basic equipment
*3	For models with dimmable instrument illumination
*4	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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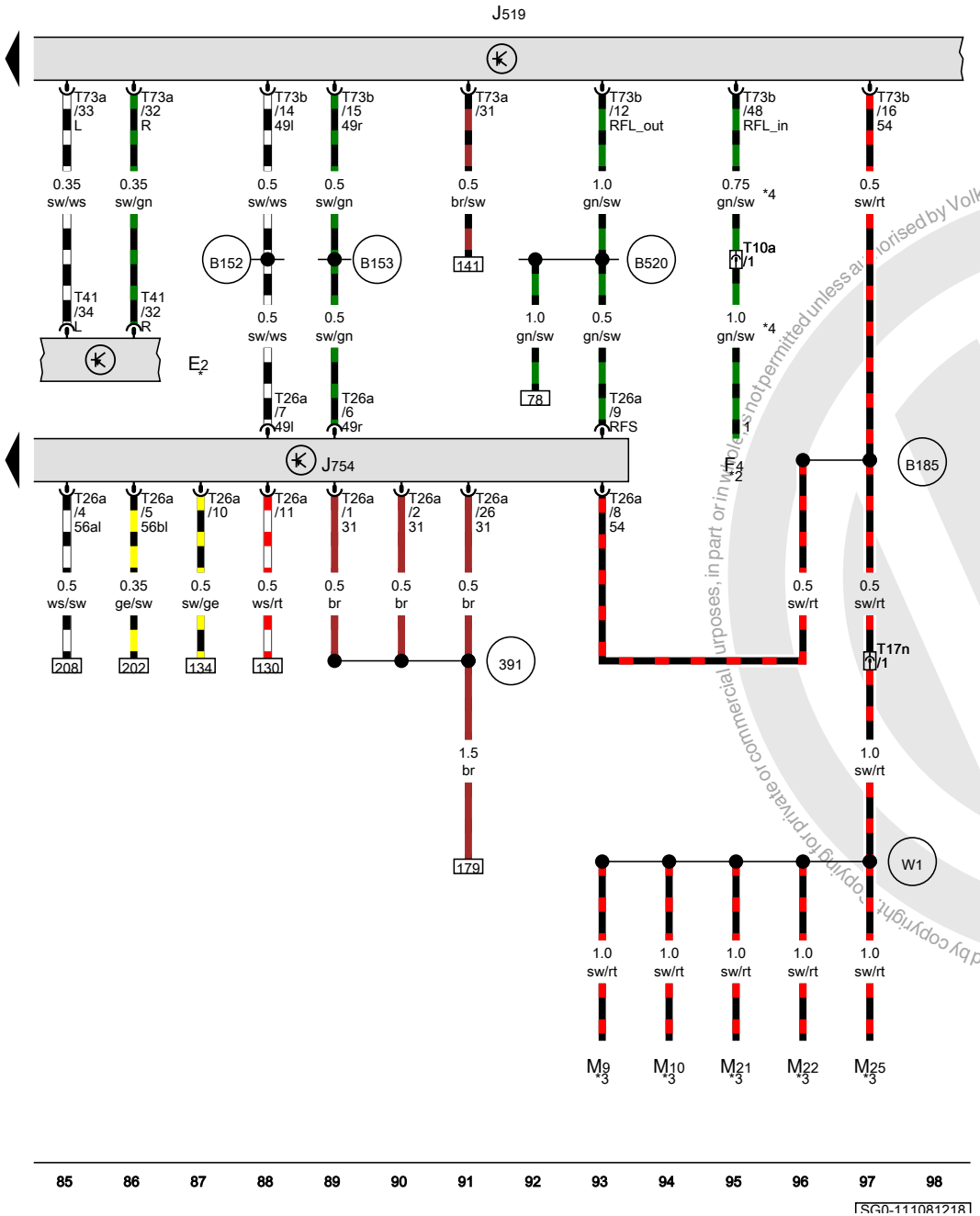

Turn signal switch, Onboard supply control unit, Accident data memory

E2	Turn signal switch
F4	Reversing light switch
J519	Onboard supply control unit
J754	Accident data memory, under front passenger seat
M9	Left brake light bulb
M10	Right brake light bulb
M21	Left brake and tail light bulb
M22	Right brake and tail light bulb
M25	High-level brake light bulb
T10a	10-pin connector, brown, in E-box in engine compartment
T17n	17-pin connector, light green, under driver seat
T26a	26-pin connector, black
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
391	Earth connection 26, in main wiring harness
B152	Connection (LTS), in interior wiring harness
B153	Connection (RTS), in interior wiring harness
B185	Connection 2 (54), in interior wiring harness
B520	Connection (RL), in main wiring harness
W1	Positive connection 1 (54), in rear wiring harness
*	see applicable current flow diagram for basic equipment
*2	see applicable current flow diagram for engine
*3	see applicable current flow diagram for tail light clusters
*4	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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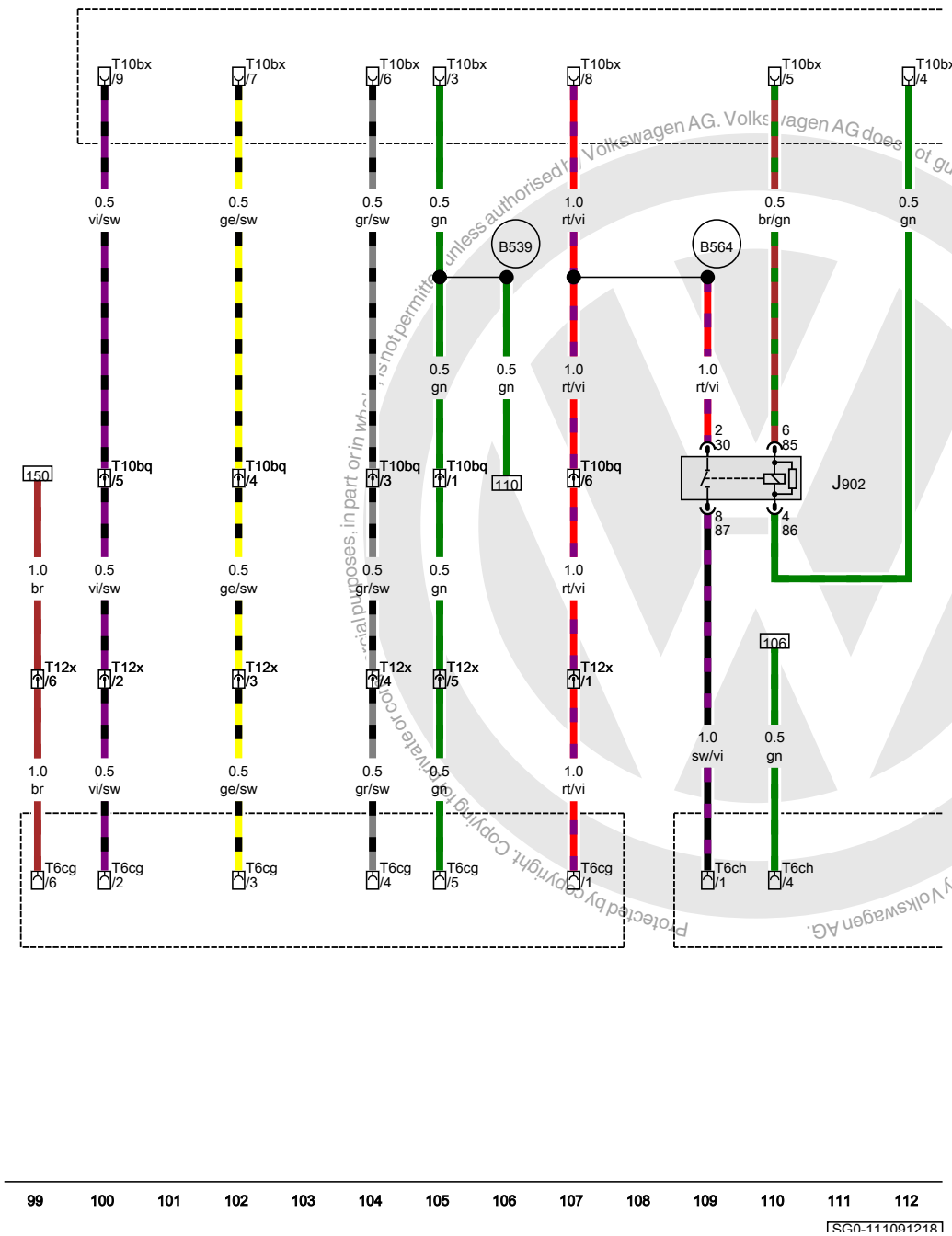

Relay for front "stop" command light, 6-pin connector, 6-pin connector, 10-pin connector

J902	Relay for front "stop" command light, under seat on front left
T6cg	6-pin connector, black, Interface for rear "stop" command light, in rear lid
T6ch	6-pin connector, black, Interface for front "stop" command light, on air filter
T10bq	10-pin connector, orange, under driver seat
T10bx	10-pin connector, blue, Interface 3 for signal system, under front passenger seat
T12x	12-pin connector, brown, near left D-pillar
B539	Connection 30, in main wiring harness
B564	Connection 31, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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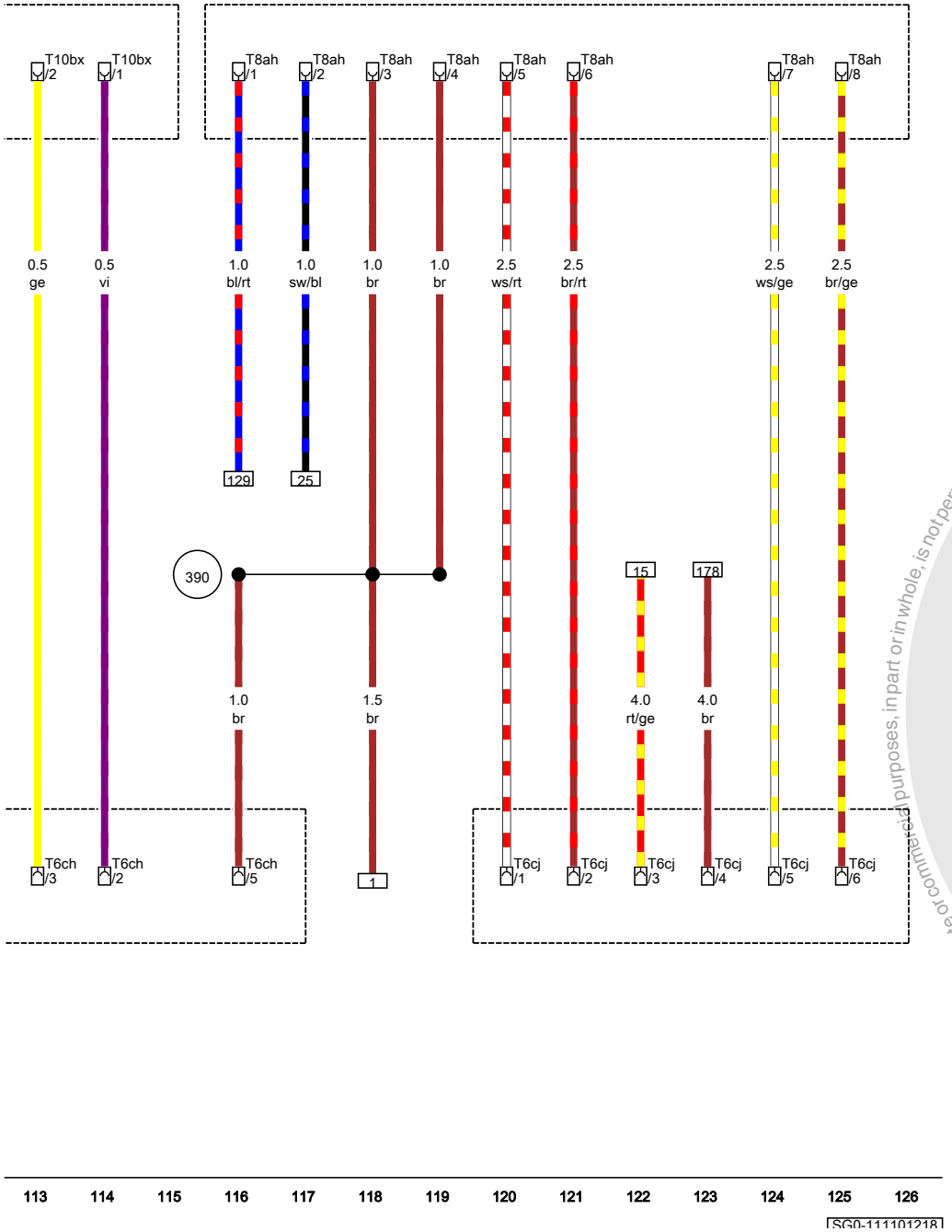

6-pin connector, 6-pin connector, 8-pin connector, 10-pin connector

T6ch	6-pin connector, black, Interface for front "stop" command light, on air filter
T6cj	6-pin connector, black, Interface for signal system 1, under front passenger seat
T8ah	8-pin connector, black, Interface for loudspeaker/ front flashing LED lights, on air filter
T10bx	10-pin connector, blue, Interface 3 for signal system, under front passenger seat
390	Earth connection 25, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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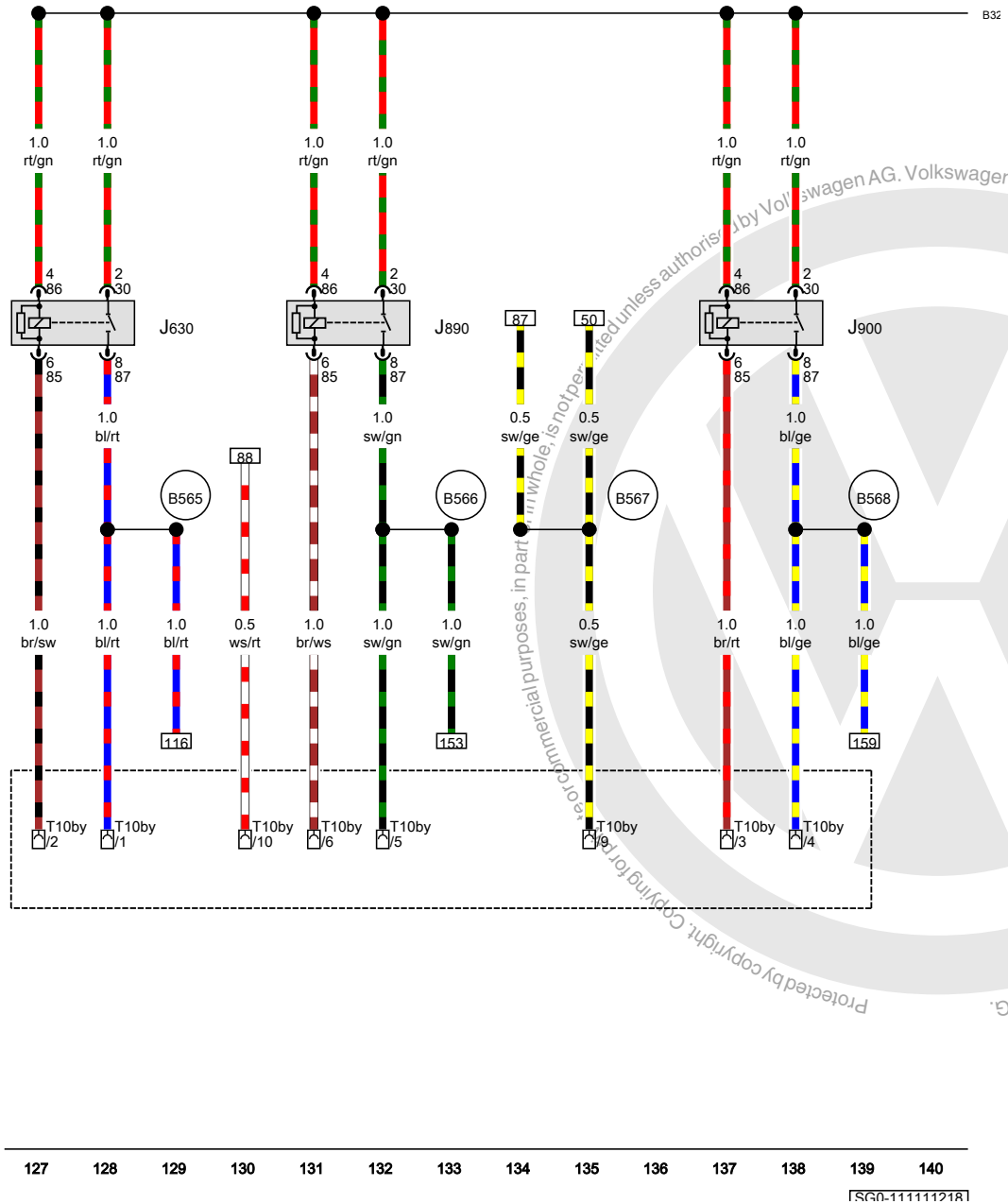
Flashing lights relay, Flashing lights relay 2, Flashing lights relay 3, 10-pin connector



J630 Flashing lights relay, under seat on front left
J890 Flashing lights relay 2, under seat on front left
J900 Flashing lights relay 3, under seat on front left
T10by 10-pin connector, black, Interface 2 for signal system, under front passenger seat

B325 Positive connection 11 (30a) in main wiring harness

B565 Connection 32, in main wiring harness

B566 Connection 33, in main wiring harness

B567 Connection 34, in main wiring harness

B568 Connection 35, in main wiring harness

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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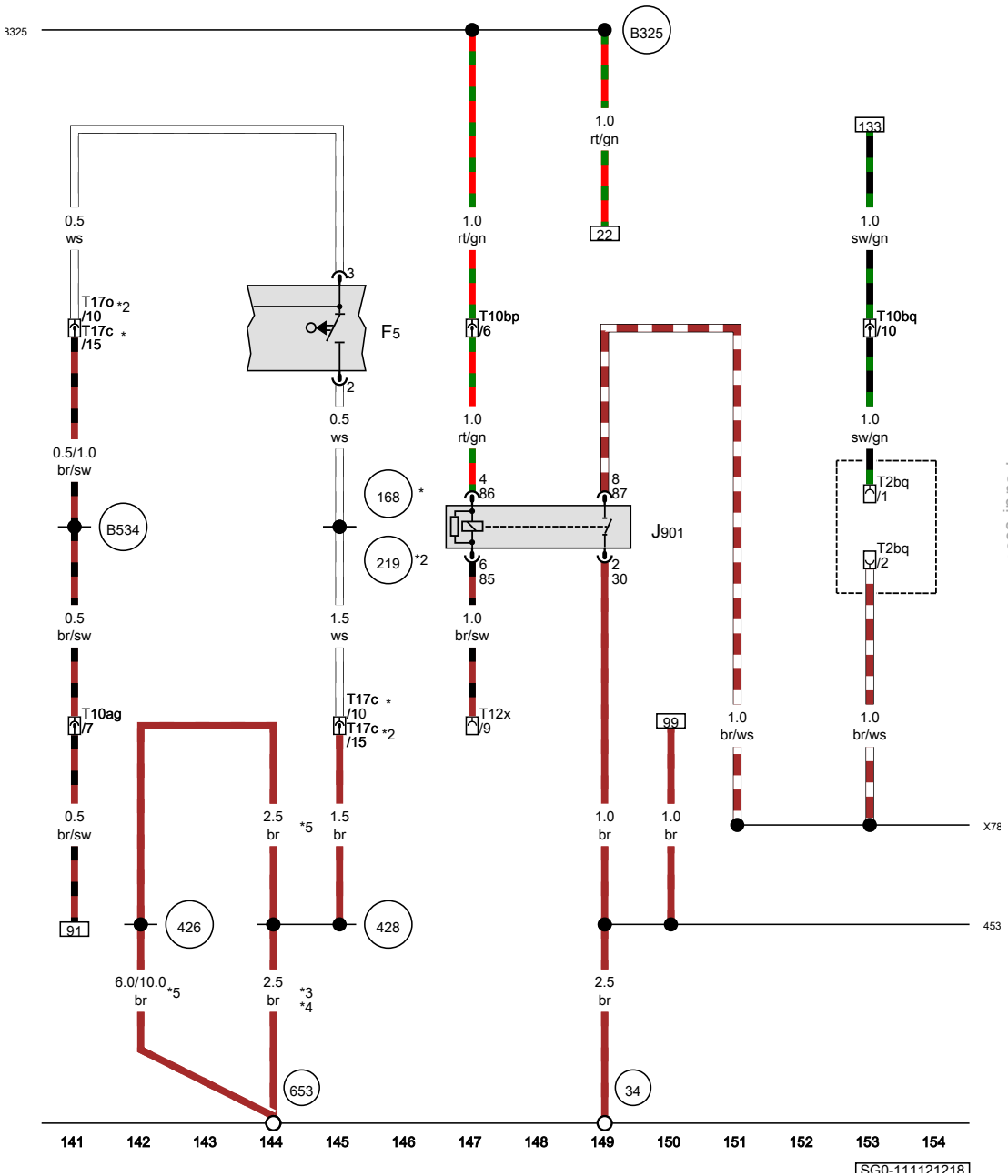
Luggage compartment light switch, Flashing lights relay 4, 2-pin connector



F5	Luggage compartment light switch
J901	Flashing lights relay 4, under seat on front left
T2bq	2-pin connector, black
T10ag	10-pin connector, brown, in left A-pillar coupling station
T10bp	10-pin connector, green, under driver seat
T10bq	10-pin connector, orange, under driver seat
T12x	12-pin connector, brown, near left D-pillar
T17c	17-pin connector, black, behind lower section of left D-pillar trim
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
34	Earth point, under driver seat
168	Earth connection, in rear left wing door wiring harness
219	Earth connection 2, in rear lid wiring harness
426	Earth connection 3, in left rear end wiring harness
428	Earth connection 4, in left rear end wiring harness
453	Earth connection 3, in optional equipment wiring harness
653	Earth point, on left D-pillar
B325	Positive connection 11 (30a) in main wiring harness
B534	Connection 1 (luggage compartment switch), in roof wiring harness
X78	Connection 1, in optional equipment wiring harness
*	For models with wing doors
*2	For models with rear lid
*3	For models with no towing bracket
*4	For models with no heated rear window
*5	For models with trailer socket or heated rear window

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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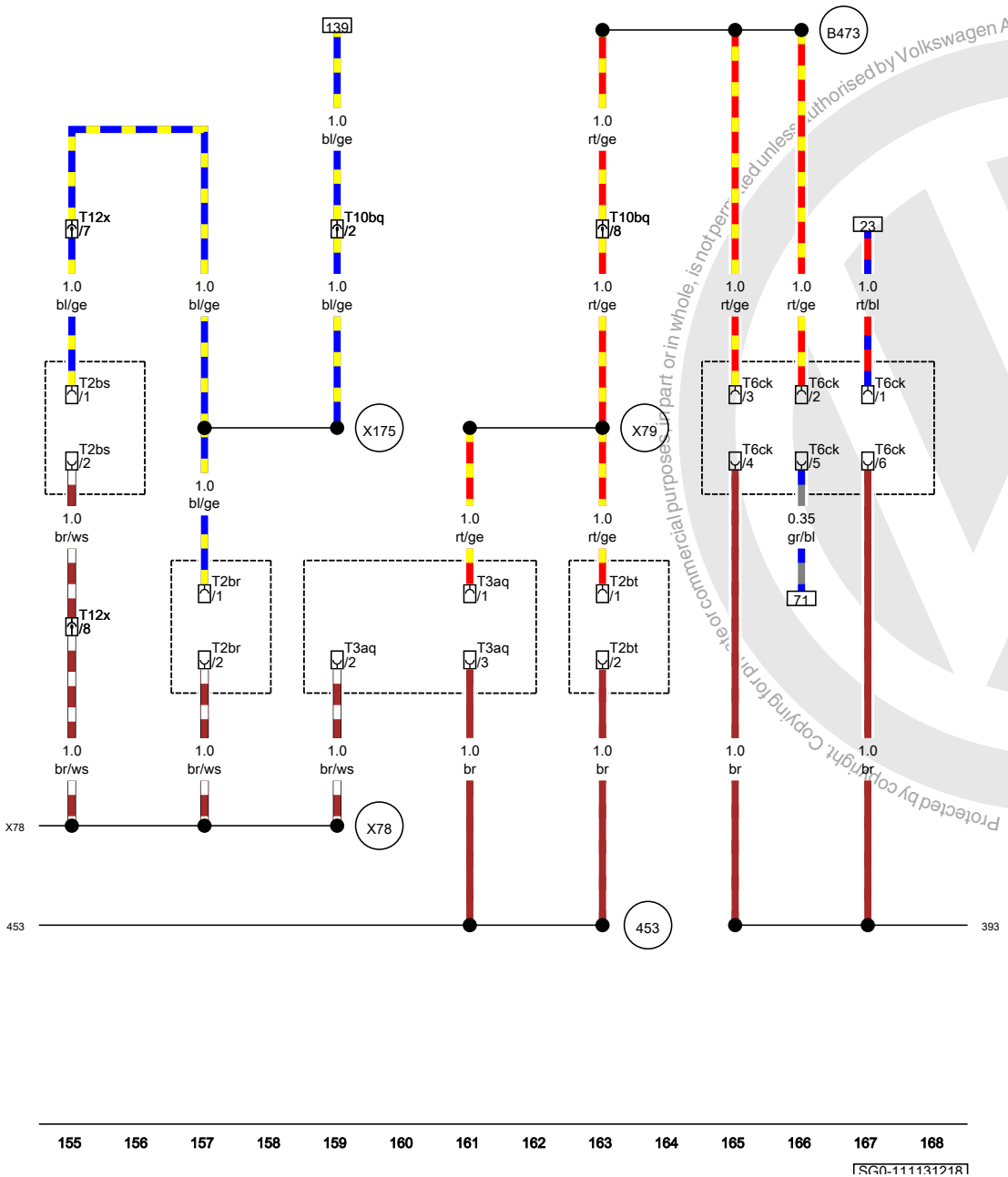

2-pin connector, 2-pin connector, 2-pin connector, 3-pin connector, 6-pin connector

T2br	2-pin connector, black
T2bs	2-pin connector, black, Interface for rear flashing LED lights (yellow), in rear lid
T2bt	2-pin connector, black, Interface for interior light on table
T3aq	3-pin connector, black, Interface for rear interior light
T6ck	6-pin connector, black, Interface for interior light switch
T10bq	10-pin connector, orange, under driver seat
T12x	12-pin connector, brown, near left D-pillar
393	Earth connection 28, in main wiring harness
453	Earth connection 3, in optional equipment wiring harness
B473	Connection 9, in main wiring harness
X78	Connection 1, in optional equipment wiring harness
X79	Connection 2, in optional equipment wiring harness
X175	Positive connection (30a), in optional equipment wiring harness

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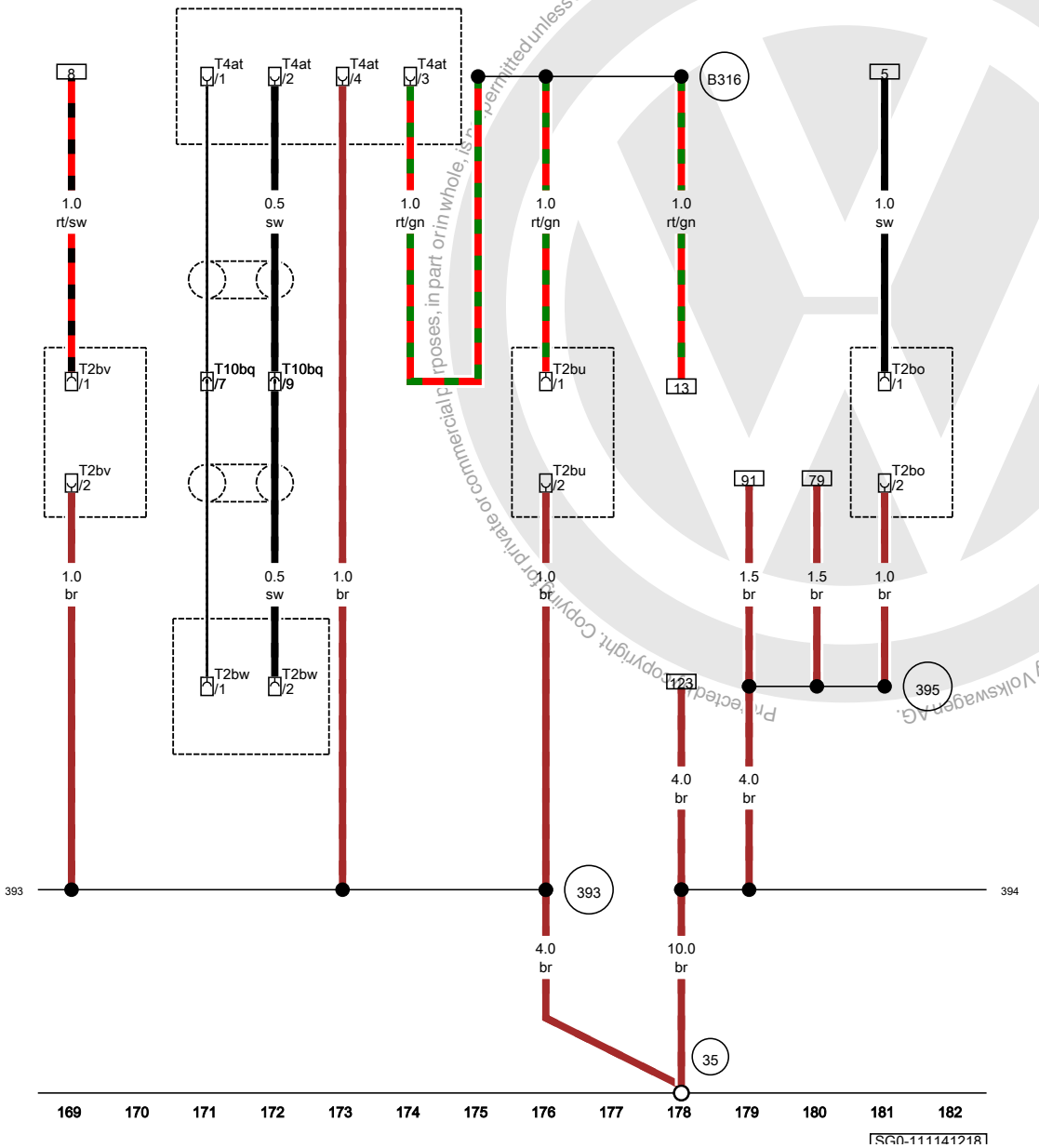

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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

2-pin connector, 2-pin connector, 2-pin connector, 2-pin connector, 4-pin connector

T2bo	2-pin connector, black, Interface for electric torch, under front passenger seat
T2bu	2-pin connector, white, Interface for map reading light
T2bv	2-pin connector, black, Interface for hand-held 2-way radio, under front passenger seat
T2bw	2-pin connector, black, Interface for telephone microphone
T4at	4-pin connector, black, Interface for telephone
T10bq	10-pin connector, orange, under driver seat
35	Earth point, under front passenger seat
393	Earth connection 28, in main wiring harness
394	Earth connection 29, in main wiring harness
395	Earth connection 30, in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness

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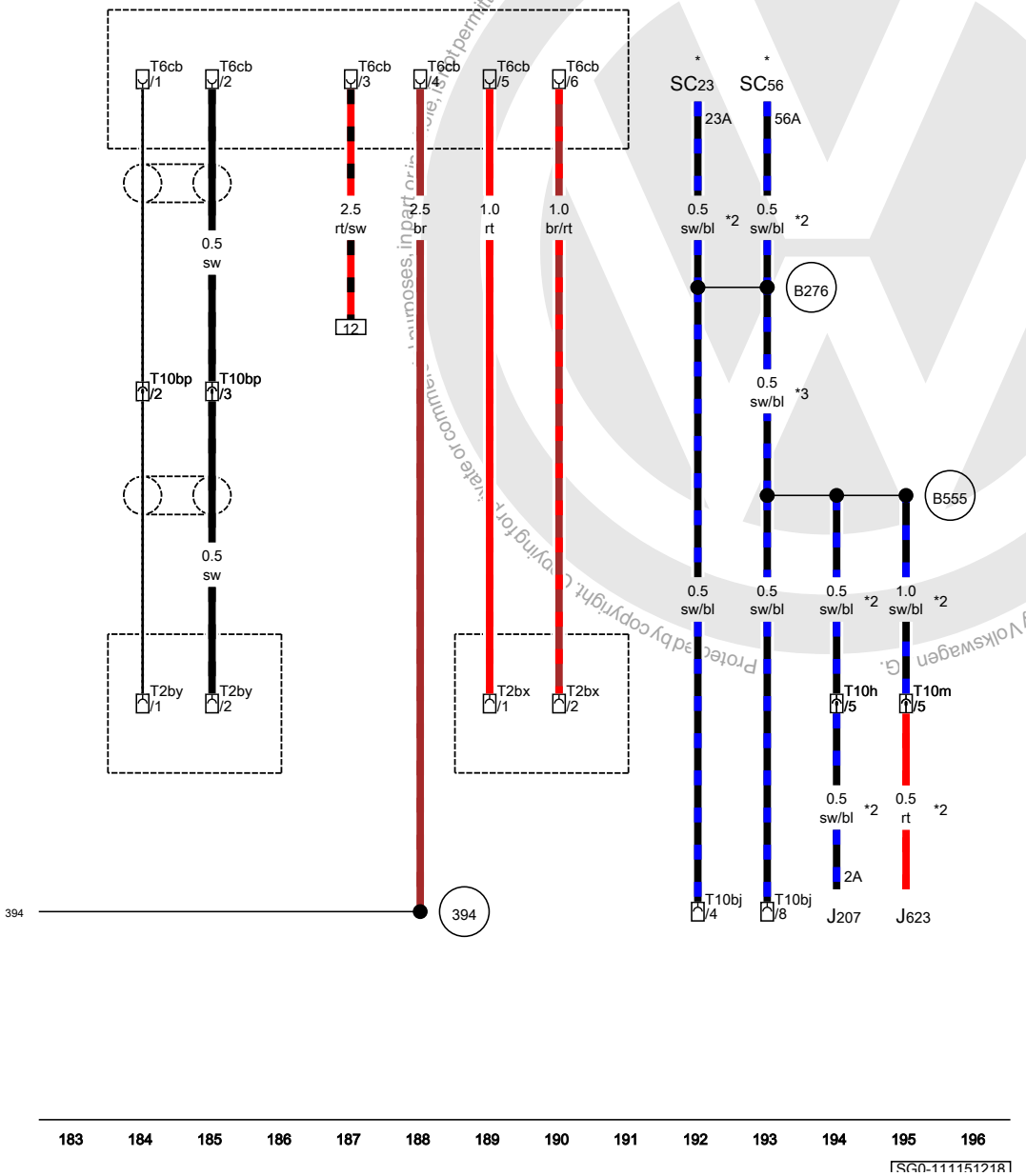

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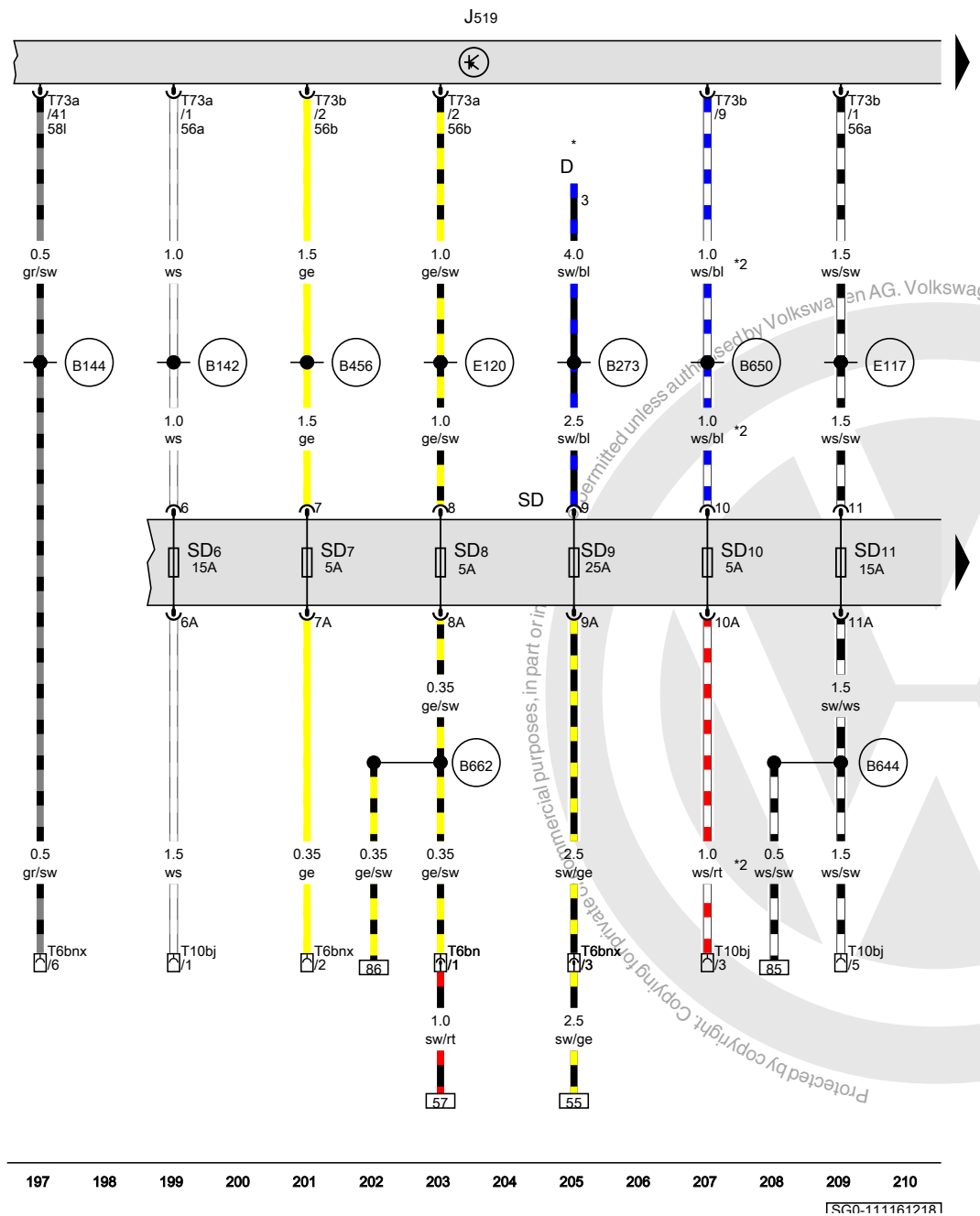
rs	=	pink

Starter inhibitor relay, Engine/motor control unit, Fuse 23 on fuse holder C, Fuse 56 on fuse holder C, 2-pin connector, 2-pin connector, 6-pin connector, 10-pin connector

J207	Starter inhibitor relay
J623	Engine/motor control unit, in E-box
SC23	Fuse 23 on fuse holder C
SC56	Fuse 56 on fuse holder C
T2bx	2-pin connector, green, Interface for 2-way radio loudspeaker
T2by	2-pin connector, black, Interface for 2-way radio microphone
T6cb	6-pin connector, black, Interface for 2-way radio, under front passenger seat
T10bj	10-pin connector, yellow, under driver seat
T10bp	10-pin connector, green, under driver seat
T10h	10-pin connector, orange, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
394	Earth connection 29, in main wiring harness
B276	Positive connection (50), in main wiring harness
B555	Positive connection 2 (50), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for engine
*3	Wire could be cut by special vehicle manufacturer



Ignition/starter switch, Onboard supply control unit, Fuse holder D, 6-pin connector, 6-pin connector, 10-pin connector

D	Ignition/starter switch
J519	Onboard supply control unit
SD	Fuse holder D
SD6	Fuse 6 on fuse holder D
SD7	Fuse 7 on fuse holder D
SD8	Fuse 8 on fuse holder D
SD9	Fuse 9 on fuse holder D
SD10	Fuse 10 on fuse holder D
SD11	Fuse 11 on fuse holder D
T6bn	6-pin connector, grey, under driver seat
T6bnx	6-pin connector, grey, under driver seat
T10bj	10-pin connector, yellow, under driver seat
T73a	73-pin connector, black
T73b	73-pin connector, white
B142	Positive connection 2 (56a), in interior wiring harness
B144	Positive connection (58L), in interior wiring harness
B273	Positive connection (15), in main wiring harness
B456	Connection (56b), in main wiring harness
B644	Connection 3 (56a), in main wiring harness
B650	Connection 8, in interior wiring harness
B662	Connection 2 (56b), in main wiring harness
E117	Connection (56a, left), in dash panel wiring harness
E120	Connection (56b, left), in dash panel wiring harness
*	see applicable current flow diagram for basic equipment
*2	For models with fog lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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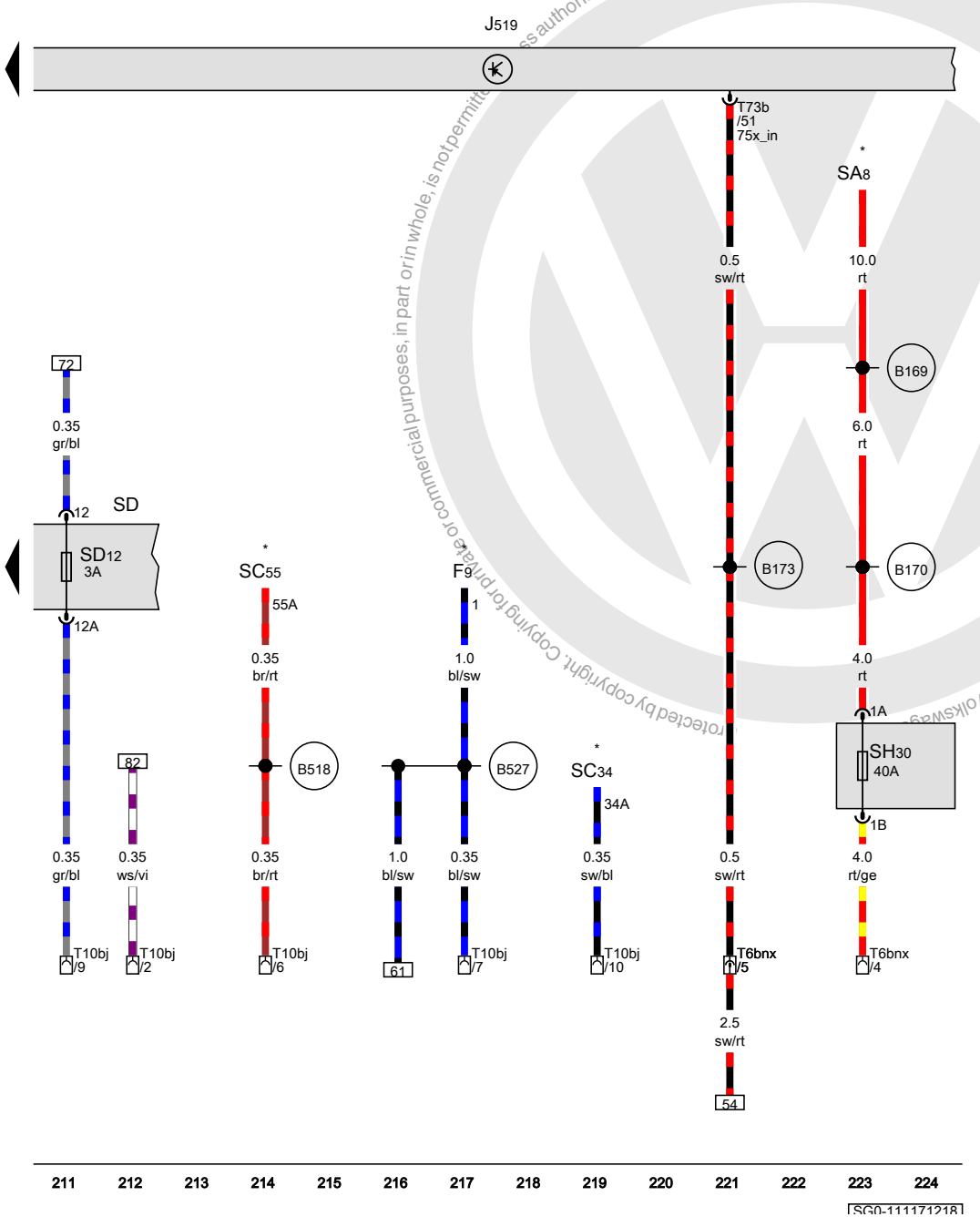

Handbrake warning switch, Onboard supply control unit, Fuse holder D, Fuse 30 in fuse holder H, Fuse 34 on fuse holder C, Fuse 55 on fuse holder C, 6-pin connector, 10-pin connector

F9	Handbrake warning switch
J519	Onboard supply control unit
SA8	Fuse 8 on fuse holder A
SD	Fuse holder D
SD12	Fuse 12 on fuse holder D
SH30	Fuse 30 in fuse holder H
SC34	Fuse 34 on fuse holder C
SC55	Fuse 55 on fuse holder C
T6bnx	6-pin connector, grey, under driver seat
T10bj	10-pin connector, yellow, under driver seat
T73b	73-pin connector, white
B169	Positive connection 1 (30), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B173	Positive connection 2 (X), in interior wiring harness
B518	Connection (86s), in main wiring harness
B527	Connection (handbrake), in main wiring harness
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
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Seat heating for seats with leatherette/cloth covers , (L0L),(3L0),(3L1),(3L2),(3L3)

From June 2016

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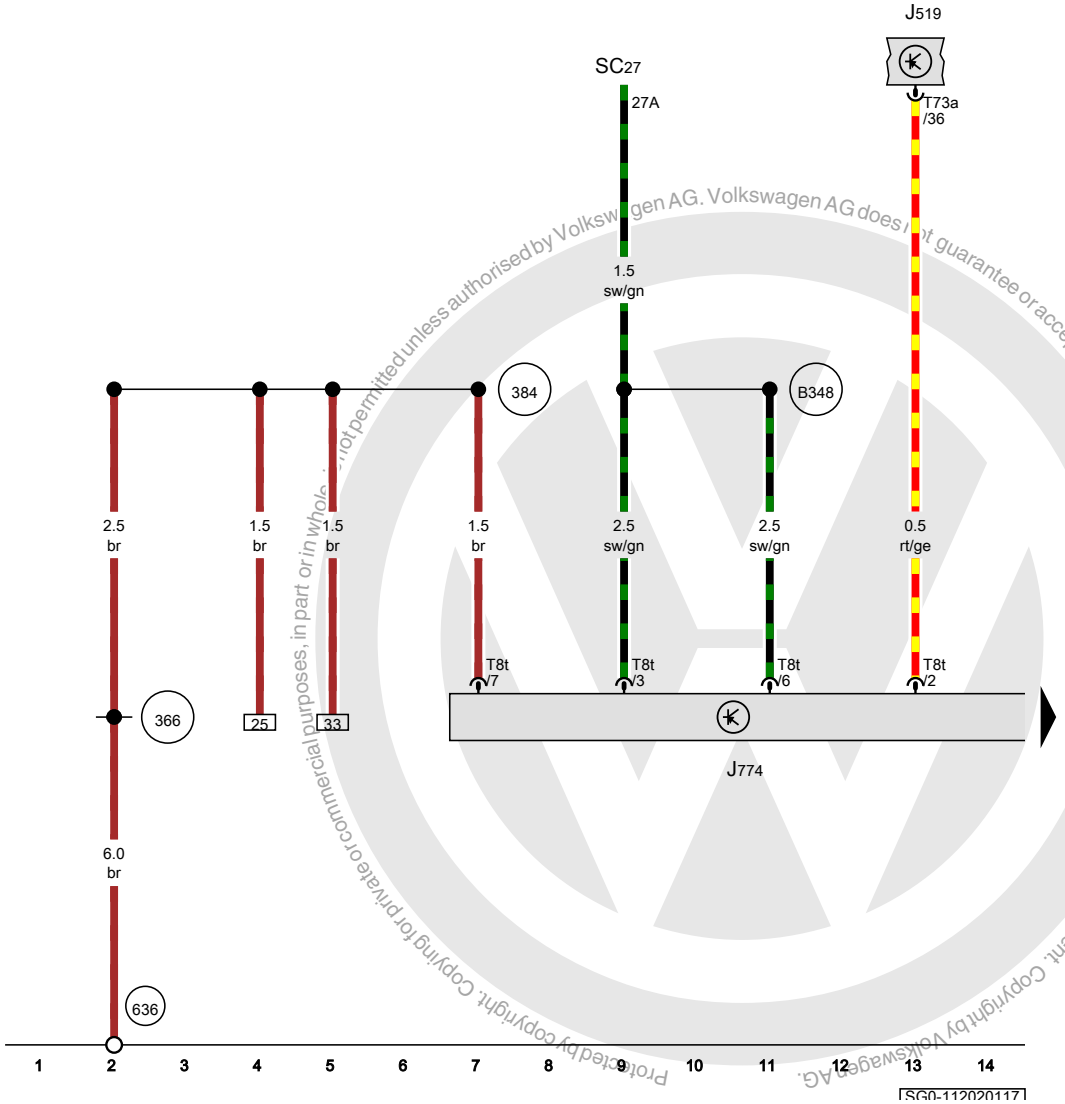
Onboard supply control unit, Heated front seats control unit, Fuse 27 on fuse holder C

J519	Onboard supply control unit
J774	Heated front seats control unit
SC27	Fuse 27 on fuse holder C
T8t	8-pin connector, black
T73a	73-pin connector, black
366	Earth connection 1, in main wiring harness
384	Earth connection 19, in main wiring harness
636	Earth point, onboard supply control unit
B348	Connection 1 (75a), in main wiring harness



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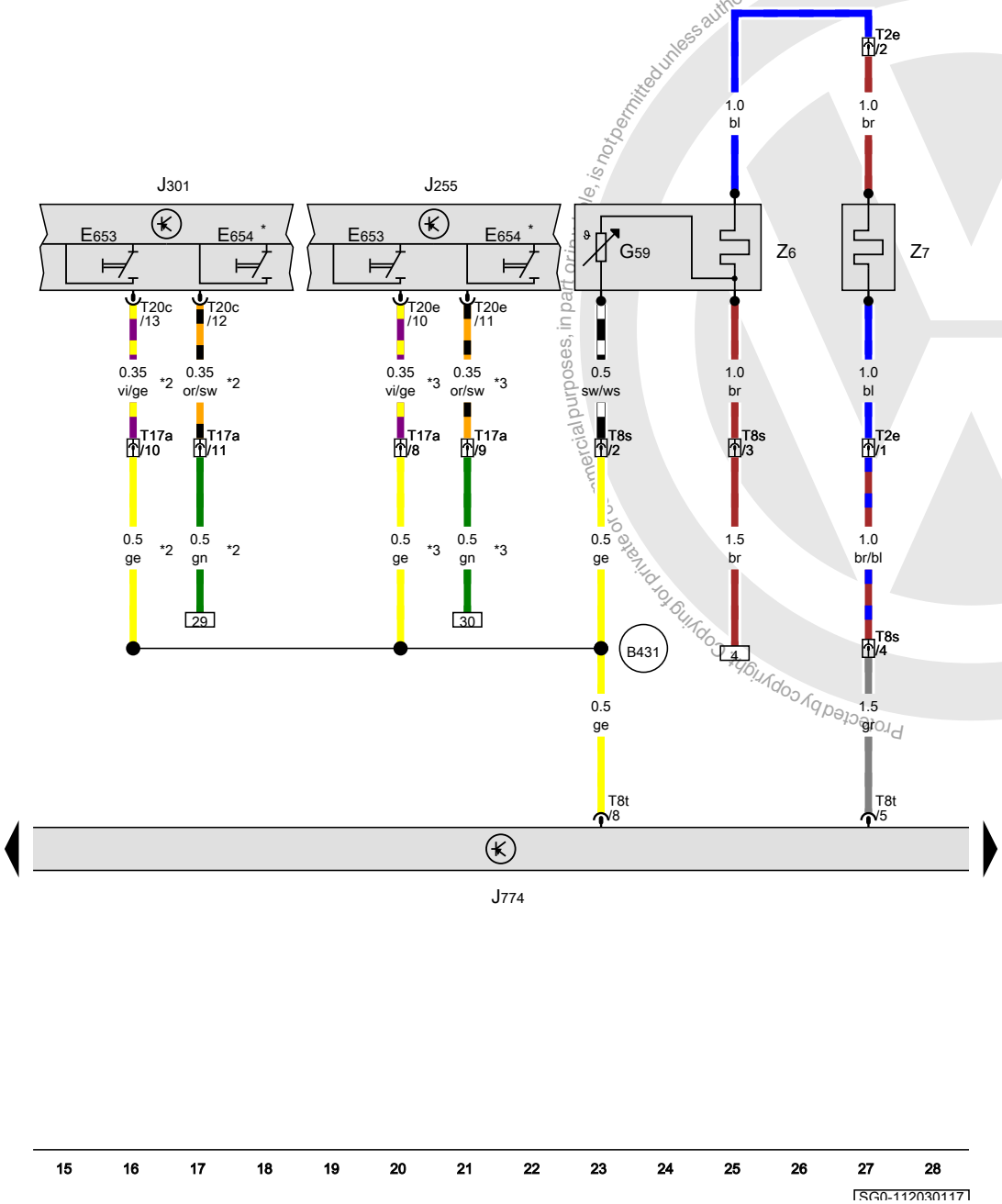

Button for left seat heating, Button for right seat heating, Climatronic control unit, Air conditioning system control unit, Heated front seats control unit, Heated seat cushion for driver seat, Heated backrest for driver seat

E653	Button for left seat heating
E654	Button for right seat heating
G59	Driver seat temperature sensor
J255	Climatronic control unit
J301	Air conditioning system control unit
J774	Heated front seats control unit
T2e	2-pin connector, black, in driver seat
T8s	8-pin connector, black, under seat on front left
T8t	8-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
T20e	20-pin connector, black
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
B431	Connection (seat heating), in main wiring harness
*	Only models with heated front passenger seat
*2	Only models with Climatic
*3	Only models with Climatronic

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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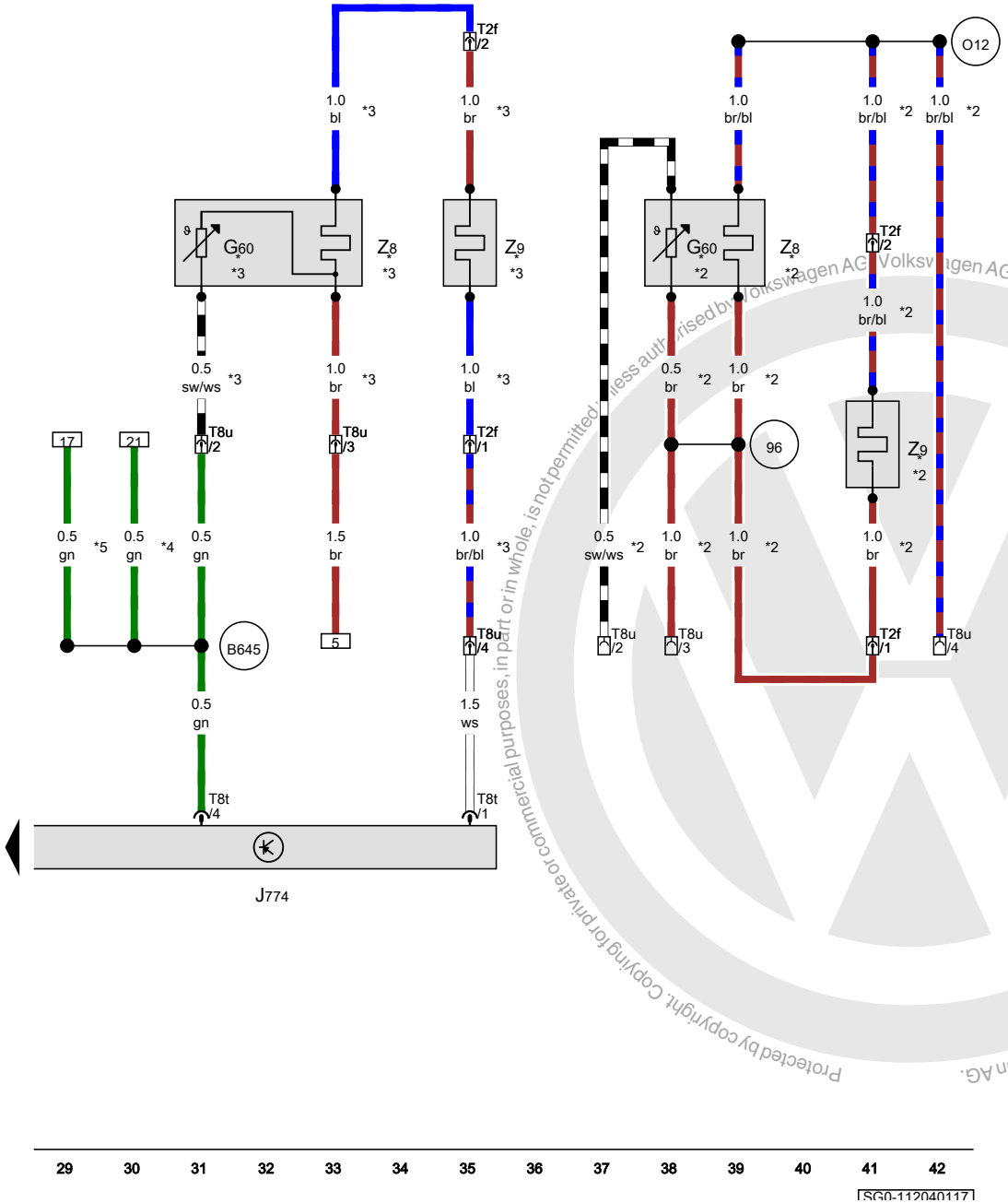
Heated front seats control unit, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat



G60	Front passenger seat temperature sensor
J774	Heated front seats control unit
T2f	2-pin connector, black, in front passenger seat
T8t	8-pin connector, black
T8u	8-pin connector, black, under seat on front right
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
96	Earth connection 1, in seat heating wiring harness
B645	Connection 2 (seat heating), in main wiring harness
O12	Connection 1, in seat heating wiring harness
*	Only models with heated front passenger seat
*2	Only models with double seat on front passenger side
*3	Only models with single seat on front passenger side
*4	Only models with Climatronic
*5	Only models with Climatic

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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or	=	orange
rs	=	pink

29 30 31 32 33 34 35 36 37 38 39 40 41 42

[SG0-112040117]

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Seat heating for seats with leather covers , (L0L),(3L0),(3L1),(3L2),(3L3)

From June 2016

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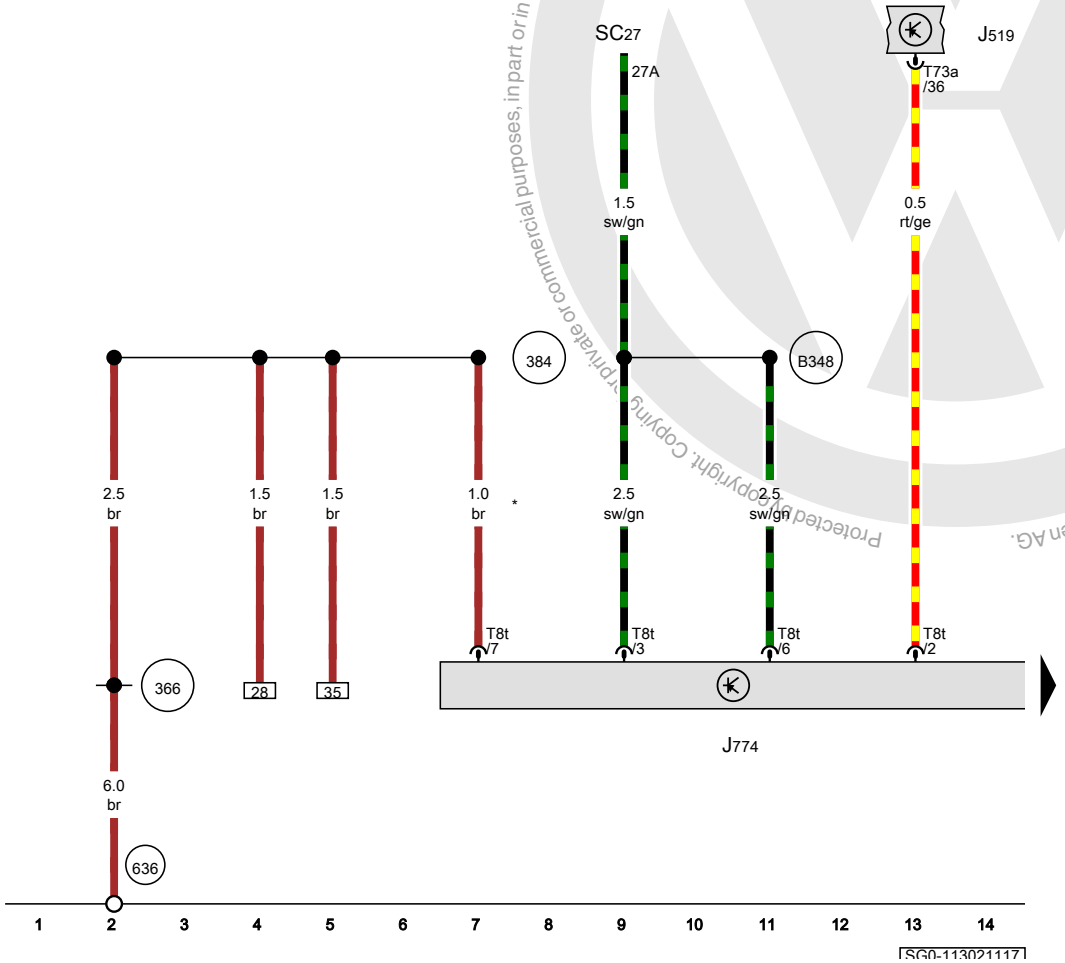
Onboard supply control unit, Heated front seats control unit, Fuse 27 on fuse holder C

J519	Onboard supply control unit
J774	Heated front seats control unit
SC27	Fuse 27 on fuse holder C
T8t	8-pin connector, black
T73a	73-pin connector, black
366	Earth connection 1, in main wiring harness
384	Earth connection 19, in main wiring harness
636	Earth point, onboard supply control unit
B348	Connection 1 (75a), in main wiring harness
*	Cross-section 1.5 possible



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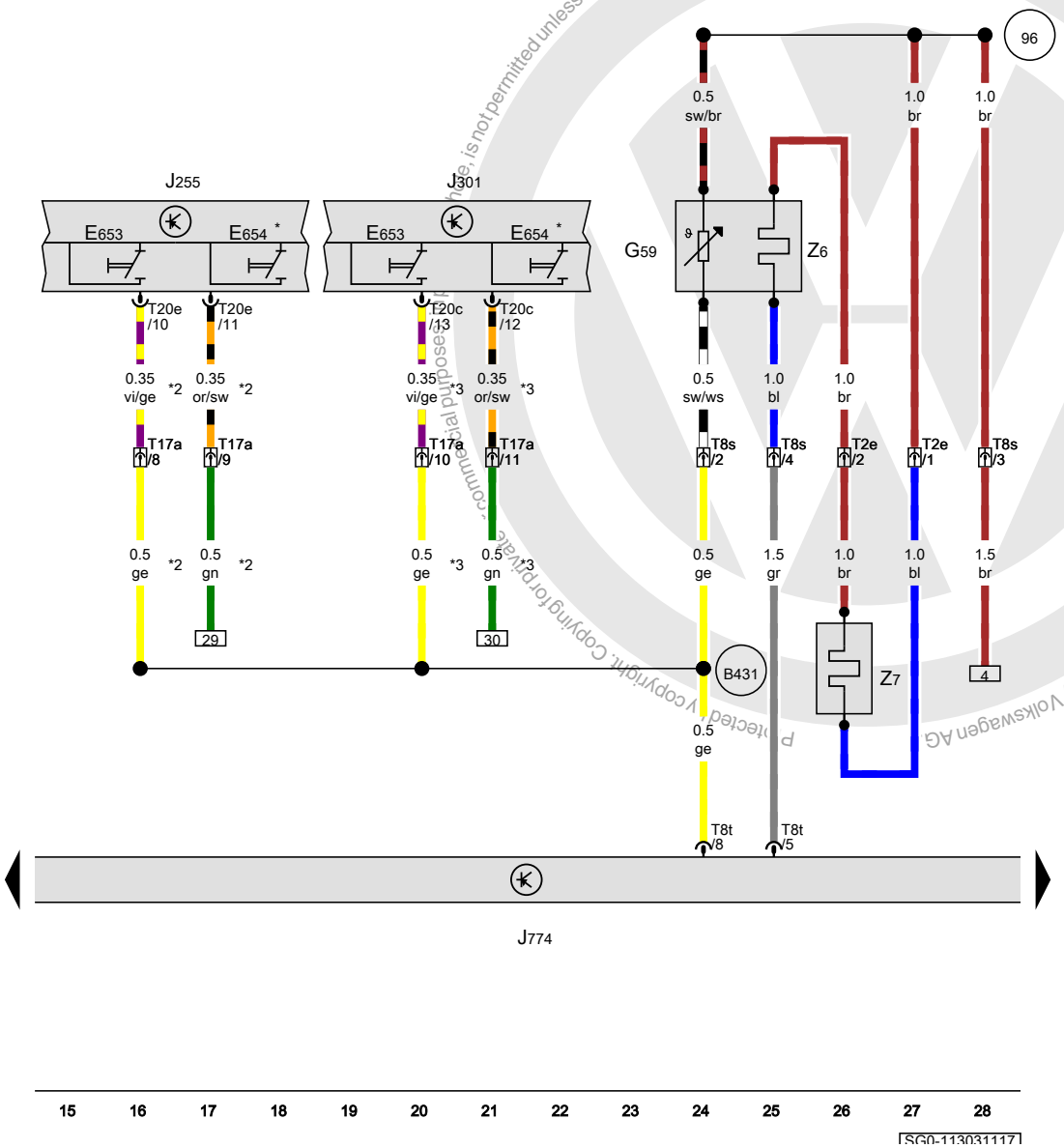
Button for left seat heating, Button for right seat heating, Climatronic control unit, Air conditioning system control unit, Heated front seats control unit, Heated seat cushion for driver seat, Heated backrest for driver seat



E653	Button for left seat heating
E654	Button for right seat heating
G59	Driver seat temperature sensor
J255	Climatronic control unit
J301	Air conditioning system control unit
J774	Heated front seats control unit
T2e	2-pin connector, black, in driver seat
T8s	8-pin connector, black, under seat on front left
T8t	8-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
T20e	20-pin connector, black
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
96	Earth connection 1, in seat heating wiring harness
B431	Connection (seat heating), in main wiring harness
*	For models with heated front passenger seat
*2	For models with Climatronic
*3	For models with Climatic

ws	=	white
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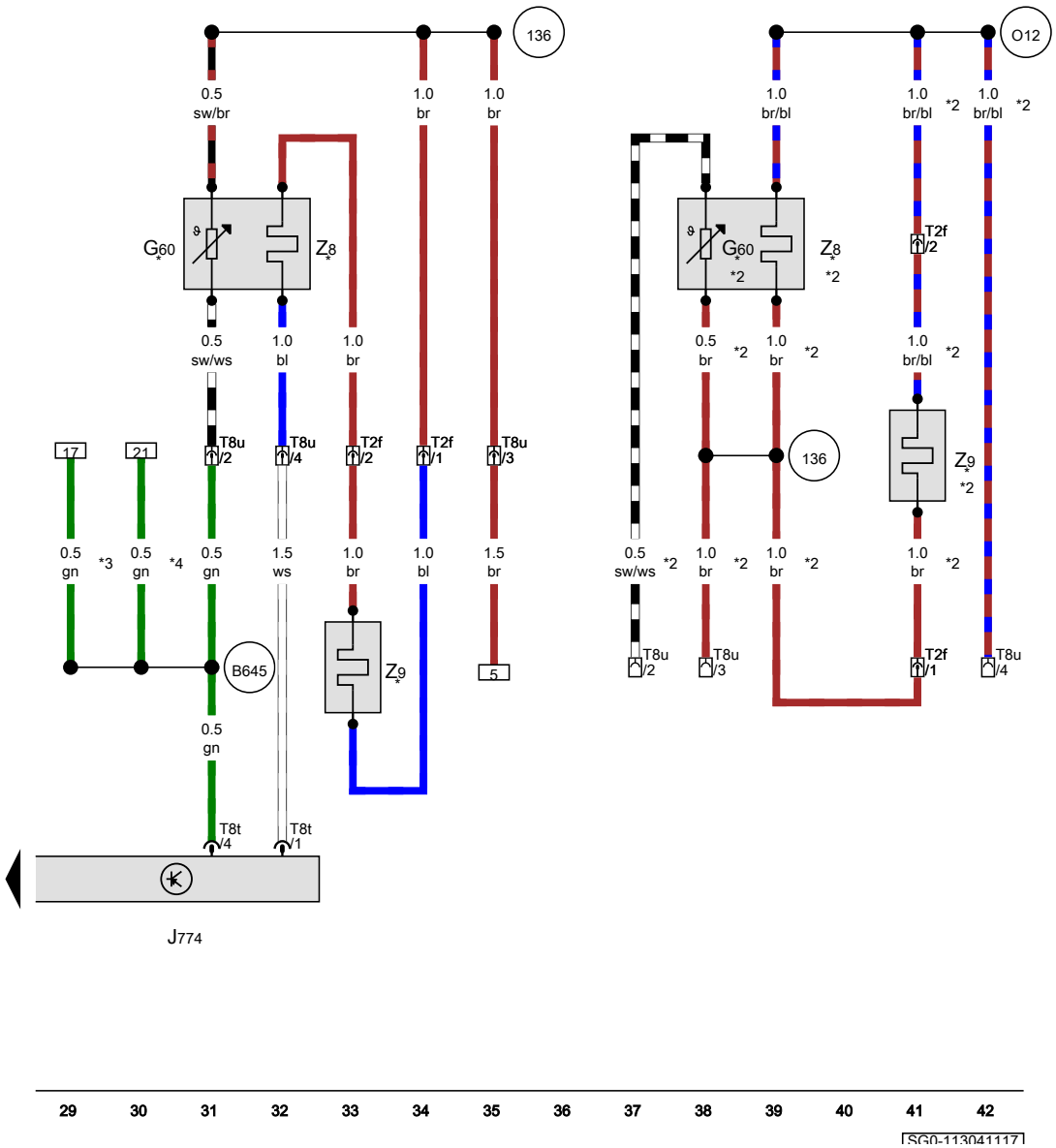
Heated front seats control unit, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat

G60	Front passenger seat temperature sensor
J774	Heated front seats control unit
T2f	2-pin connector, black, in front passenger seat
T8t	8-pin connector, black
T8u	8-pin connector, black, under seat on front right
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
136	Earth connection 2, in seat heating wiring harness
B645	Connection 2 (seat heating), in main wiring harness
O12	Connection 1, in seat heating wiring harness
*	For models with heated front passenger seat
*2	For models with double seat on front passenger side
*3	For models with Climatronic
*4	For models with Climatic



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Seat heating , (3E3),(3E7),(3L4),(3L7),(3L8),(L0L)

From June 2016

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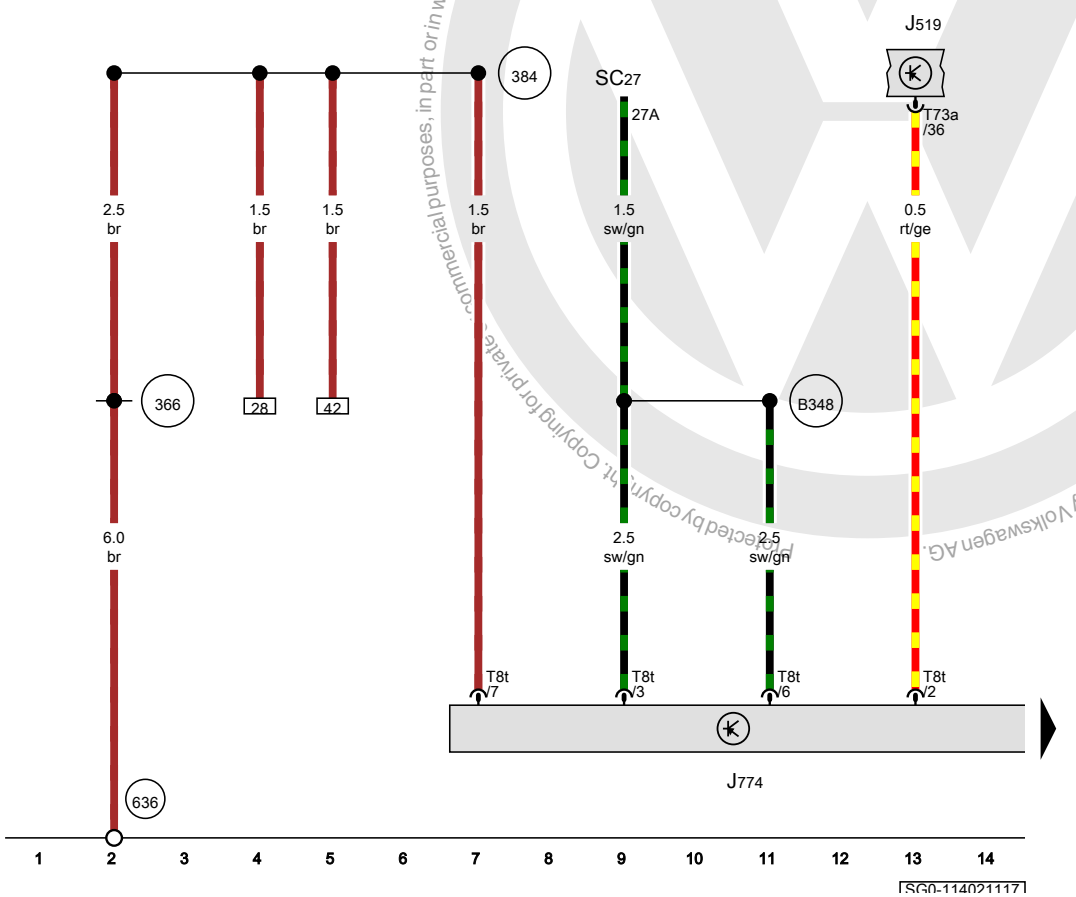
Onboard supply control unit, Heated front seats control unit, Fuse 27 on fuse holder C

J519	Onboard supply control unit
J774	Heated front seats control unit
SC27	Fuse 27 on fuse holder C
T8t	8-pin connector, black
T73a	73-pin connector, black
366	Earth connection 1, in main wiring harness
384	Earth connection 19, in main wiring harness
636	Earth point, onboard supply control unit
B348	Connection 1 (75a), in main wiring harness



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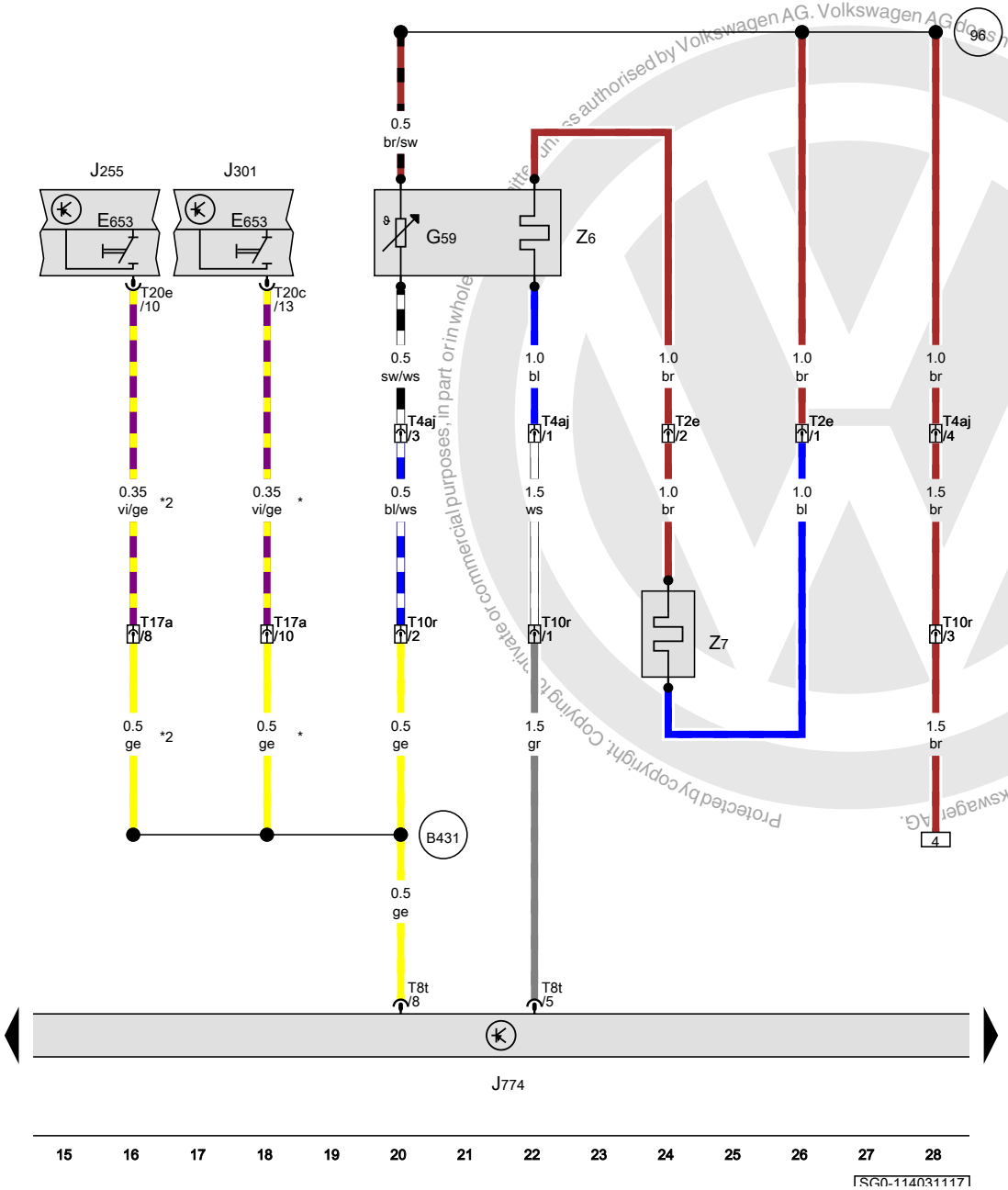
Button for left seat heating, Climatronic control unit, Air conditioning system control unit, Heated front seats control unit, Heated seat cushion for driver seat, Heated backrest for driver seat



E653	Button for left seat heating
G59	Driver seat temperature sensor
J255	Climatronic control unit
J301	Air conditioning system control unit
J774	Heated front seats control unit
T2e	2-pin connector, black, in driver seat
T4aj	4-pin connector, black, under driver seat
T8t	8-pin connector, black
T10r	10-pin connector, black, under seat on front left
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
T20e	20-pin connector, black
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
96	Earth connection 1, in seat heating wiring harness
B431	Connection (seat heating), in main wiring harness
*	For models with Climatic
*2	For models with Climatronic

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sw	=	black
ro	=	red
rt	=	red
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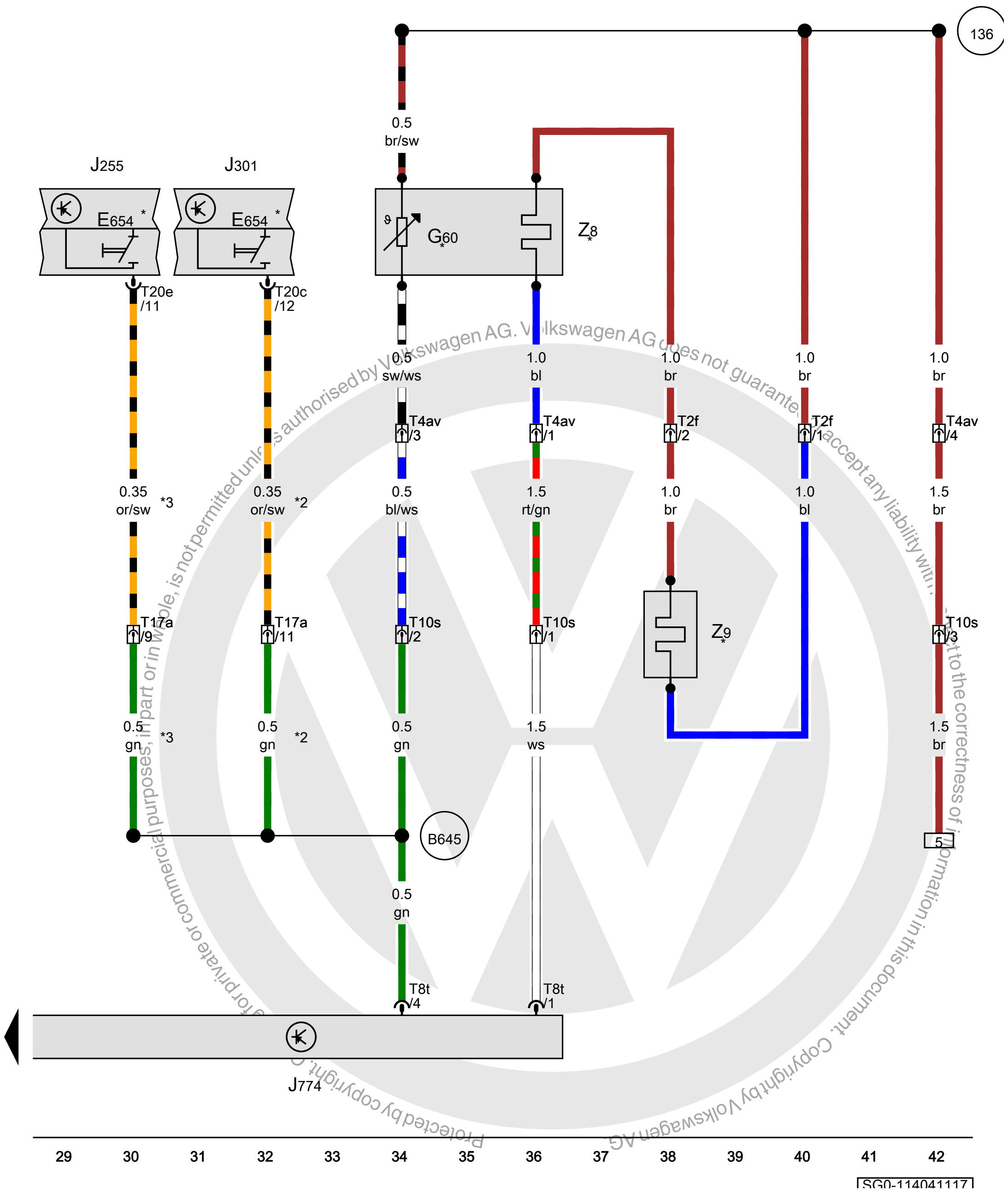
Button for right seat heating, Climatronic control unit, Air conditioning system control unit, Heated front seats control unit, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat



E654	Button for right seat heating
G60	Front passenger seat temperature sensor
J255	Climatronic control unit
J301	Air conditioning system control unit
J774	Heated front seats control unit
T2f	2-pin connector, black, in front passenger seat
T4av	4-pin connector, black, under front passenger seat
T8t	8-pin connector, black
T10s	10-pin connector, black, under seat on front right
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
T20e	20-pin connector, black
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
136	Earth connection 2, in seat heating wiring harness
B645	Connection 2 (seat heating), in main wiring harness
*	For models with heated front passenger seat
*2	For models with Climatic
*3	For models with Climatronic

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Climatic , (9AP),(KH1),(KH2),(KH3)

From June 2016

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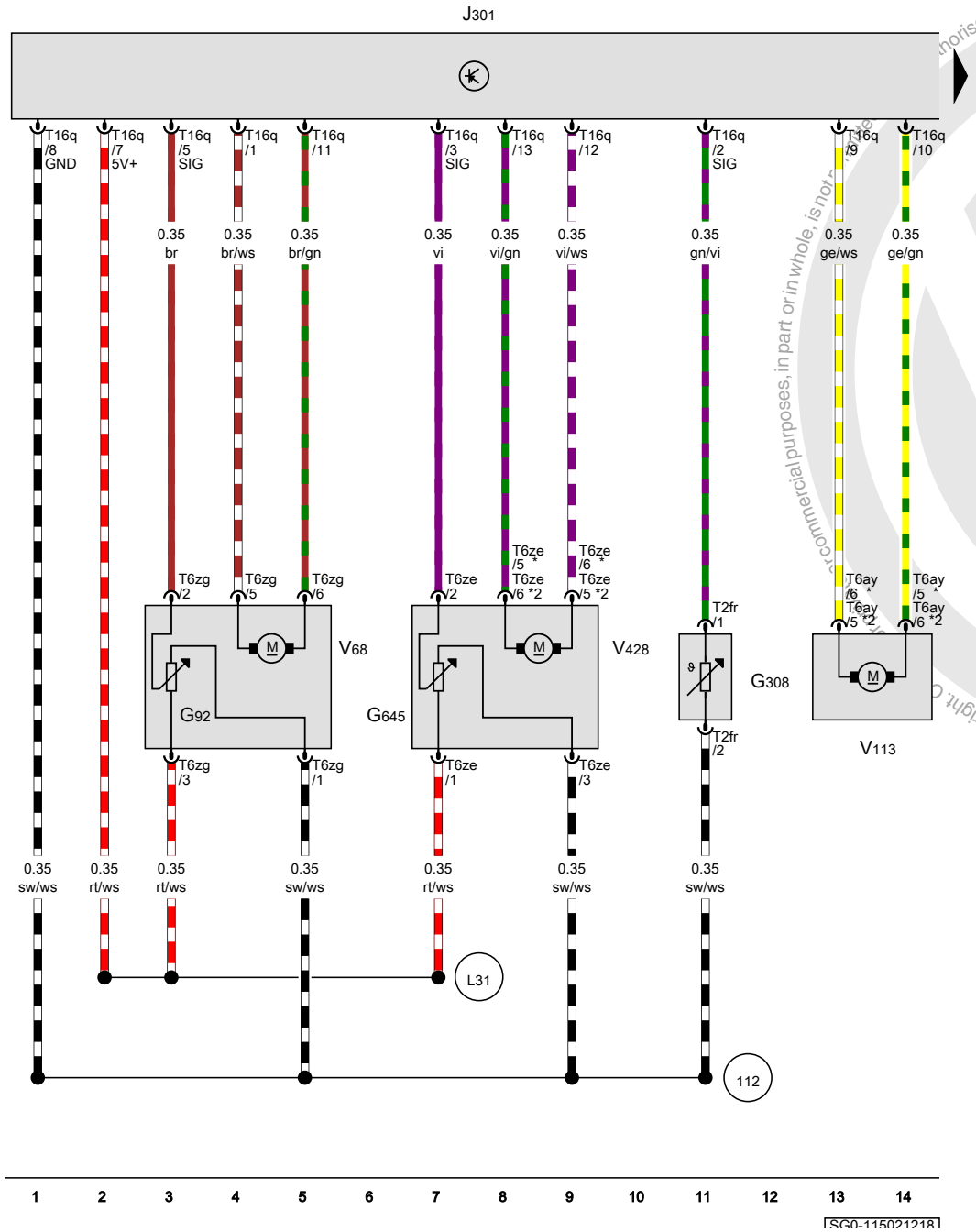

Potentiometer for temperature flap control motor, Evaporator temperature sensor, Potentiometer for air distribution flap control motor, Air conditioning system control unit, Temperature flap control motor, Air recirculation flap control motor, Air distribution flap control motor

G92	Potentiometer for temperature flap control motor
G308	Evaporator temperature sensor
G645	Potentiometer for air distribution flap control motor
J301	Air conditioning system control unit
T2fr	2-pin connector, black
T6ay	6-pin connector, blue
T6ze	6-pin connector, blue
T6zg	6-pin connector, blue
T16q	16-pin connector, black
V68	Temperature flap control motor
V113	Air recirculation flap control motor
V428	Air distribution flap control motor
112	Earth connection 2, in air conditioning system wiring harness
L31	Connection (5V), in air conditioning system wiring harness
*	For left-hand drive models
*2	For right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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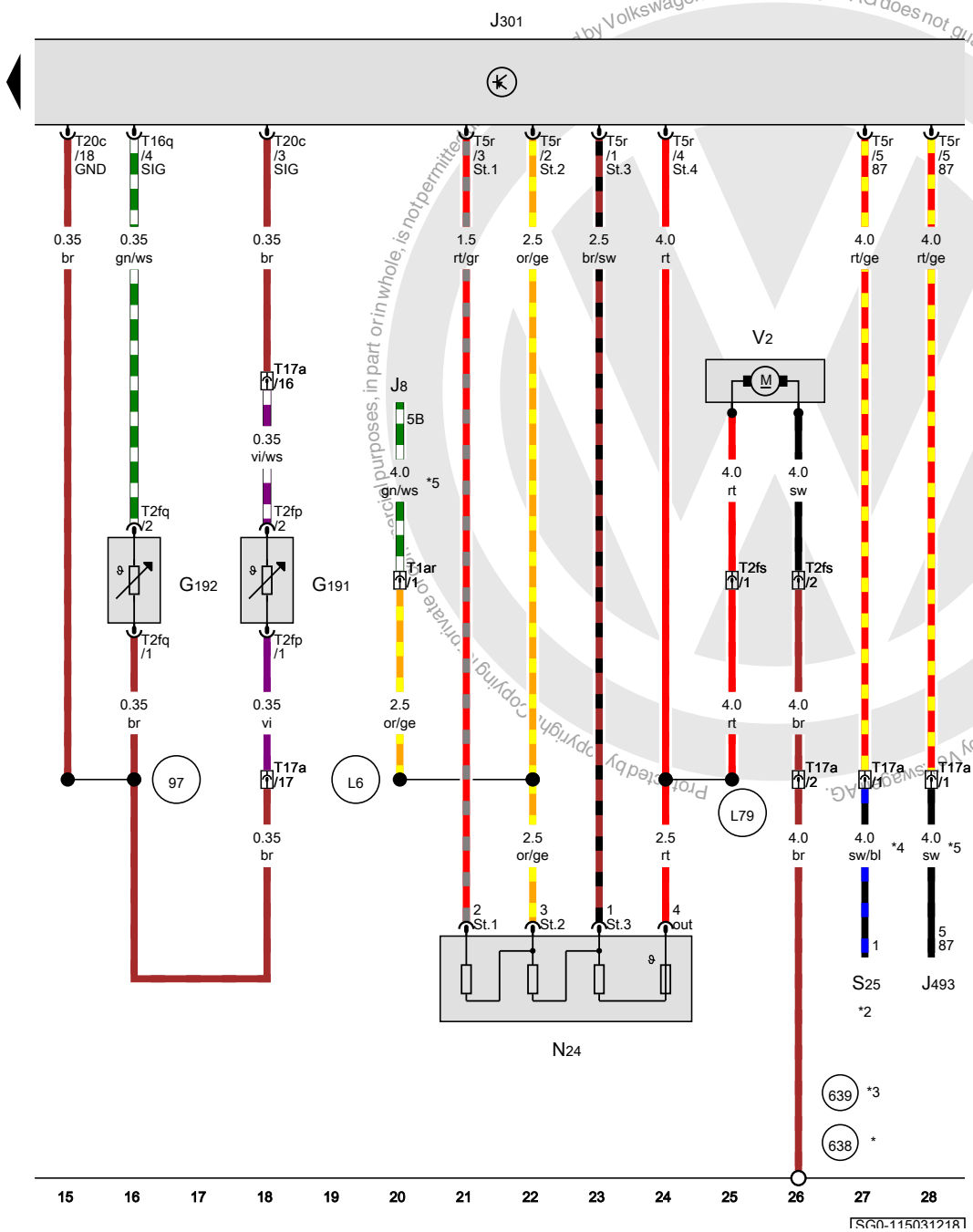

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Centre vent temperature sender, Footwell vent temperature sender, Auxiliary heater relay, Air conditioning system control unit, Fresh air blower series resistor with overheating fuse, Hot air blower single fuse, Fresh air blower

G191	Centre vent temperature sender
G192	Footwell vent temperature sender
J8	Auxiliary heater relay
J301	Air conditioning system control unit
J493	Auxiliary coolant heater relay
N24	Fresh air blower series resistor with overheating fuse
S25	Hot air blower single fuse
T1ar	1-pin connector, black, behind glove compartment
T2fp	2-pin connector, black
T2fq	2-pin connector, black
T2fs	2-pin connector, black, near heater blower
T5r	5-pin connector, black
T16q	16-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
V2	Fresh air blower
97	Earth connection 1, in air conditioning system wiring harness
638	Earth point, on right A-pillar
639	Earth point, left A-pillar
L6	Connection 2, in evaporator housing unit wiring harness
L79	Connection 4, in air conditioning system wiring harness
*	For left-hand drive models
*2	see applicable current flow diagram for fuse assignment
*3	For right-hand drive models
*4	For models with no auxiliary coolant heater
*5	Only models with auxiliary coolant heater

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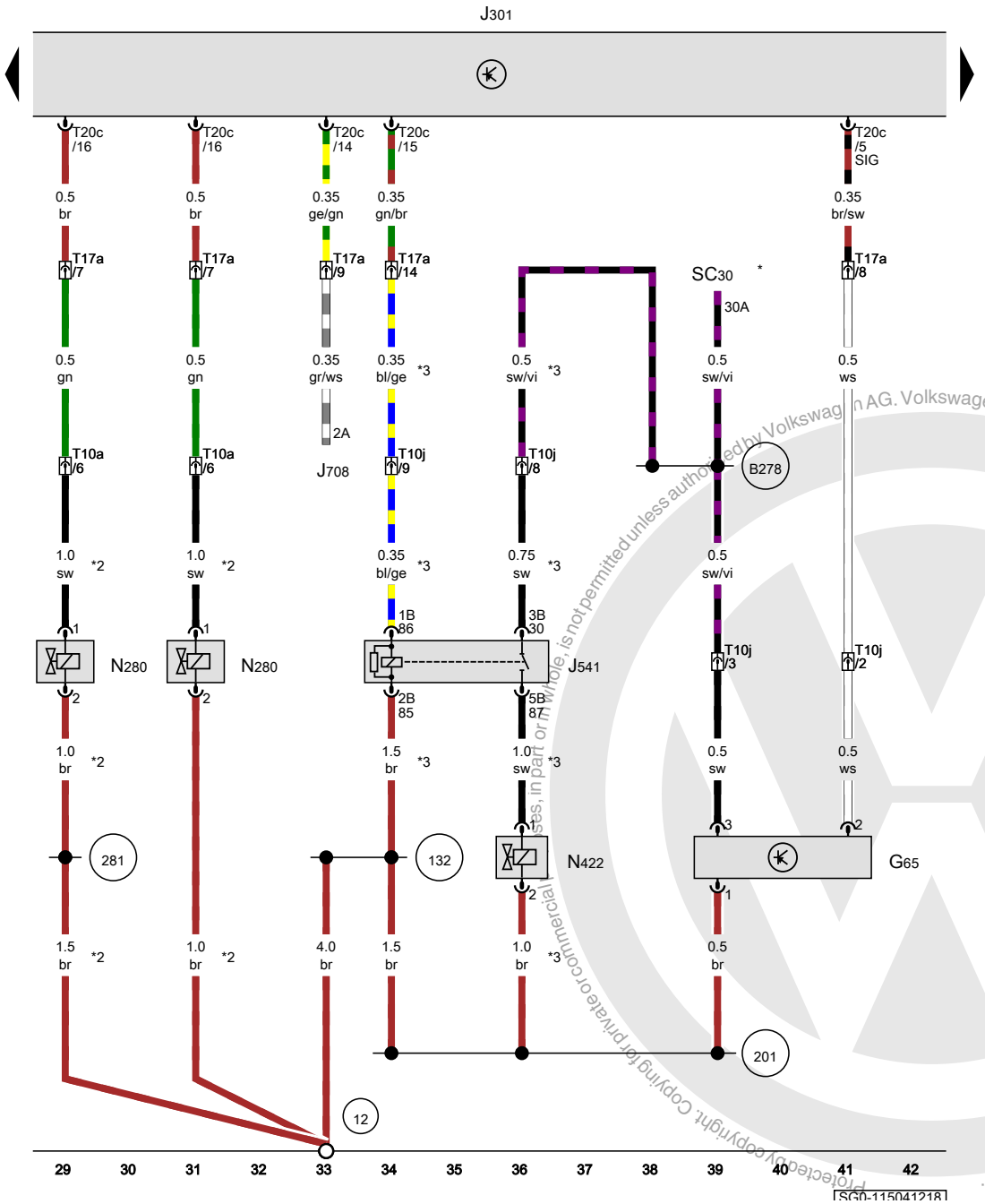

High-pressure sender, Air conditioning system control unit, Coolant shut-off valve relay, Air conditioner compressor regulating valve, Climatronic coolant shut-off valve, Fuse 30 on fuse holder C

G65	High-pressure sender
J301	Air conditioning system control unit
J541	Coolant shut-off valve relay
J708	Residual heat relay
N280	Air conditioner compressor regulating valve
N422	Climatronic coolant shut-off valve
SC30	Fuse 30 on fuse holder C
T10a	10-pin connector, brown, in E-box in engine compartment
T10j	10-pin connector, dark brown, in E-box in engine compartment
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
12	Earth point, on left in engine compartment
132	Earth connection 3, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
B278	Positive connection 2 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment
*3	For countries with hot climate

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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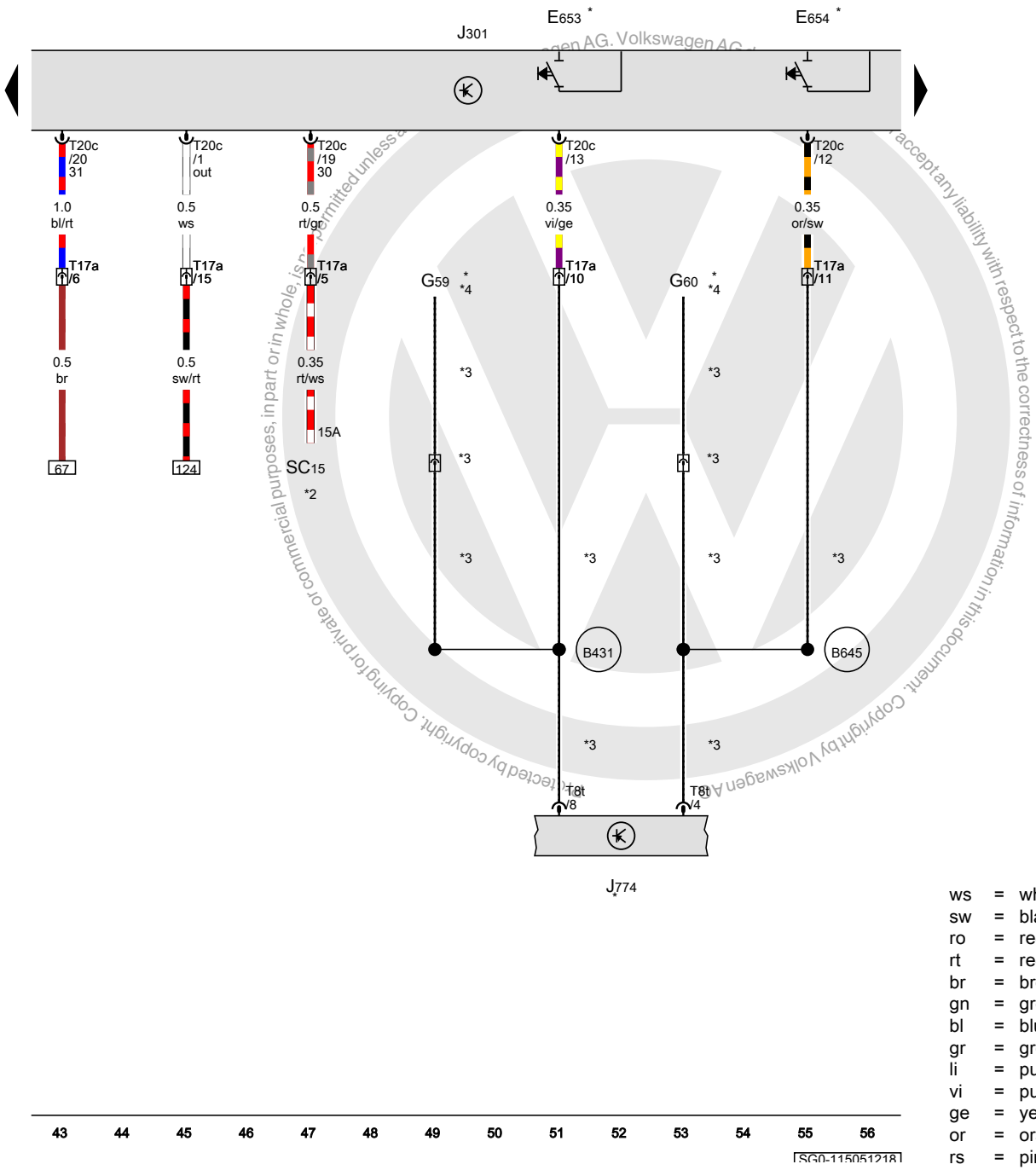
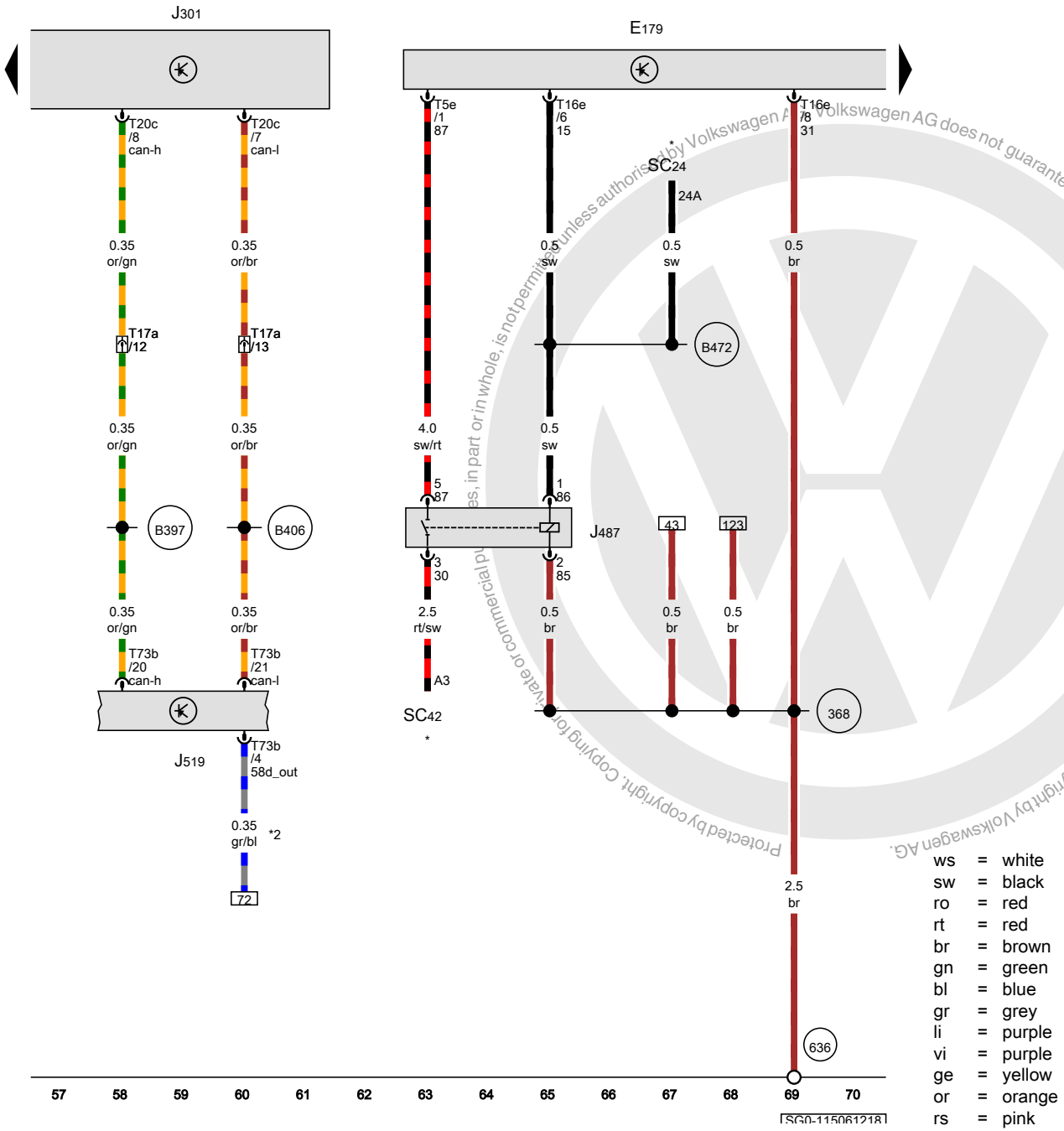


Button for left seat heating, Button for right seat heating, Air conditioning system control unit, Heated front seats control unit, Fuse 15 on fuse holder C

E653	Button for left seat heating
E654	Button for right seat heating
G59	Driver seat temperature sensor
G60	Front passenger seat temperature sensor
J301	Air conditioning system control unit
J774	Heated front seats control unit
SC15	Fuse 15 on fuse holder C
T8t	8-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
B431	Connection (seat heating), in main wiring harness
B645	Connection 2 (seat heating), in main wiring harness
*	For models with heated seats
*2	see applicable current flow diagram for fuse assignment
*3	see applicable current flow diagram for seat heating
*4	For left-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Rear fresh air blower switch, Air conditioning system control unit, Fresh air blower isolation relay, Onboard supply control unit, Fuse 42 on fuse holder C

E179	Rear fresh air blower switch, in centre of dash panel
J301	Air conditioning system control unit
J487	Fresh air blower isolation relay
J519	Onboard supply control unit
SC24	Fuse 24 on fuse holder C
SC42	Fuse 42 on fuse holder C
T5e	5-pin connector, black
T16e	16-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
T73b	73-pin connector, white
368	Earth connection 3, in main wiring harness
636	Earth point, onboard supply control unit
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B472	Connection 8, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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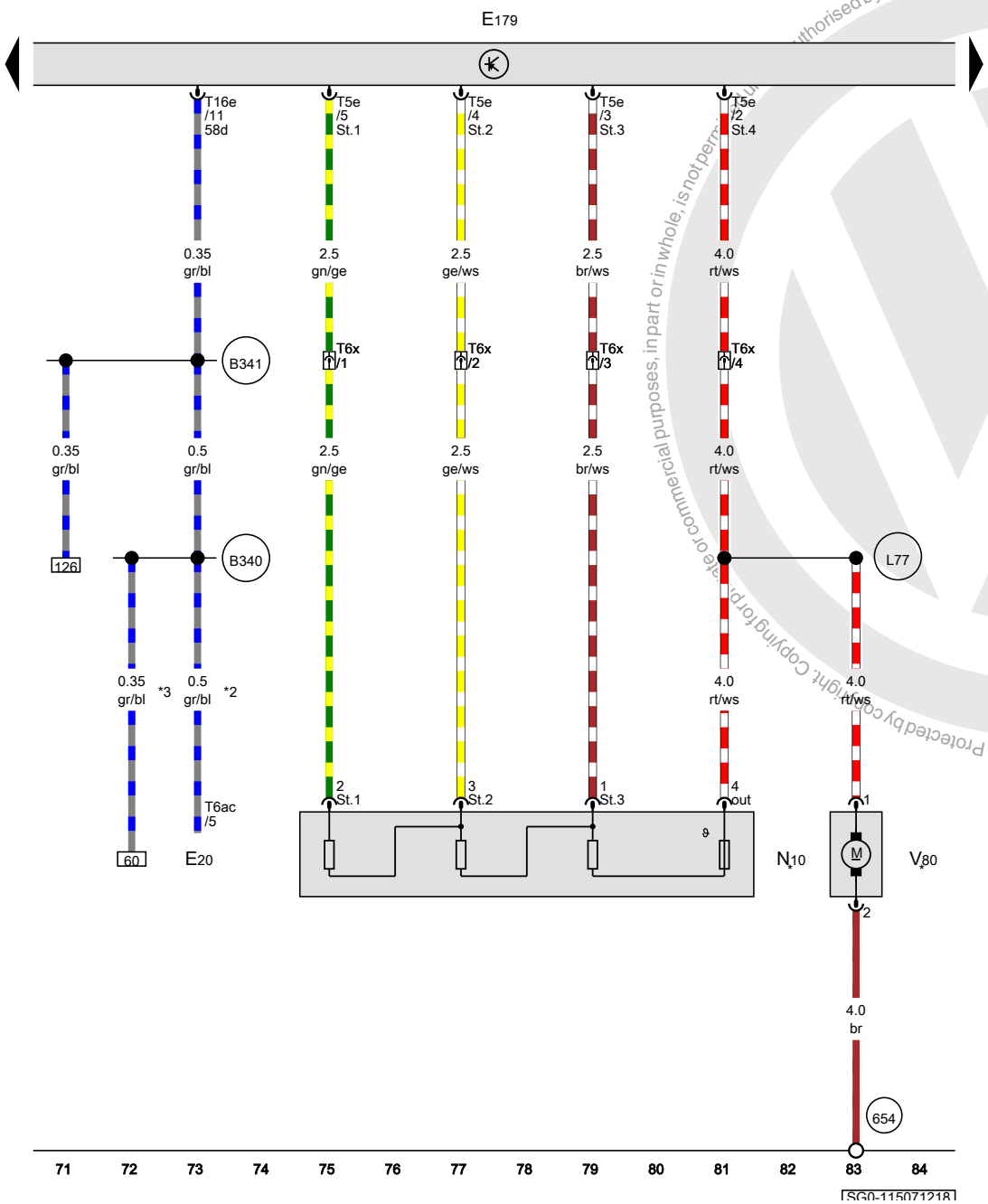

Rear fresh air blower switch, Series resistor for rear fresh air blower, Rear fresh air blower

E20	Switch and instrument illumination regulator
E179	Rear fresh air blower switch, in centre of dash panel
N10	Series resistor for rear fresh air blower
T5e	5-pin connector, black
T6ac	6-pin connector, black
T6x	6-pin connector, purple, under seat on front right
T16e	16-pin connector, black
V80	Rear fresh air blower
654	Earth point, on right D-pillar
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
L77	Connection, in fresh air blower wiring harness
*	For panel van and Kombi models, not for double cab
*2	For models with dimmable instrument illumination
*3	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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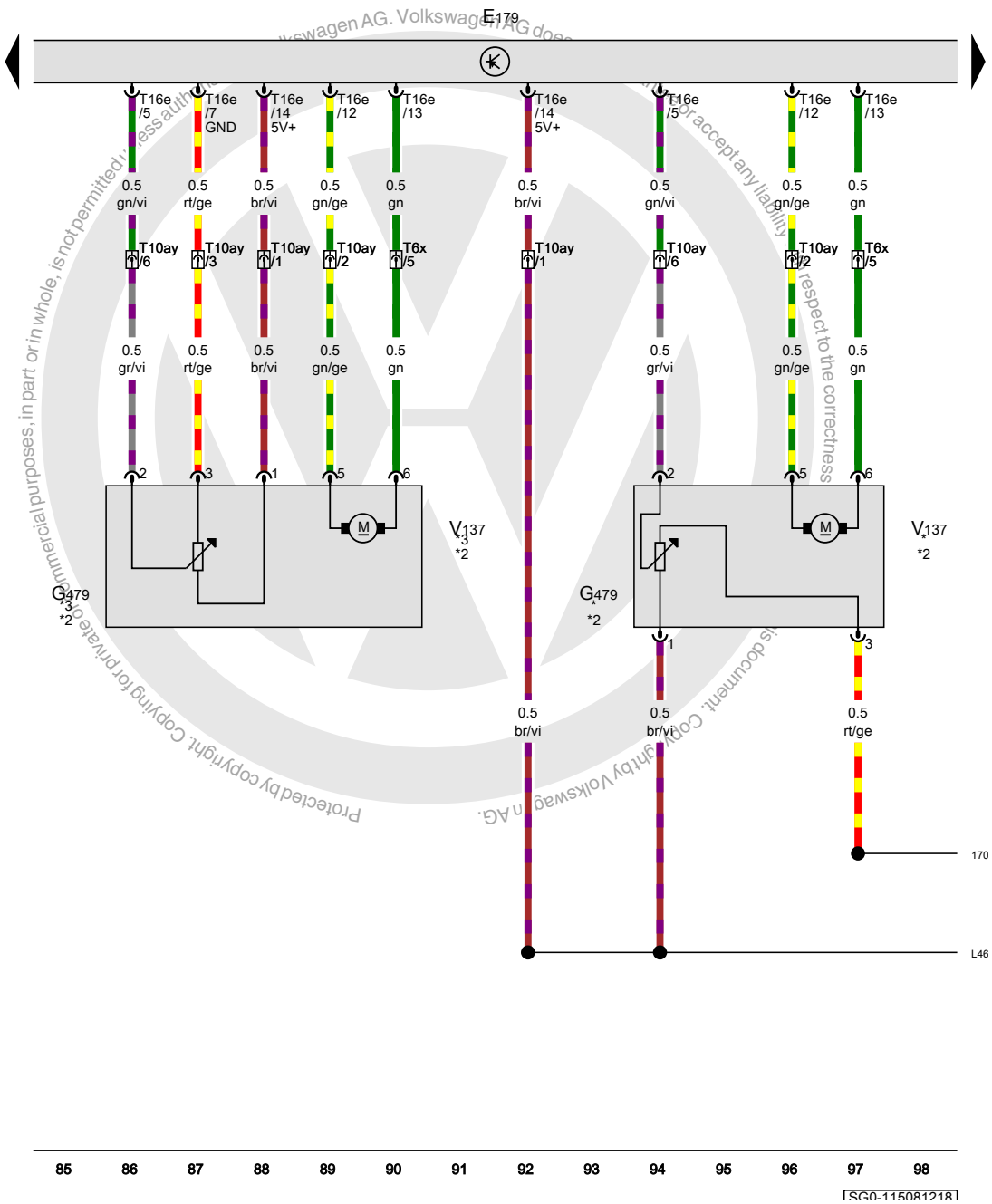

Rear fresh air blower switch, Potentiometer for rear temperature flap motor, Rear temperature flap control motor

E179	Rear fresh air blower switch, in centre of dash panel
G479	Potentiometer for rear temperature flap motor
T6x	6-pin connector, purple, under seat on front right
T10ay	10-pin connector, red, under seat on front right
T16e	16-pin connector, black
V137	Rear temperature flap control motor
170	Earth connection 1, in air conditioning system/Climatronic operating unit wiring harness
L46	Connection (5 Volt), in Climatronic operating unit wiring harness
*	For models with rear air distribution control motor
*2	For panel van and Kombi models, not for double cab
*3	For models with no rear air distribution control motor

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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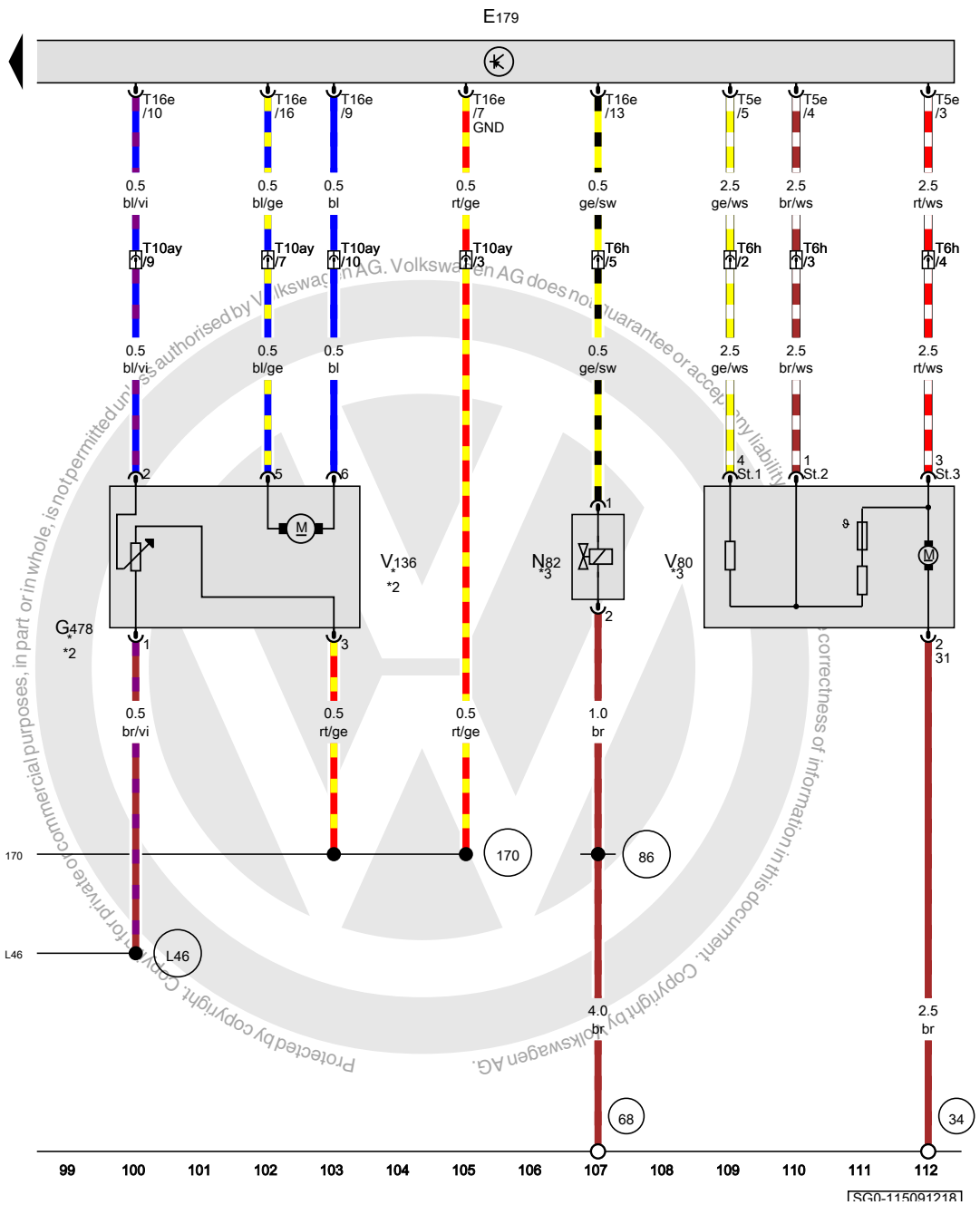

Rear fresh air blower switch, Potentiometer for rear air distribution control motor, Coolant shut-off valve, Rear fresh air blower, Rear air distribution control motor

E179	Rear fresh air blower switch, in centre of dash panel
G478	Potentiometer for rear air distribution control motor
N82	Coolant shut-off valve
T5e	5-pin connector, black
T6h	6-pin connector, purple, under seat on front left
T10ay	10-pin connector, red, under seat on front right
T16e	16-pin connector, black
V80	Rear fresh air blower
V136	Rear air distribution control motor
34	Earth point, under driver seat
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
170	Earth connection 1, in air conditioning system/Climatronic operating unit wiring harness
L46	Connection (5 Volt), in Climatronic operating unit wiring harness
*	For models with rear air distribution control motor
*2	For panel van and Kombi models, not for double cab
*3	For models with double cab

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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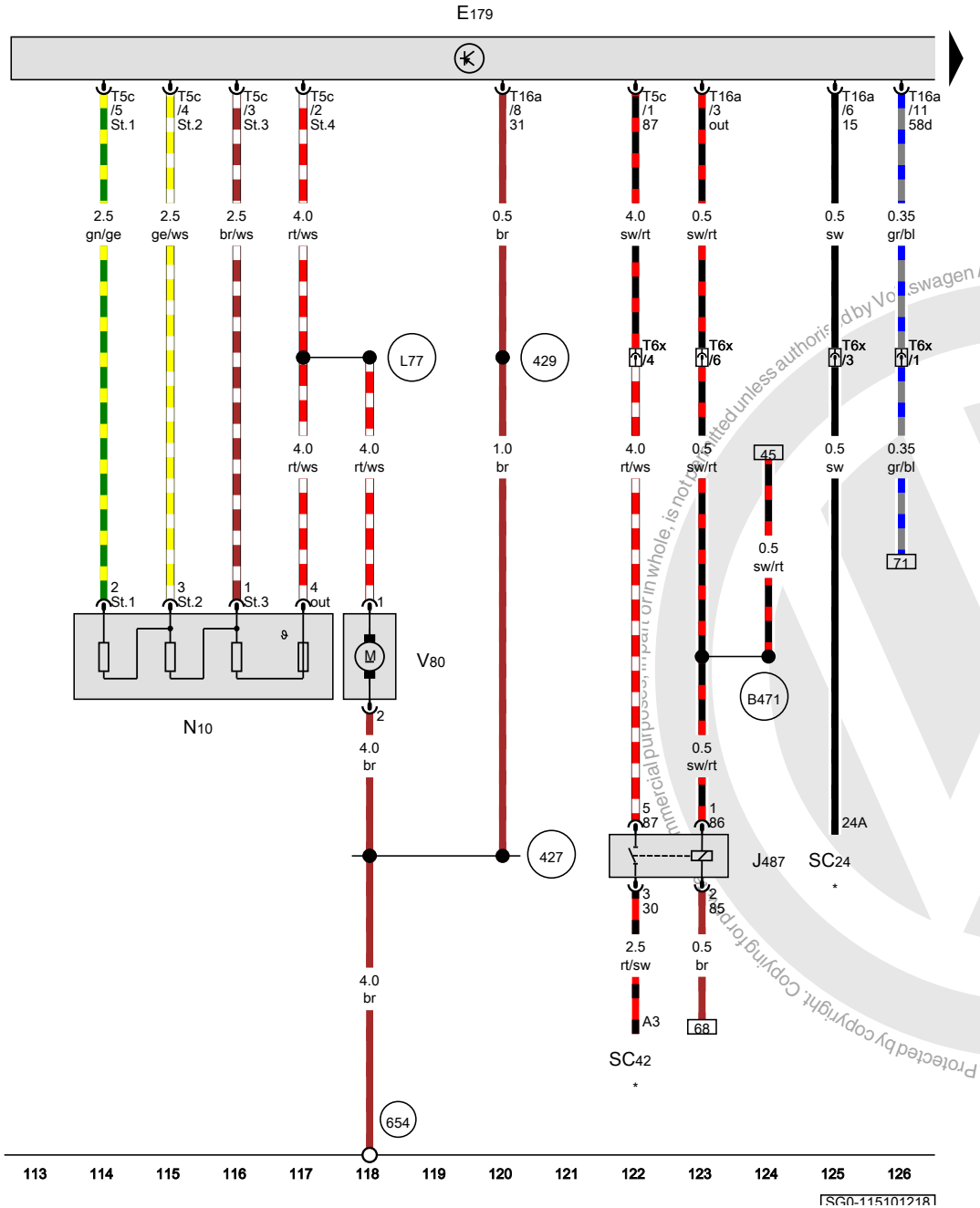
Rear fresh air blower switch, Fresh air blower isolation relay, Series resistor for rear fresh air blower, Fuse 42 on fuse holder C, Rear fresh air blower



E179	Rear fresh air blower switch, in roof
J487	Fresh air blower isolation relay
N10	Series resistor for rear fresh air blower
SC24	Fuse 24 on fuse holder C
SC42	Fuse 42 on fuse holder C
T5c	5-pin connector, black
T6x	6-pin connector, purple, under seat on front right
T16a	16-pin connector, black
V80	Rear fresh air blower
427	Earth connection 3, in right rear end wiring harness
429	Earth connection 4, in right rear end wiring harness
654	Earth point, on right D-pillar
B471	Connection 7, in main wiring harness
L77	Connection, in fresh air blower wiring harness
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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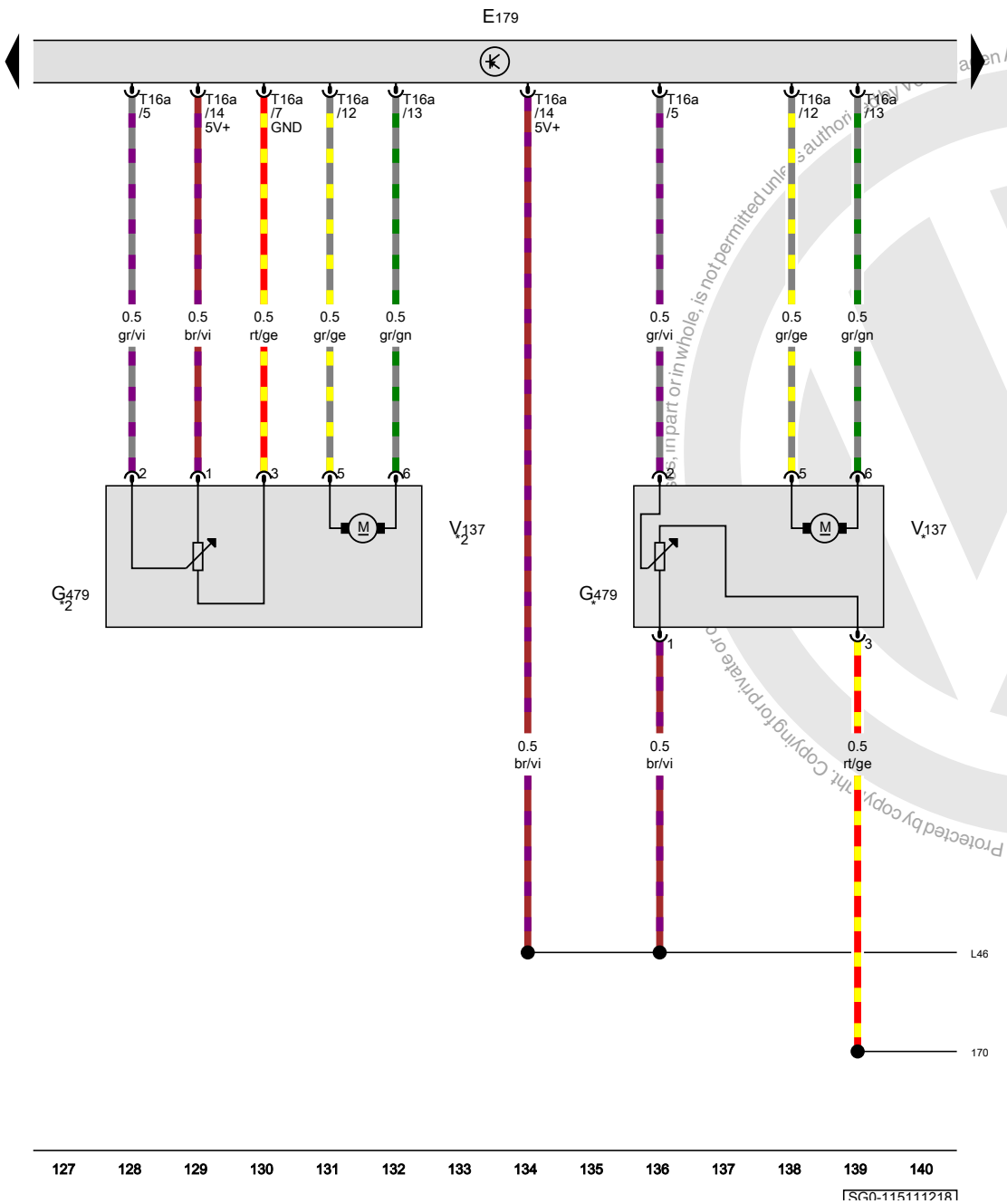
Rear fresh air blower switch, Potentiometer for rear temperature flap motor, Rear temperature flap control motor



E179	Rear fresh air blower switch, in roof
G479	Potentiometer for rear temperature flap motor
T16a	16-pin connector, black
V137	Rear temperature flap control motor
170	Earth connection 1, in air conditioning system/Climatronic operating unit wiring harness
L46	Connection (5 Volt), in Climatronic operating unit wiring harness
*	For models with rear air distribution control motor
*2	For models with no rear air distribution control motor

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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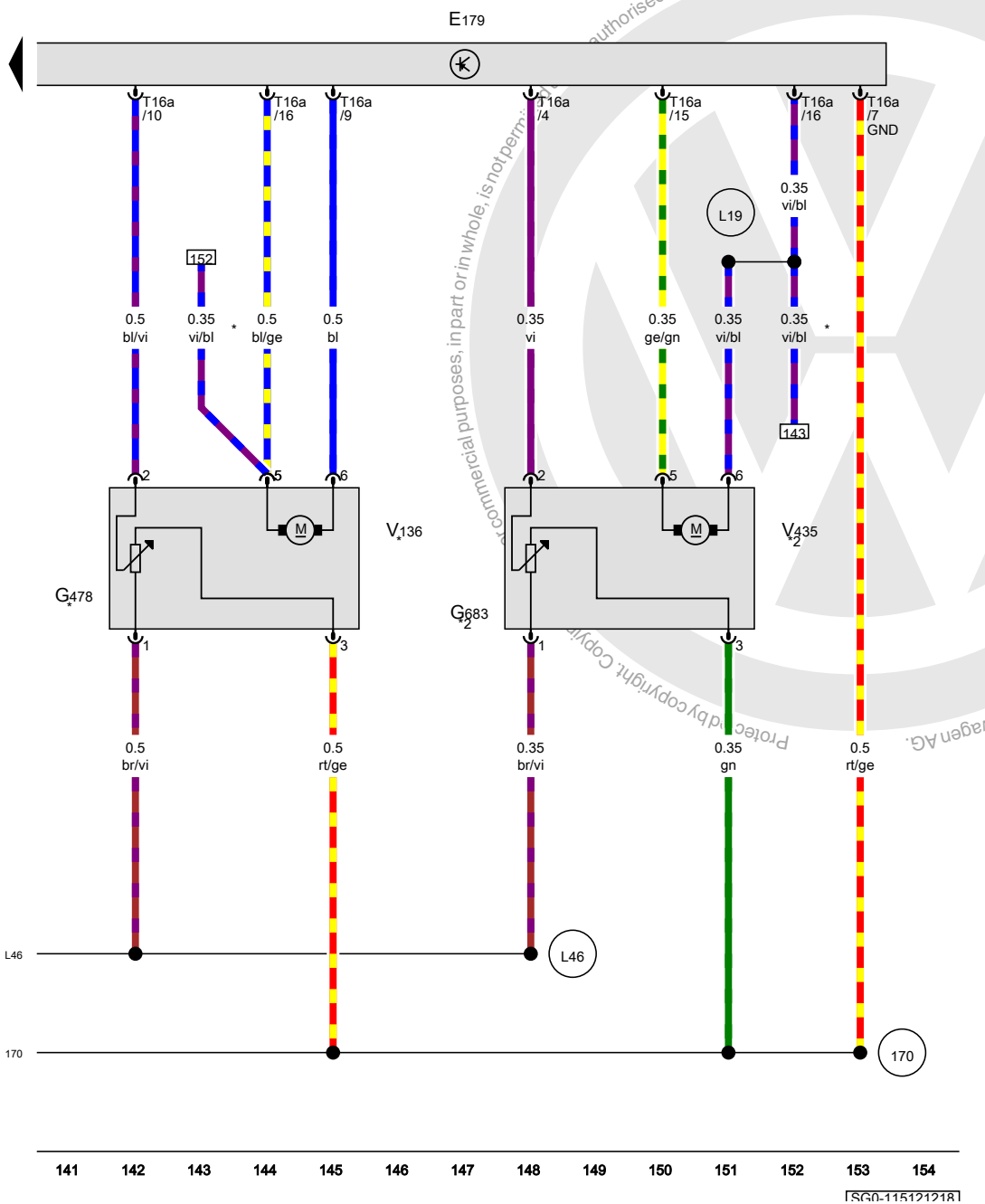

Rear fresh air blower switch, Potentiometer for rear air distribution control motor, Potentiometer for rear air distribution control motor 2, Rear air distribution control motor, Rear air distribution control motor 2

E179	Rear fresh air blower switch, in roof
G478	Potentiometer for rear air distribution control motor
G683	Potentiometer for rear air distribution control motor 2
T16a	16-pin connector, black
V136	Rear air distribution control motor
V435	Rear air distribution control motor 2
170	Earth connection 1, in air conditioning system/Climatronic operating unit wiring harness
L19	Connection 1 (control motor), in Climatronic operating unit wiring harness
L46	Connection (5 Volt), in Climatronic operating unit wiring harness
*	For models with rear air distribution control motor
*2	For models with side window vents in passenger compartment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Climatronic , (9AH)

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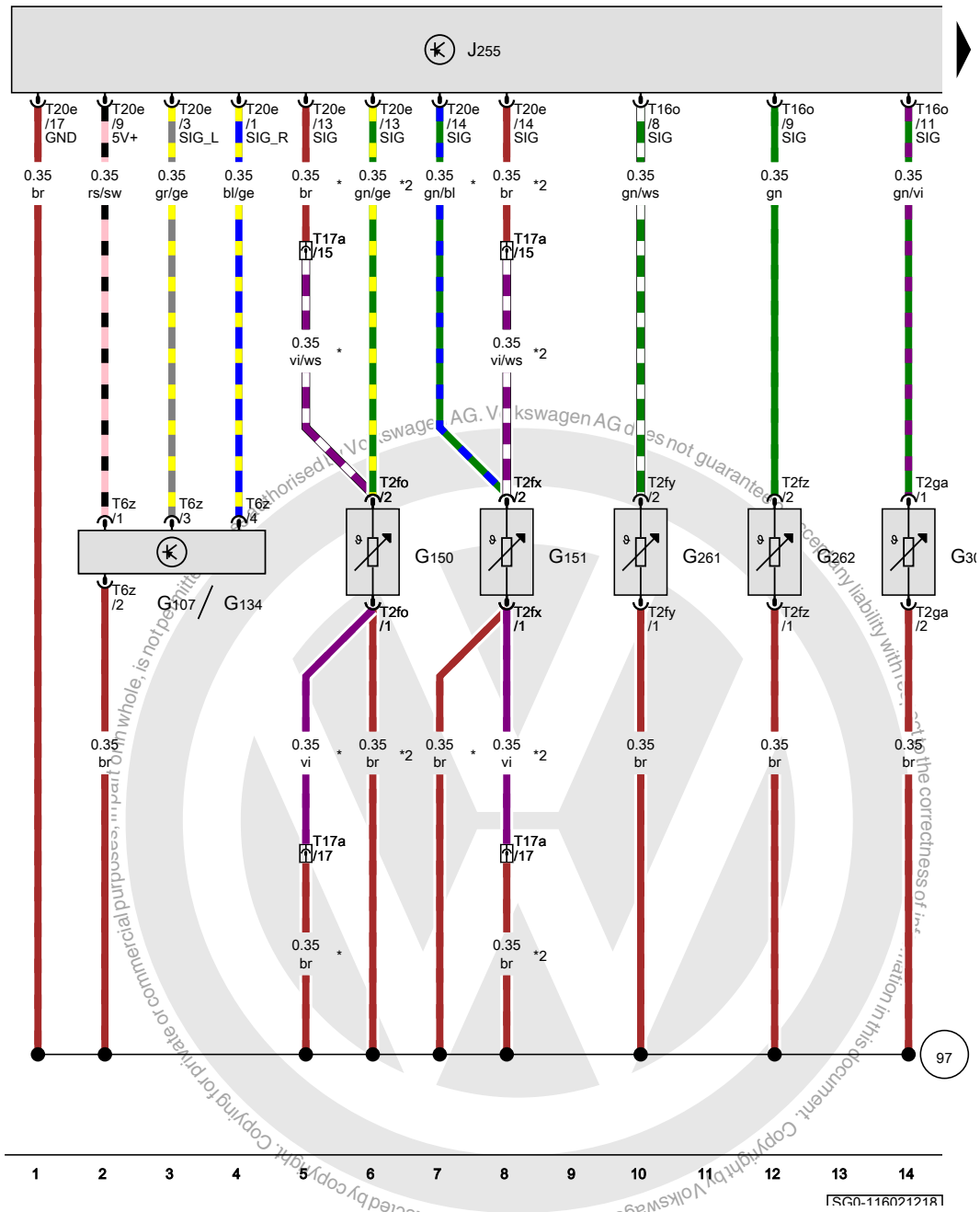

Sunlight penetration photosensor, Sunlight penetration photosensor 2, Left vent temperature sender, Right vent temperature sender, Left footwell vent temperature sender, Right footwell vent temperature sender, Evaporator temperature sensor, Climatronic control unit

G107	Sunlight penetration photosensor
G134	Sunlight penetration photosensor 2
G150	Left vent temperature sender
G151	Right vent temperature sender
G261	Left footwell vent temperature sender
G262	Right footwell vent temperature sender
G308	Evaporator temperature sensor
J255	Climatronic control unit
T2fo	2-pin connector, black
T2fx	2-pin connector, black
T2fy	2-pin connector, black
T2fz	2-pin connector, black
T2ga	2-pin connector, black
T6z	6-pin connector, black
T16o	16-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T20e	20-pin connector, black
97	Earth connection 1, in air conditioning system wiring harness
*	For left-hand drive models
*2	For right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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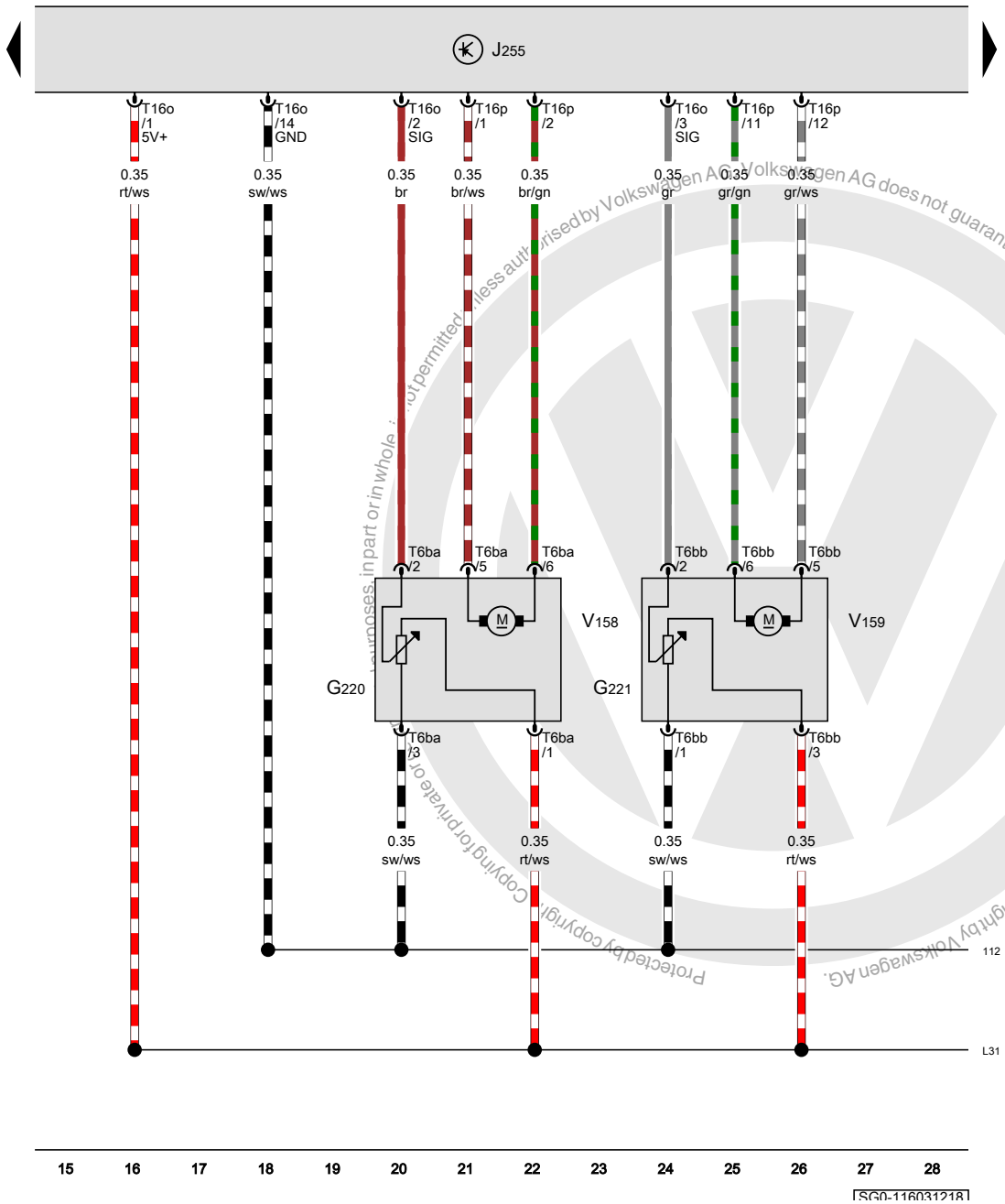

Potentiometer for left temperature flap control motor, Potentiometer for right temperature flap control motor, Climatronic control unit, Left temperature flap control motor, Right temperature flap control motor

G220	Potentiometer for left temperature flap control motor
G221	Potentiometer for right temperature flap control motor
J255	Climatronic control unit
T6ba	6-pin connector, blue
T6bb	6-pin connector, blue
T16o	16-pin connector, black
T16p	16-pin connector, brown
V158	Left temperature flap control motor
V159	Right temperature flap control motor
112	Earth connection 2, in air conditioning system wiring harness
L31	Connection (5V), in air conditioning system wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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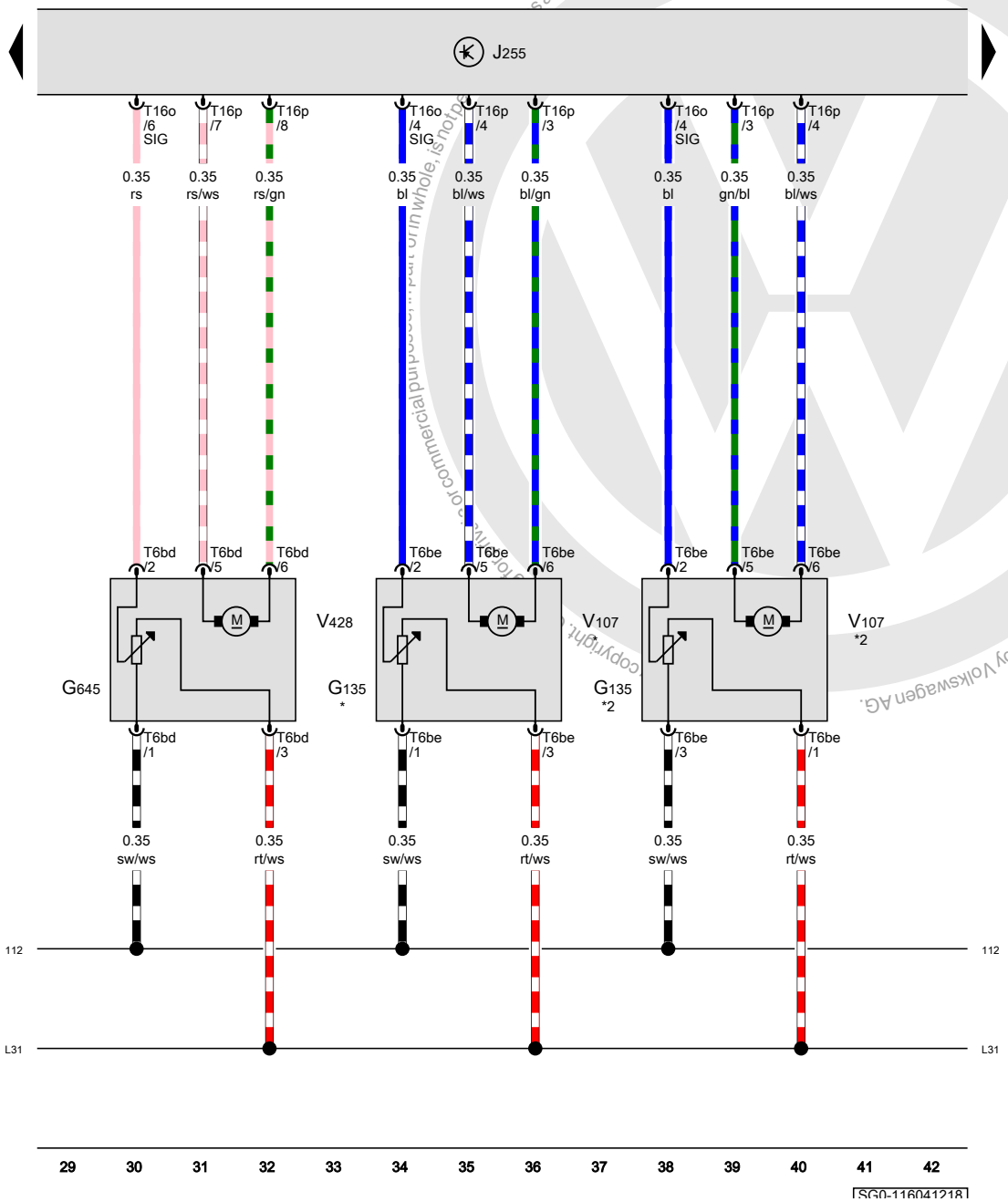

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Potentiometer for defroster flap control motor, Potentiometer for air distribution flap control motor, Climatronic control unit, Defroster flap control motor, Air distribution flap control motor

G135	Potentiometer for defroster flap control motor
G645	Potentiometer for air distribution flap control motor
J255	Climatronic control unit
T6bd	6-pin connector, blue
T6be	6-pin connector, blue
T16o	16-pin connector, black
T16p	16-pin connector, brown
V107	Defroster flap control motor
V428	Air distribution flap control motor
112	Earth connection 2, in air conditioning system wiring harness
L31	Connection (5V), in air conditioning system wiring harness
*	For left-hand drive models
*2	For right-hand drive models

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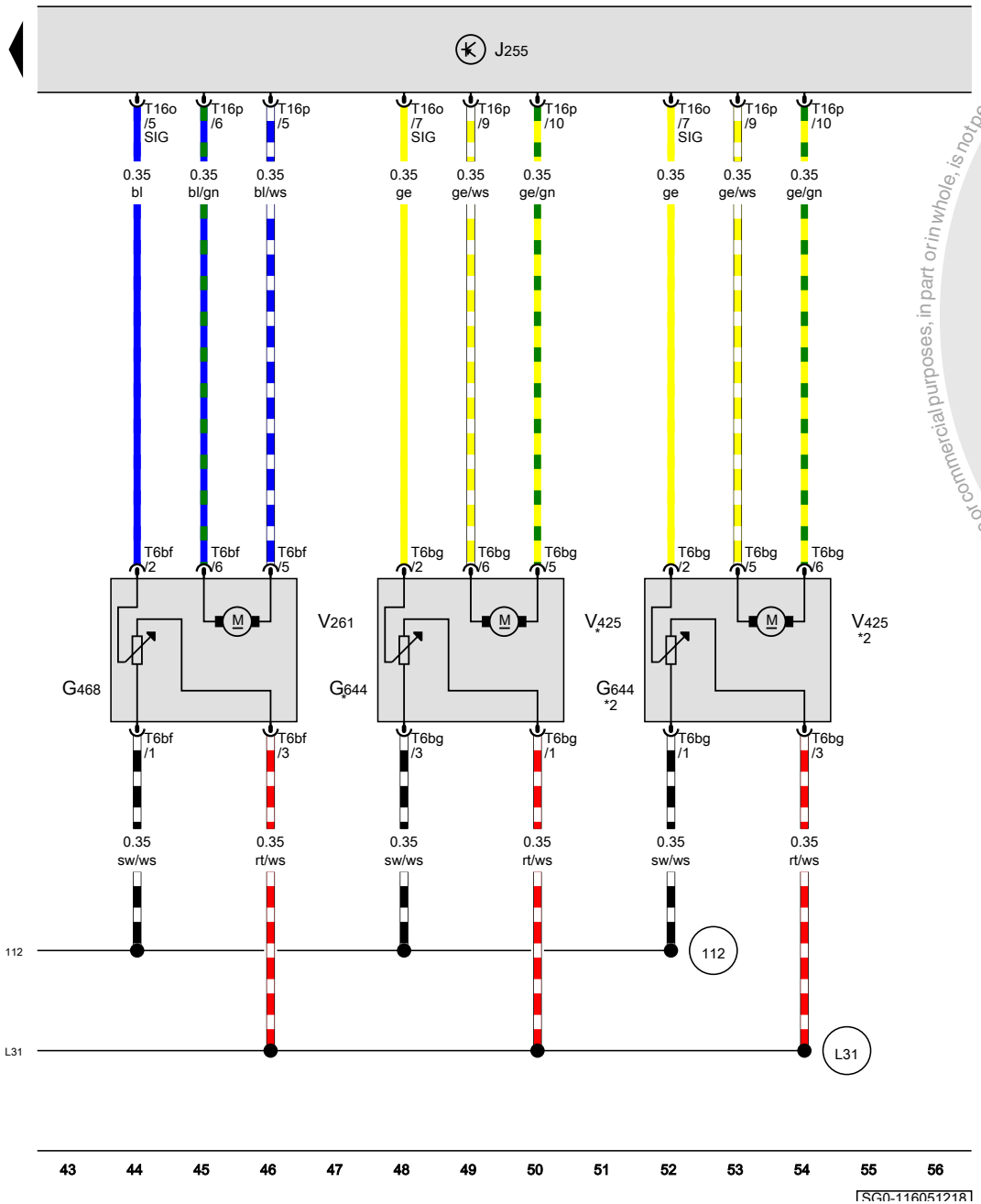

Potentiometer for footwell vent control motor, Potentiometer for fresh air/air recirculation, air flow flap control motor, Climatronic control unit, Footwell flap control motor, Fresh air/air recirculation, air flow flap control motor

G468	Potentiometer for footwell vent control motor
G644	Potentiometer for fresh air/air recirculation, air flow flap control motor
J255	Climatronic control unit
T6bf	6-pin connector, blue
T6bg	6-pin connector, blue
T16o	16-pin connector, black
T16p	16-pin connector, brown
V261	Footwell flap control motor
V425	Fresh air/air recirculation, air flow flap control motor
112	Earth connection 2, in air conditioning system wiring harness
L31	Connection (5V), in air conditioning system wiring harness
*	For left-hand drive models
*2	For right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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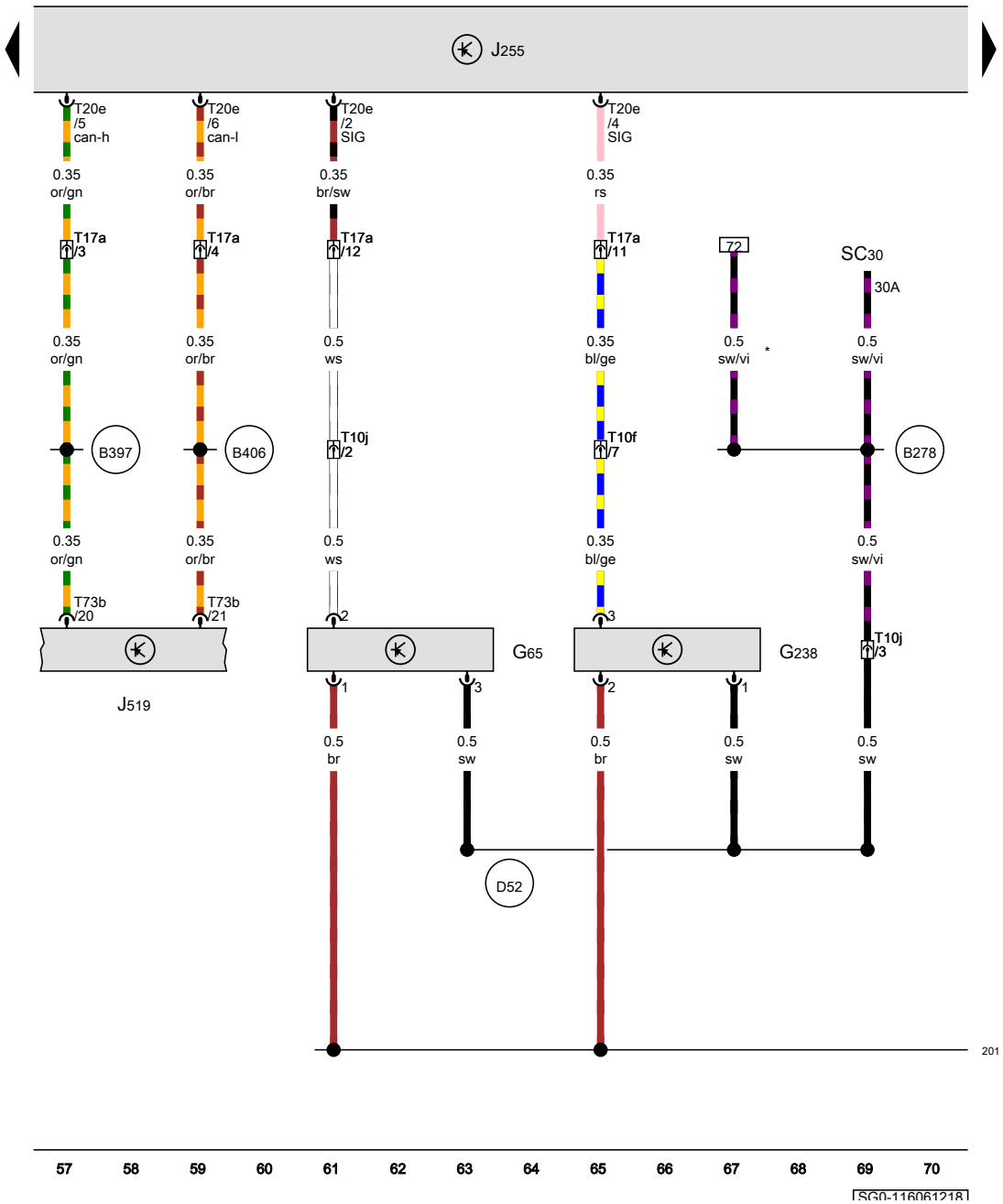

High-pressure sender, Air quality sensor, Climatronic control unit, Onboard supply control unit, Fuse 30 on fuse holder C

G65	High-pressure sender
G238	Air quality sensor
J255	Climatronic control unit
J519	Onboard supply control unit
SC30	Fuse 30 on fuse holder C
T10f	10-pin connector, green, in E-box in engine compartment
T10j	10-pin connector, dark brown, in E-box in engine compartment
T17a	17-pin connector, black, behind glove compartment
T20e	20-pin connector, black
T73b	73-pin connector, white
201	Earth connection 5, in engine compartment wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
D52	Positive connection (15a), in engine compartment wiring harness
*	For countries with hot climate

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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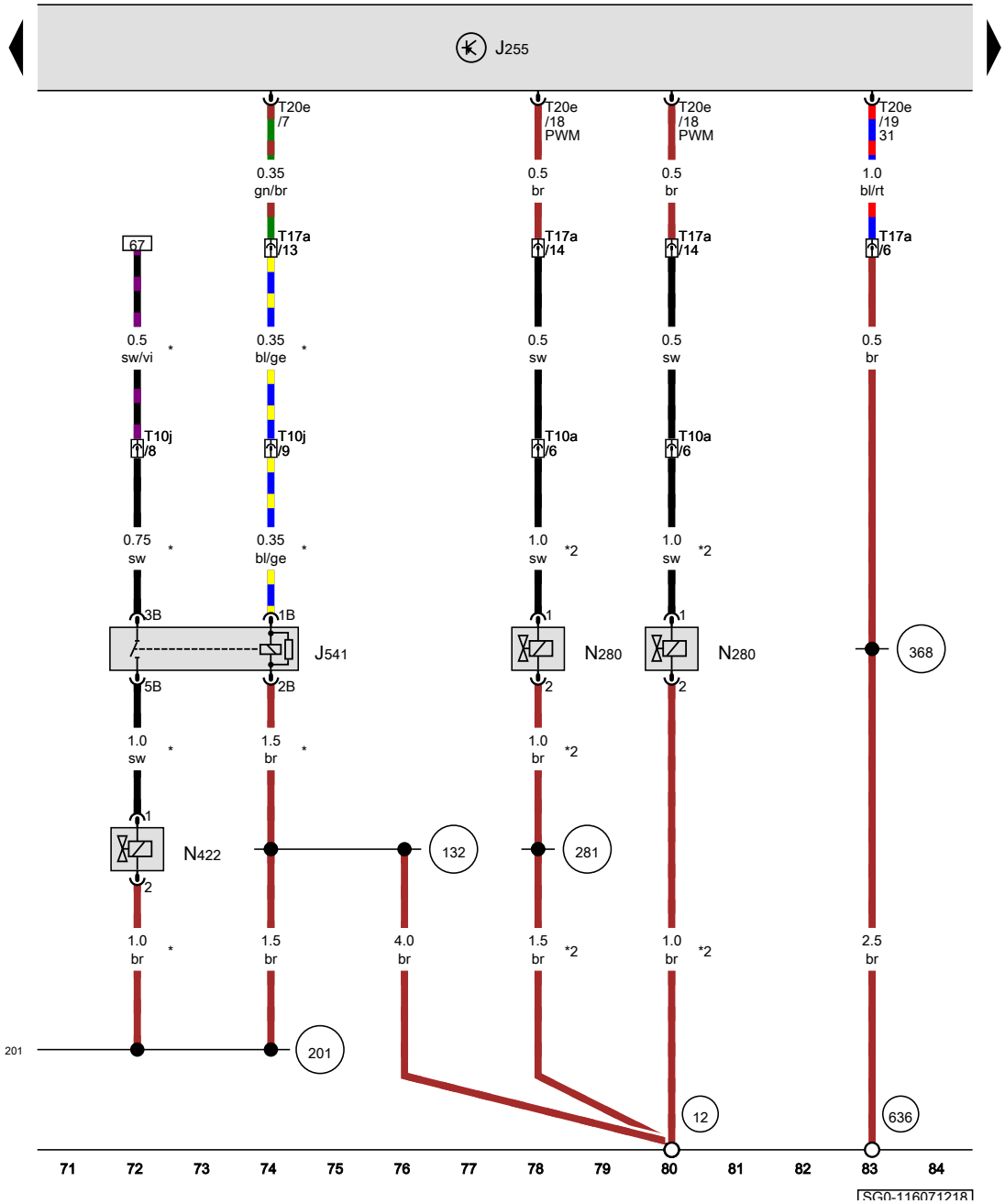
Climatronic control unit, Coolant shut-off valve relay, Air conditioner compressor regulating valve, Climatronic coolant shut-off valve



J255	Climatronic control unit
J541	Coolant shut-off valve relay
N280	Air conditioner compressor regulating valve
N422	Climatronic coolant shut-off valve
T10a	10-pin connector, brown, in E-box in engine compartment
T10j	10-pin connector, dark brown, in E-box in engine compartment
T17a	17-pin connector, black, behind glove compartment
T20e	20-pin connector, black
12	Earth point, on left in engine compartment
132	Earth connection 3, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
368	Earth connection 3, in main wiring harness
636	Earth point, onboard supply control unit
*	For countries with hot climate
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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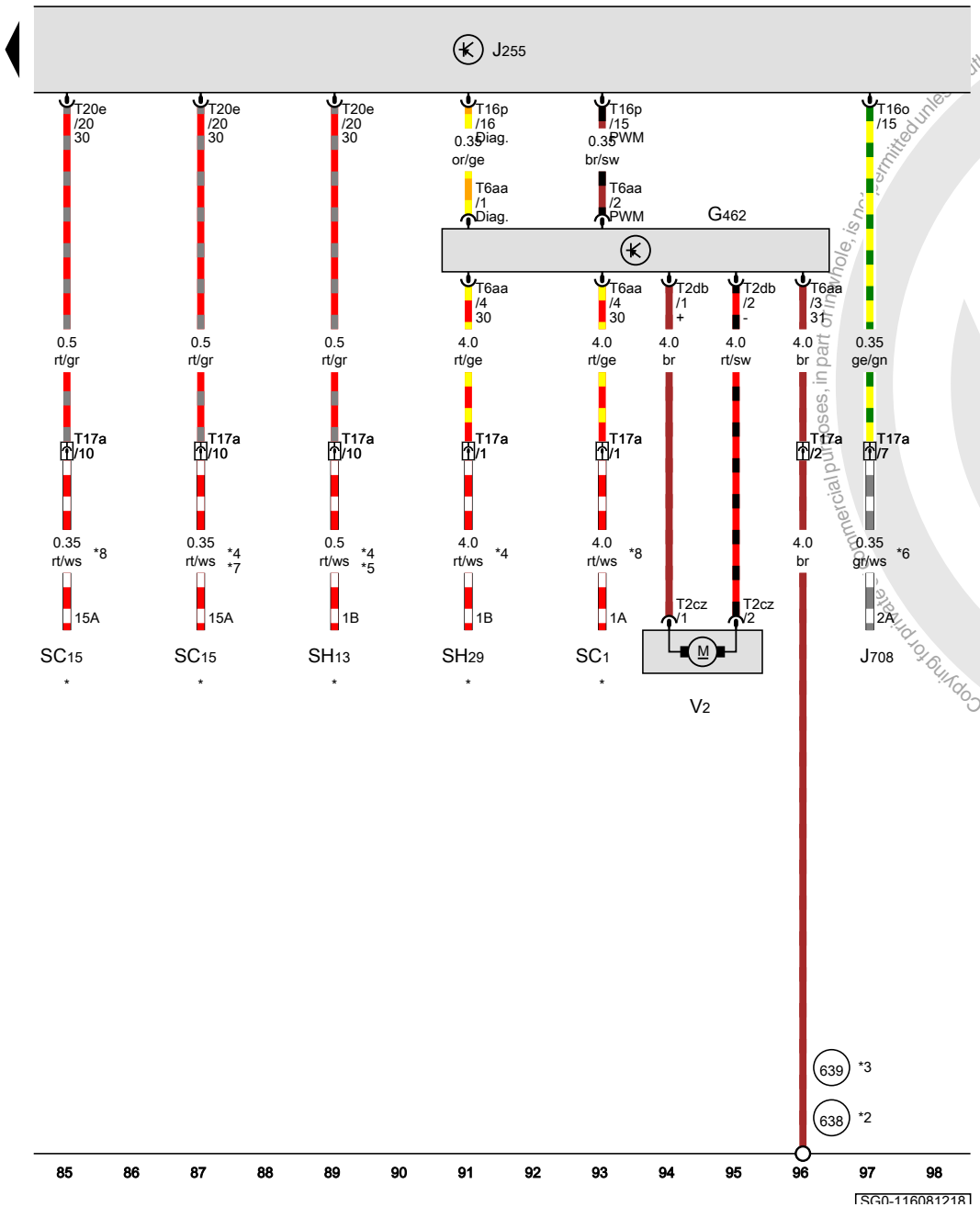

Sender for front Bitron blower regulation, Climatronic control unit, Fuse 1 on fuse holder C, Fuse 13 in fuse holder H, Fuse 15 on fuse holder C, Fuse 29 in fuse holder H, Fresh air blower

G462	Sender for front Bitron blower regulation
J255	Climatronic control unit
J708	Residual heat relay
SC1	Fuse 1 on fuse holder C
SH13	Fuse 13 in fuse holder H
SC15	Fuse 15 on fuse holder C
SH29	Fuse 29 in fuse holder H
T2cz	2-pin connector, black
T2db	2-pin connector, black
T6aa	6-pin connector, brown
T16o	16-pin connector, black
T16p	16-pin connector, brown
T17a	17-pin connector, black, behind glove compartment
T20e	20-pin connector, black
V2	Fresh air blower
638	Earth point, on right A-pillar
639	Earth point, left A-pillar
*	see applicable current flow diagram for fuse assignment
*2	For left-hand drive models
*3	For right-hand drive models
*4	For models with auxiliary coolant heater
*5	For models with start/stop system
*6	see applicable current flow diagram for auxiliary coolant heater
*7	For models with no start/stop system
*8	For models with no auxiliary coolant heater

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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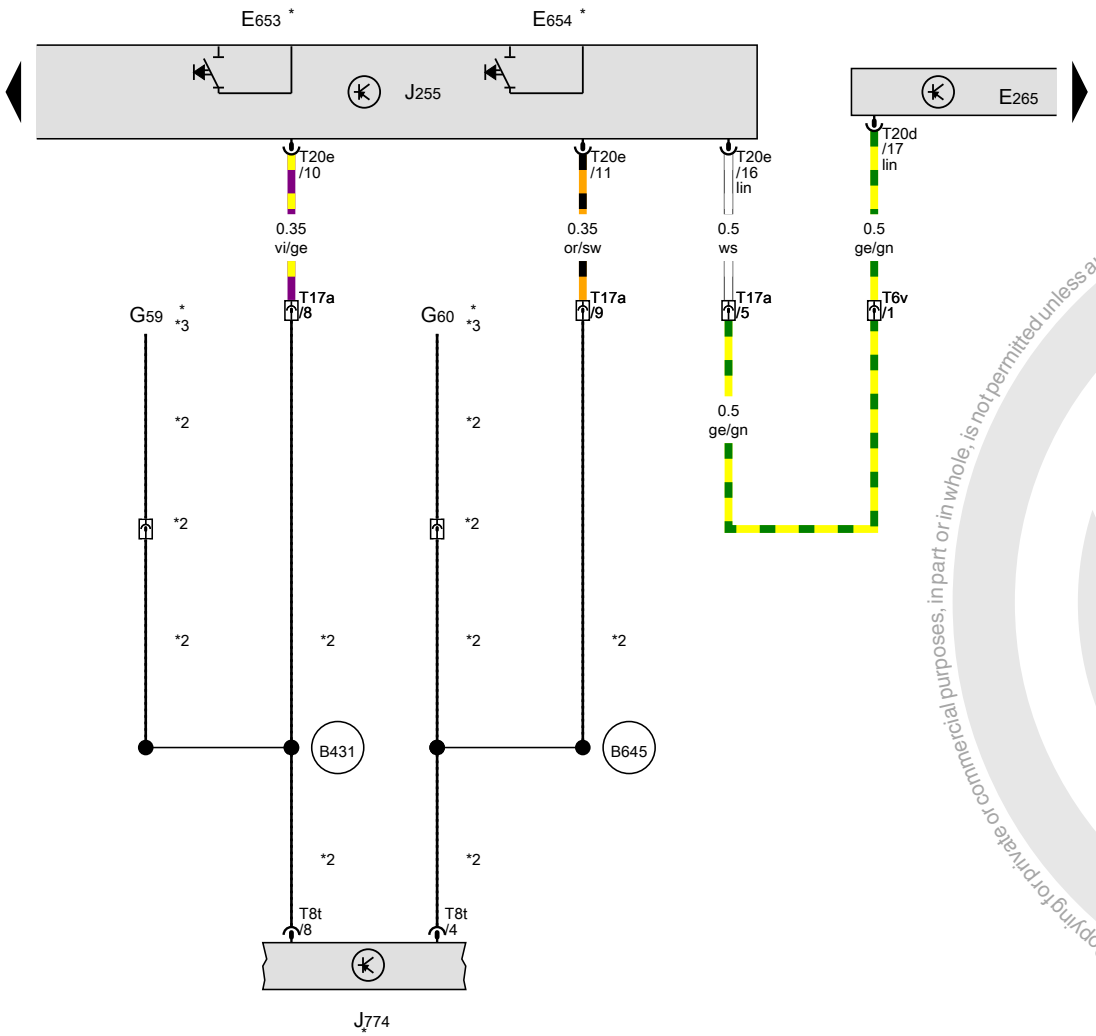

Operating and display unit for rear air conditioning system, Button for left seat heating, Button for right seat heating, Climatronic control unit, Heated front seats control unit

E265	Operating and display unit for rear air conditioning system
E653	Button for left seat heating
E654	Button for right seat heating
G59	Driver seat temperature sensor
G60	Front passenger seat temperature sensor
J255	Climatronic control unit
J774	Heated front seats control unit
T6v	6-pin connector, white, under seat on front right
T8t	8-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T20d	20-pin connector, black
T20e	20-pin connector, black
B431	Connection (seat heating), in main wiring harness
B645	Connection 2 (seat heating), in main wiring harness
*	For models with heated seats
*2	see applicable current flow diagram for seat heating
*3	For left-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

99 100 101 102 103 104 105 106 107 108 109 110 111 112

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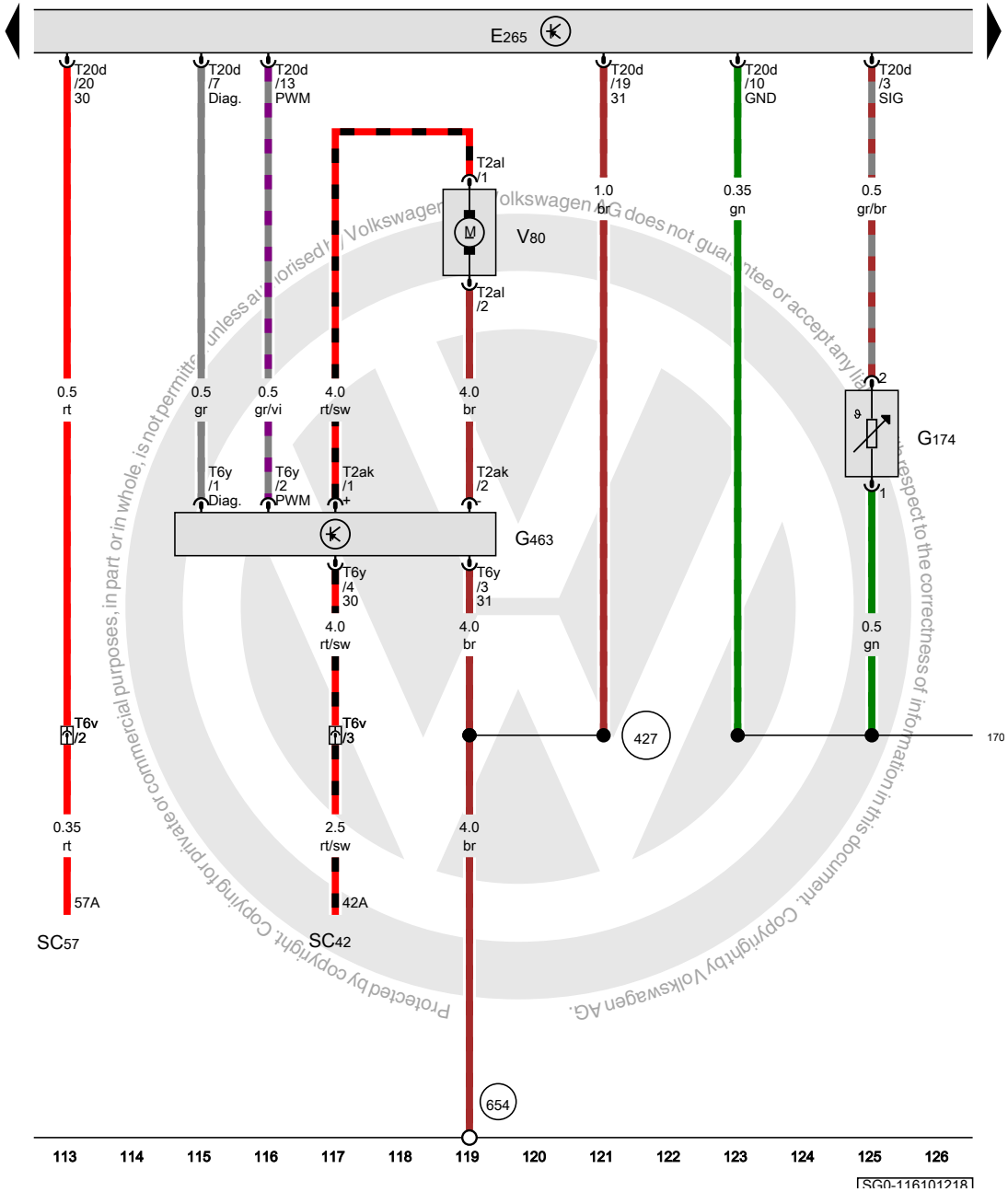

Operating and display unit for rear air conditioning system, Rear vent temperature sender, Rear blower regulation sender, Fuse 42 on fuse holder C, Fuse 57 on fuse holder C, Rear fresh air blower

E265	Operating and display unit for rear air conditioning system
G174	Rear vent temperature sender
G463	Rear blower regulation sender
SC42	Fuse 42 on fuse holder C
SC57	Fuse 57 on fuse holder C
T2ak	2-pin connector, black
T2al	2-pin connector, black
T6v	6-pin connector, white, under seat on front right
T6y	6-pin connector, brown
T20d	20-pin connector, black
V80	Rear fresh air blower
170	Earth connection 1, in air conditioning system/Climatronic operating unit wiring harness
427	Earth connection 3, in right rear end wiring harness
654	Earth point, on right D-pillar

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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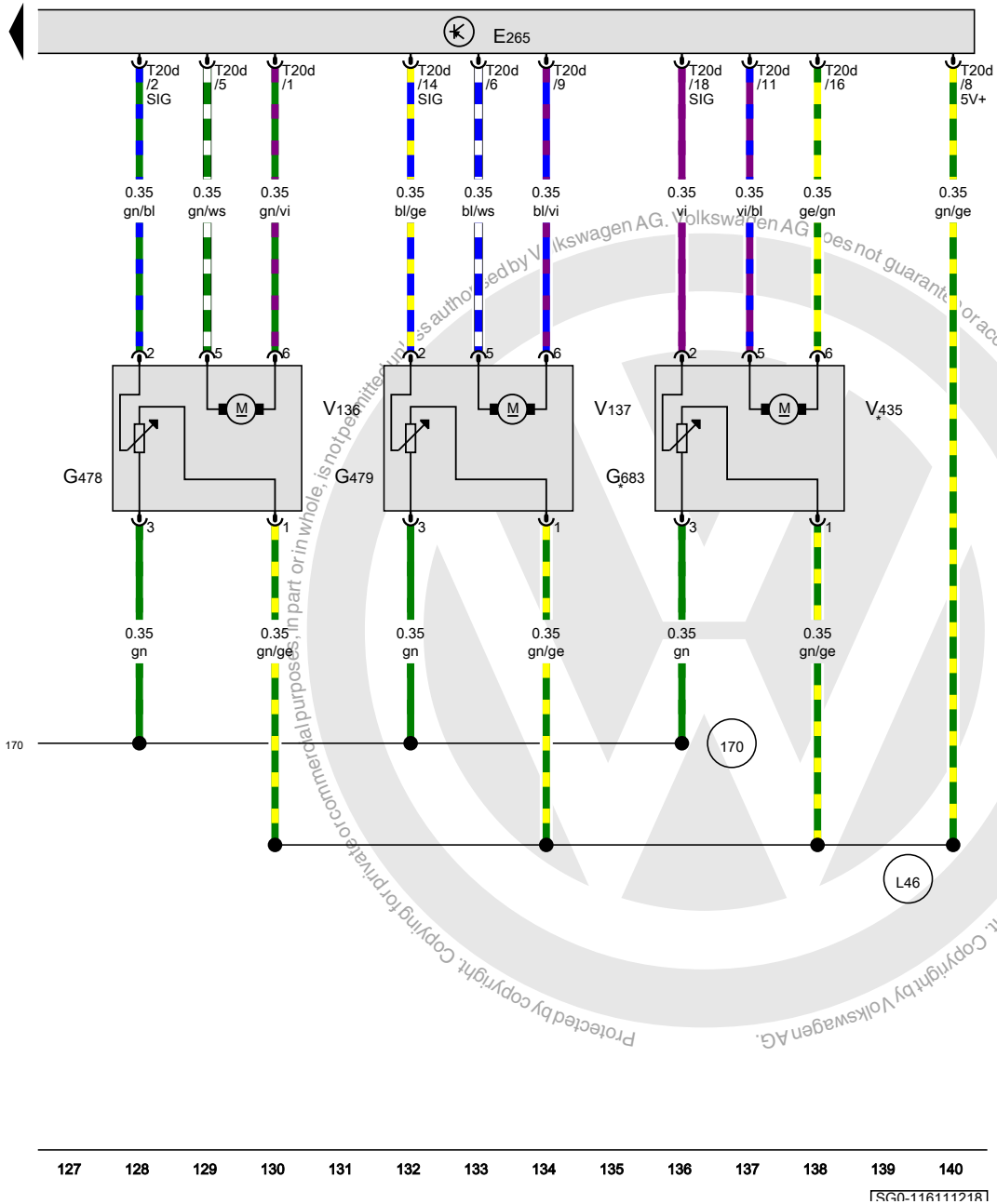

Operating and display unit for rear air conditioning system, Potentiometer for rear air distribution control motor, Potentiometer for rear temperature flap motor, Potentiometer for rear air distribution control motor 2, Rear air distribution control motor, Rear temperature flap control motor, Rear air distribution control motor 2

E265	Operating and display unit for rear air conditioning system
G478	Potentiometer for rear air distribution control motor
G479	Potentiometer for rear temperature flap motor
G683	Potentiometer for rear air distribution control motor 2
T20d	20-pin connector, black
V136	Rear air distribution control motor
V137	Rear temperature flap control motor
V435	Rear air distribution control motor 2
170	Earth connection 1, in air conditioning system/Climatronic operating unit wiring harness
L46	Connection (5 Volt), in Climatronic operating unit wiring harness
*	For models with side window vents in passenger compartment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Airbag systems , (L0R)

From June 2016

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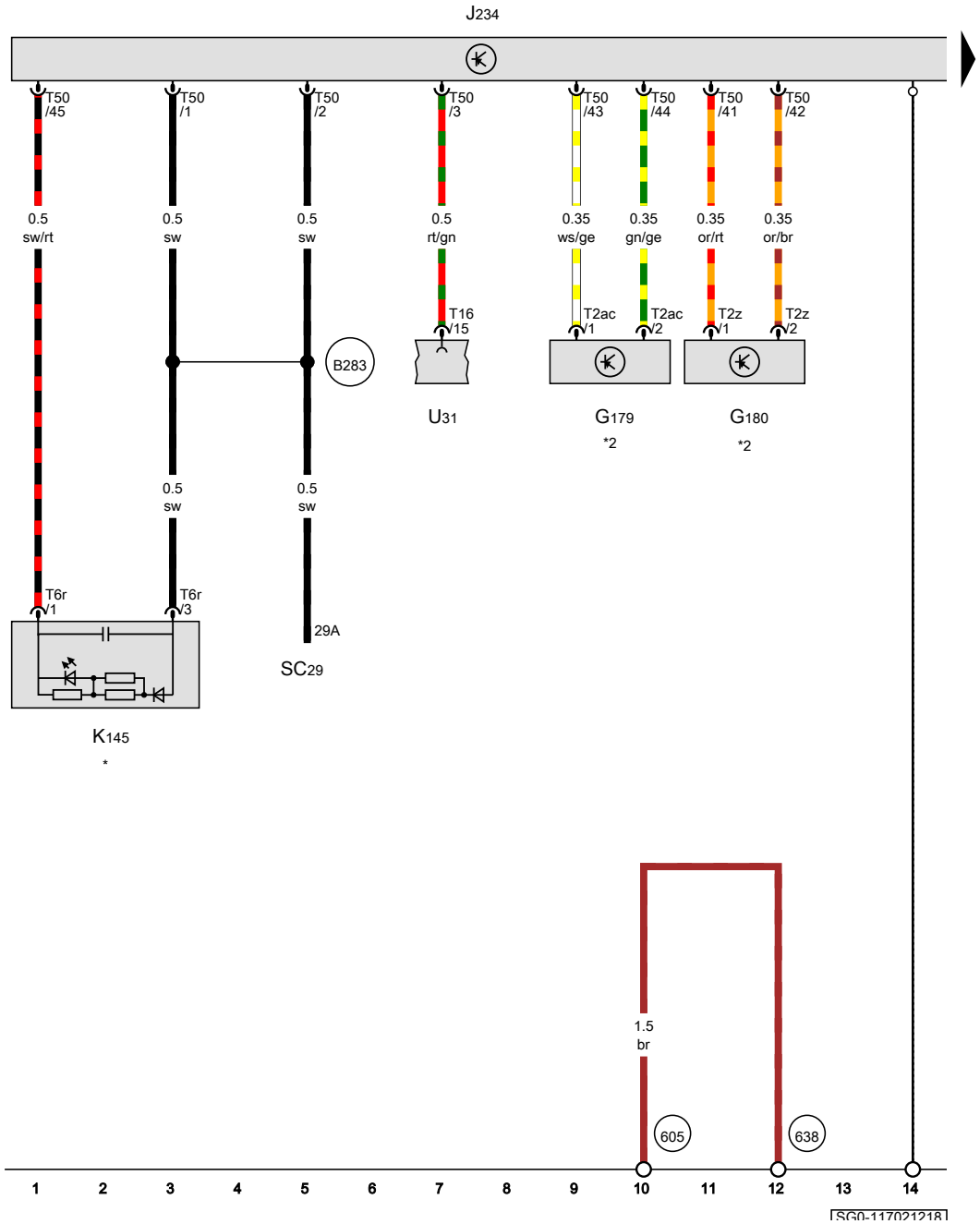
Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Airbag control unit, Warning lamp for airbag deactivated on front passenger side, Fuse 29 on fuse holder C, Diagnostic connection



G179	Side airbag crash sensor on driver side
G180	Side airbag crash sensor on front passenger side
J234	Airbag control unit
K145	Warning lamp for airbag deactivated on front passenger side
SC29	Fuse 29 on fuse holder C
T2ac	2-pin connector, yellow, lower part of B-pillar, driver side
T2z	2-pin connector, yellow, lower part of B-pillar, front passenger side
T6r	6-pin connector, green
T16	16-pin connector, black
T50	50-pin connector, yellow
U31	Diagnostic connection
605	Earth point, on top end of steering column
638	Earth point, on right A-pillar
B283	Positive connection 7 (15a) in main wiring harness
*	For models with key-operated switch to deactivate airbag
*2	For models with front head-thorax airbag

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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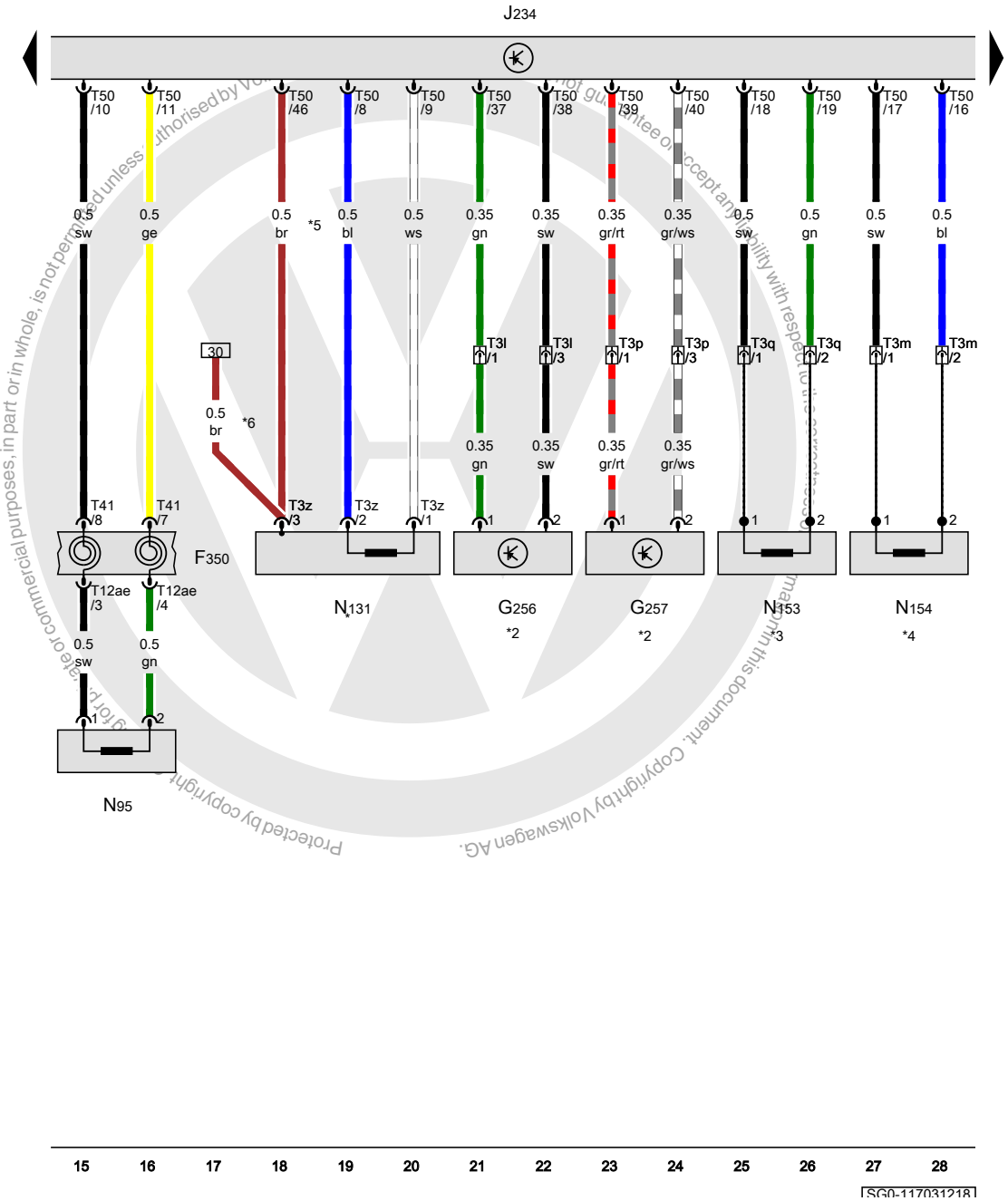

Coil connector, Rear side airbag crash sensor on driver side, Rear side airbag crash sensor on passenger side, Airbag control unit, Airbag igniter on driver side, Airbag igniter 1 on front passenger side, Driver seat belt tensioner igniter 1, Front passenger seat belt tensioner igniter 1

F350	Coil connector
G256	Rear side airbag crash sensor on driver side
G257	Rear side airbag crash sensor on passenger side
J234	Airbag control unit
N95	Airbag igniter on driver side
N131	Airbag igniter 1 on front passenger side
N153	Driver seat belt tensioner igniter 1
N154	Front passenger seat belt tensioner igniter 1
T3l	3-pin connector, yellow, under driver seat
T3m	3-pin connector, yellow, lower part of B-pillar, front passenger side
T3p	3-pin connector, yellow, under front passenger seat
T3q	3-pin connector, yellow, lower part of B-pillar, driver side
T3z	3-pin connector, yellow
T12ae	12-pin connector, yellow, in steering wheel
T41	41-pin connector, grey
T50	50-pin connector, yellow
*	For models with front passenger airbag
*2	For models with rear curtain airbag
*3	For models with driver side belt tensioner
*4	For models with front passenger side belt tensioner
*5	For models with no curtain/head airbag
*6	For models with curtain airbag

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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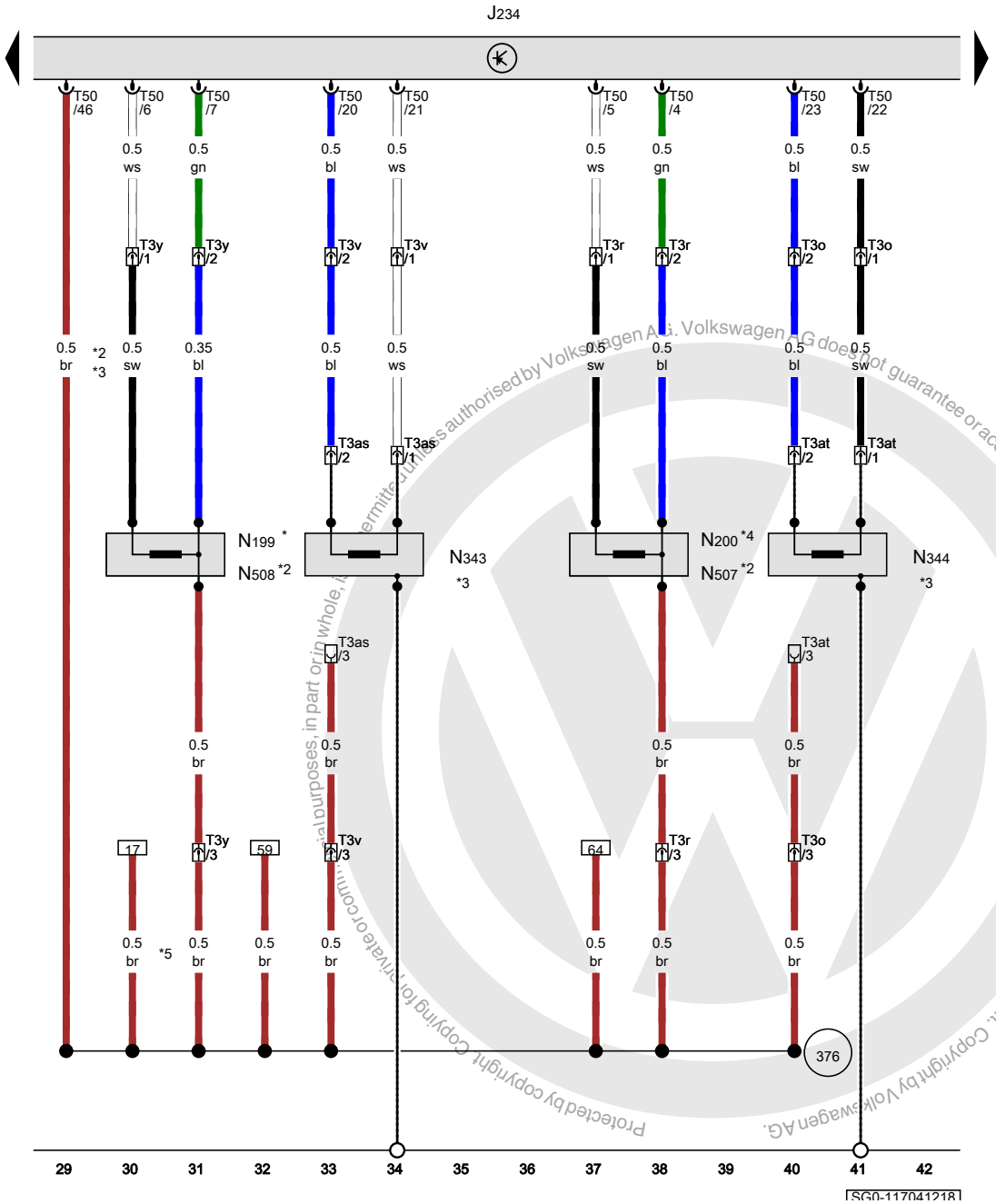

Airbag control unit, Side airbag igniter on driver side, Side airbag igniter on front passenger side, Driver side curtain airbag rear igniter, Passenger side curtain airbag rear igniter, Front left head-thorax airbag igniter, Front right head-thorax airbag igniter, 3-pin connector

J234	Airbag control unit
N199	Side airbag igniter on driver side
N200	Side airbag igniter on front passenger side
N343	Driver side curtain airbag rear igniter
N344	Passenger side curtain airbag rear igniter
N507	Front left head-thorax airbag igniter
N508	Front right head-thorax airbag igniter
T3as	3-pin connector, yellow, on driver side curtain/head airbag igniter
T3at	3-pin connector, yellow, on front passenger side curtain/head airbag igniter
T3o	3-pin connector, yellow, under front passenger seat
T3r	3-pin connector, yellow, under front passenger seat
T3v	3-pin connector, yellow, under driver seat
T3y	3-pin connector, yellow, under driver seat
T50	50-pin connector, yellow
376	Earth connection 11, in main wiring harness
*	For models with side airbag on driver side
*2	For models with front head-thorax airbag
*3	For models with rear curtain airbag
*4	For models with side airbag on front passenger side
*5	For models with curtain airbag

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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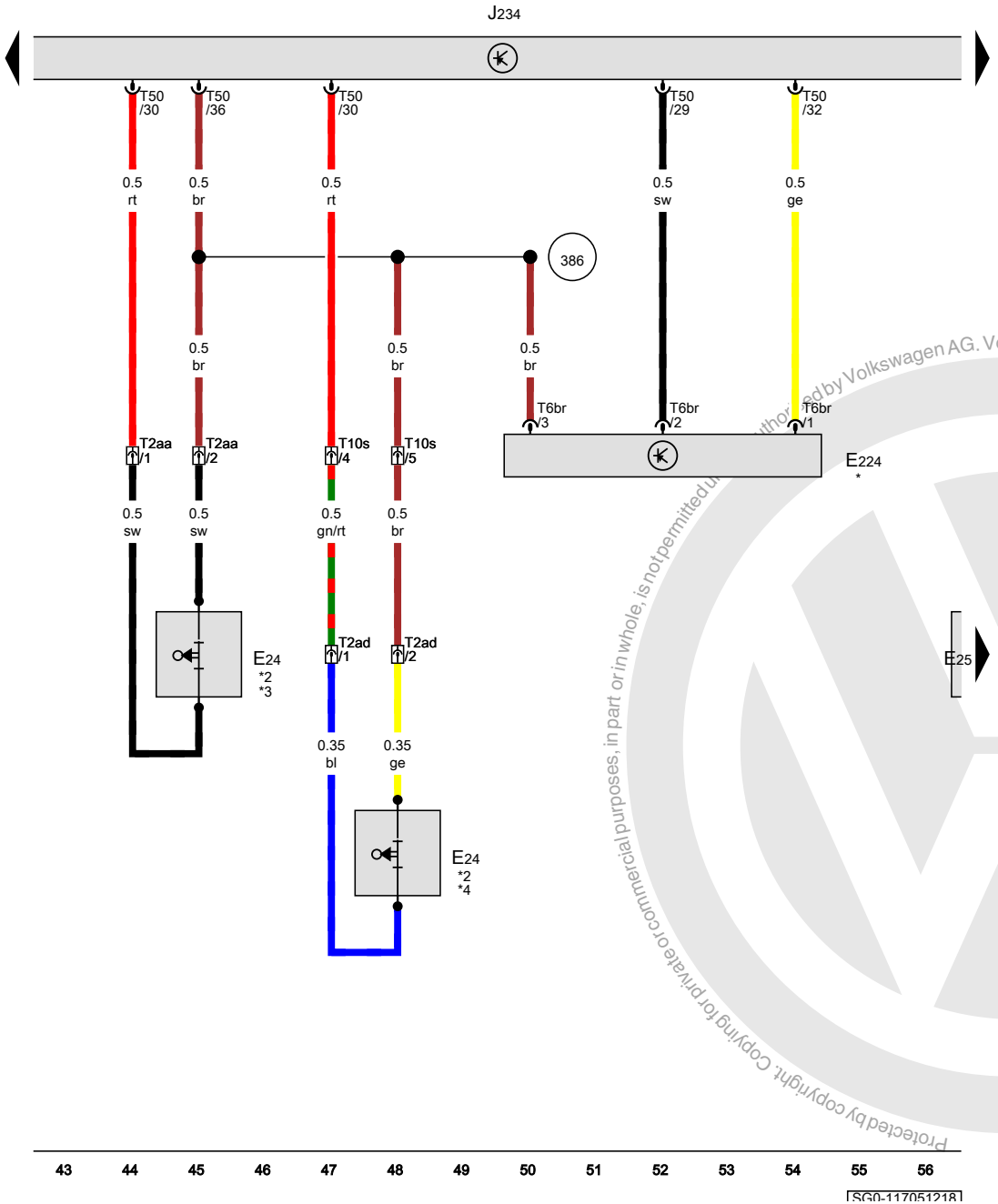

Driver side belt switch, Front passenger side belt switch, Key operated switch to deactivate airbag on front passenger side, Airbag control unit

E24	Driver side belt switch
E25	Front passenger side belt switch
E224	Key operated switch to deactivate airbag on front passenger side
J234	Airbag control unit
T2aa	2-pin connector, black, under driver seat
T2ad	2-pin connector, green, under driver seat
T6br	6-pin connector, yellow
T10s	10-pin connector, black, under seat on front right
T50	50-pin connector, yellow
386	Earth connection 21, in main wiring harness
*	For models with key-operated switch to deactivate airbag
*2	For models with belt switch
*3	For models with no memory function
*4	Driver seat with memory function

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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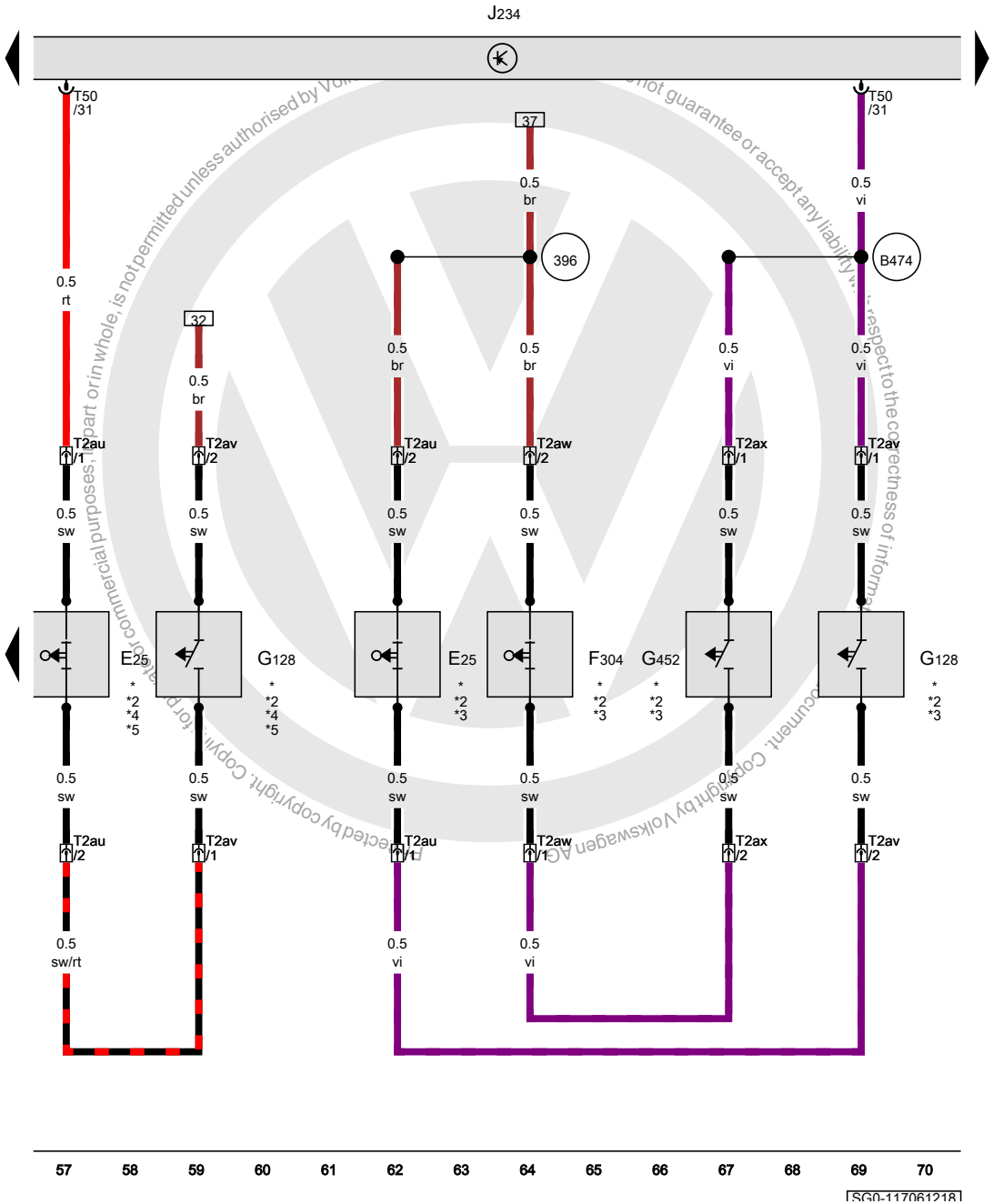

Front passenger side belt switch, Front passenger side belt fastened contact, Seat occupied sensor, front passenger side, Pressure sensor for seat occupied recognition, Airbag control unit

E25	Front passenger side belt switch
F304	Front passenger side belt fastened contact
G128	Seat occupied sensor, front passenger side
G452	Pressure sensor for seat occupied recognition
J234	Airbag control unit
T2au	2-pin connector, black, under front passenger seat
T2av	2-pin connector, black, under front passenger seat
T2aw	2-pin connector, black, under front passenger seat
T2ax	2-pin connector, black, under front passenger seat
T50	50-pin connector, yellow
396	Earth connection 31, in main wiring harness
B474	Connection 10, in main wiring harness
*	For models with belt switch
*2	From June 2017
*3	For models with double seat on front passenger side
*4	For models with single seat on front passenger side
*5	For models with no memory function

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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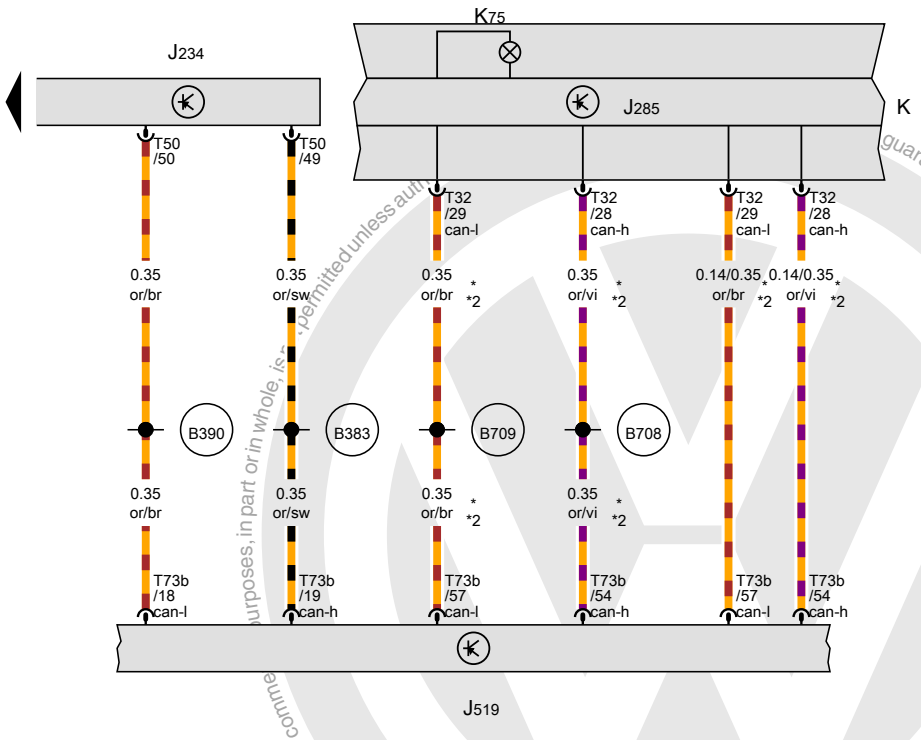

Airbag control unit, Control unit in dash panel insert, Onboard supply control unit, Dash panel insert, Airbag warning lamp

J234	Airbag control unit
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K75	Airbag warning lamp
T32	32-pin connector, blue
T50	50-pin connector, yellow
T73b	73-pin connector, white
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	According to equipment
*2	see applicable current flow diagram for CAN bus network

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

71 72 73 74 75 76 77 78 79 80 81 82 83 84

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Airbag systems , (L0L)

From June 2016

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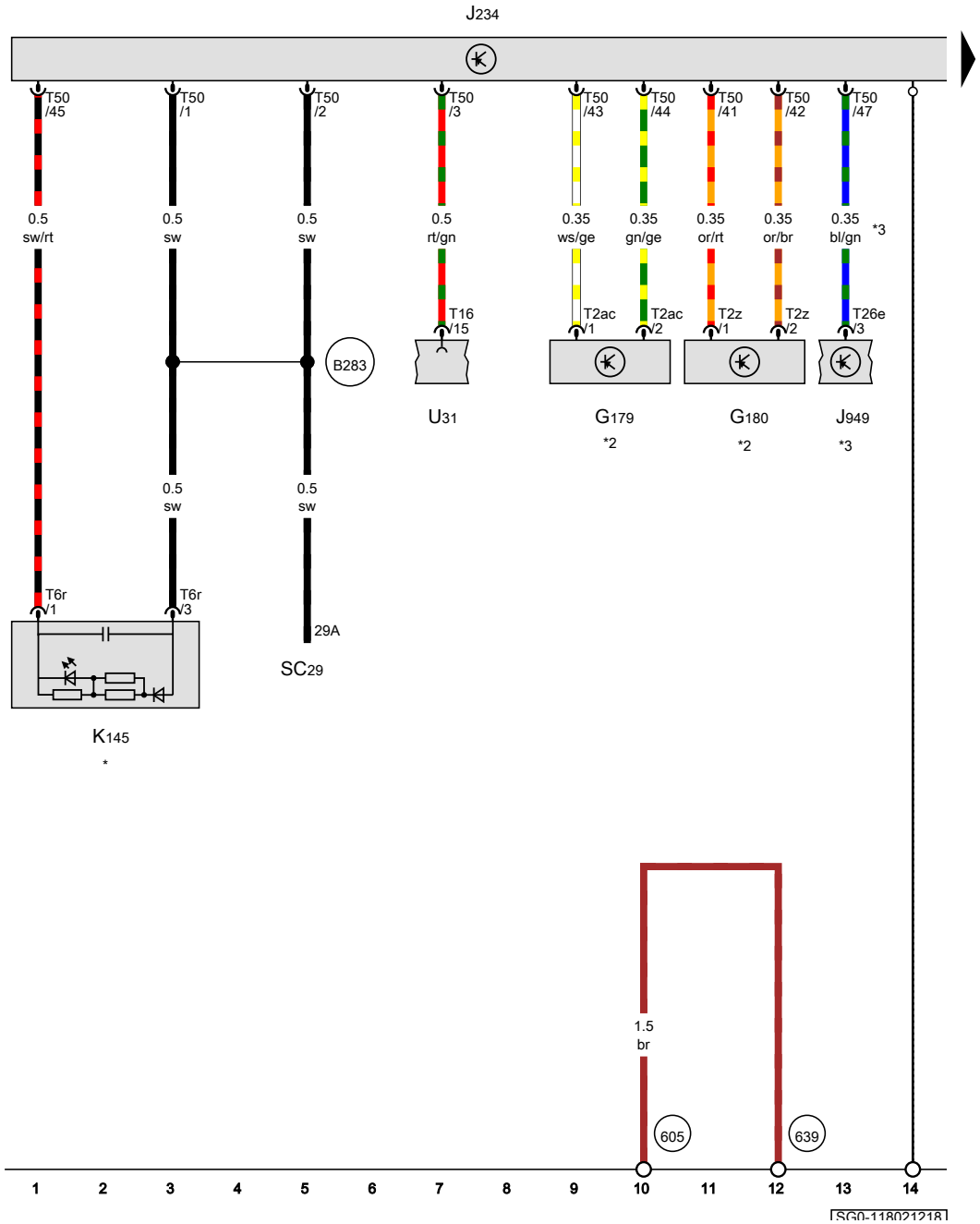

Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Airbag control unit, Emergency call module control unit and communication unit, Warning lamp for airbag deactivated on front passenger side, Fuse 29 on fuse holder C, Diagnostic connection

G179	Side airbag crash sensor on driver side
G180	Side airbag crash sensor on front passenger side
J234	Airbag control unit
J949	Emergency call module control unit and communication unit
K145	Warning lamp for airbag deactivated on front passenger side
SC29	Fuse 29 on fuse holder C
T2ac	2-pin connector, yellow, lower part of B-pillar, driver side
T2z	2-pin connector, yellow, lower part of B-pillar, front passenger side
T6r	6-pin connector, green
T16	16-pin connector, black
T26e	26-pin connector, black
T50	50-pin connector, yellow
U31	Diagnostic connection
605	Earth point, on top end of steering column
639	Earth point, left A-pillar
B283	Positive connection 7 (15a) in main wiring harness
*	For models with key-operated switch to deactivate airbag
*2	For models with front head-thorax airbag
*3	For models with emergency call module

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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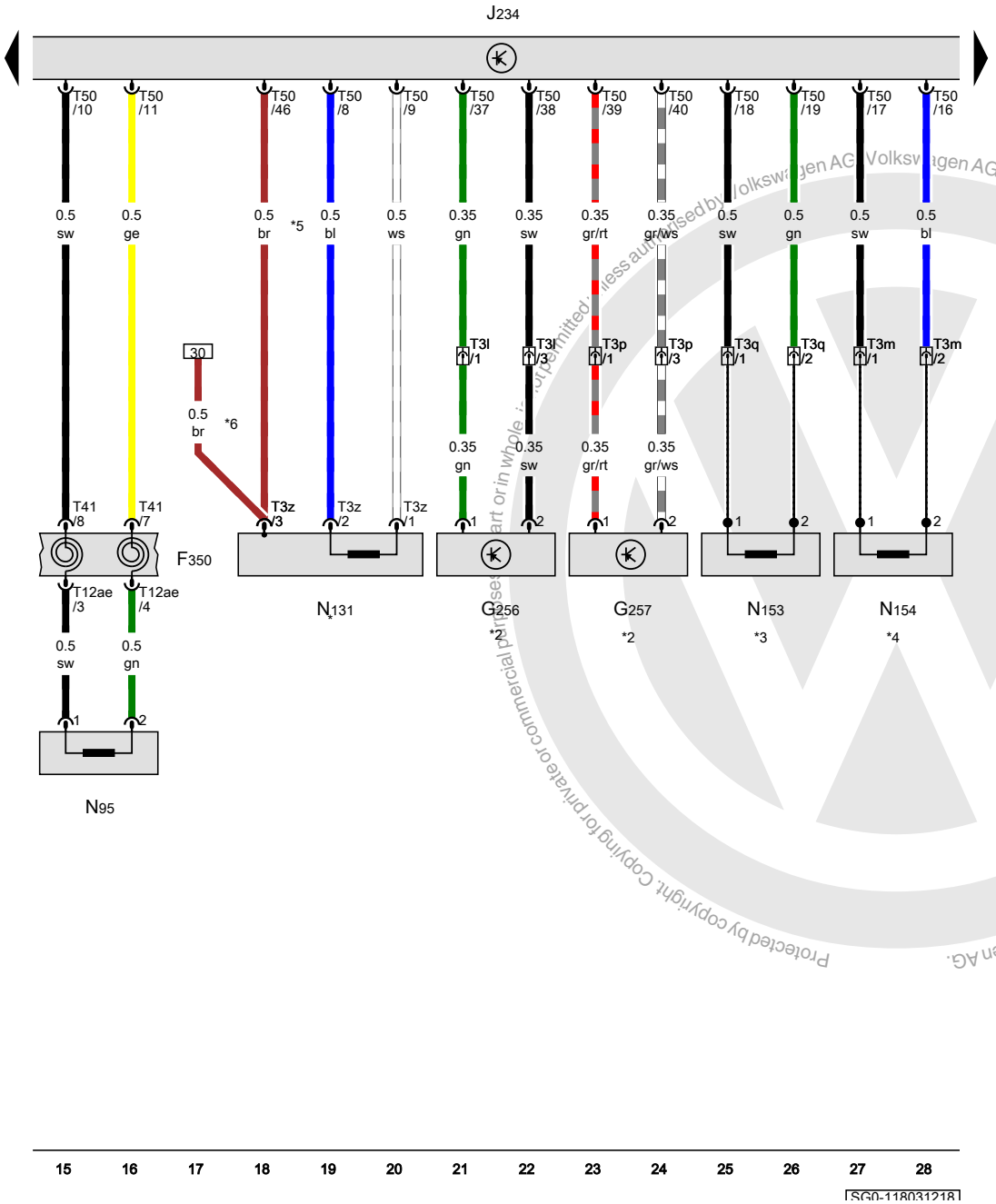

Coil connector, Rear side airbag crash sensor on driver side, Rear side airbag crash sensor on passenger side, Airbag control unit, Airbag igniter on driver side, Airbag igniter 1 on front passenger side, Driver seat belt tensioner igniter 1, Front passenger seat belt tensioner igniter 1

F350	Coil connector
G256	Rear side airbag crash sensor on driver side
G257	Rear side airbag crash sensor on passenger side
J234	Airbag control unit
N95	Airbag igniter on driver side
N131	Airbag igniter 1 on front passenger side
N153	Driver seat belt tensioner igniter 1
N154	Front passenger seat belt tensioner igniter 1
T3l	3-pin connector, yellow, under driver seat
T3m	3-pin connector, yellow, lower part of B-pillar, front passenger side
T3p	3-pin connector, yellow, under front passenger seat
T3q	3-pin connector, yellow, lower part of B-pillar, driver side
T3z	3-pin connector, yellow
T12ae	12-pin connector, yellow, in steering wheel
T41	41-pin connector, grey
T50	50-pin connector, yellow
*	For models with front passenger airbag
*2	For models with rear curtain airbag
*3	For models with driver side belt tensioner
*4	For models with front passenger side belt tensioner
*5	For models with no curtain/head airbag
*6	For models with curtain airbag

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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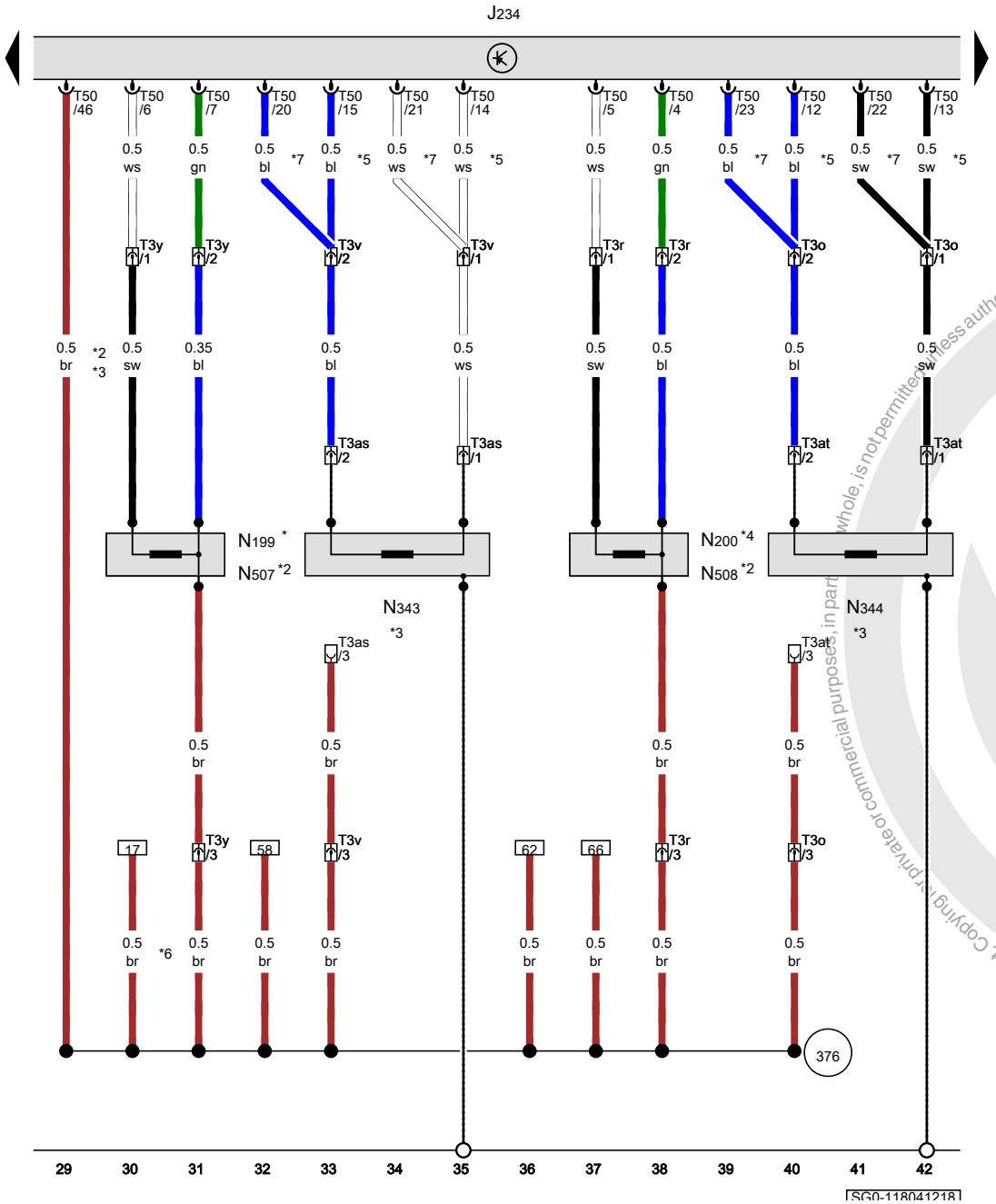

Airbag control unit, Side airbag igniter on driver side, Side airbag igniter on front passenger side, Driver side curtain airbag rear igniter, Passenger side curtain airbag rear igniter, Front left head-thorax airbag igniter, Front right head-thorax airbag igniter, 3-pin connector

J234	Airbag control unit
N199	Side airbag igniter on driver side
N200	Side airbag igniter on front passenger side
N343	Driver side curtain airbag rear igniter
N344	Passenger side curtain airbag rear igniter
N507	Front left head-thorax airbag igniter
N508	Front right head-thorax airbag igniter
T3as	3-pin connector, yellow, on driver side curtain/head airbag igniter
T3at	3-pin connector, yellow, on front passenger side curtain/head airbag igniter
T3o	3-pin connector, yellow, under front passenger seat
T3r	3-pin connector, yellow, under front passenger seat
T3v	3-pin connector, yellow, under driver seat
T3y	3-pin connector, yellow, under driver seat
T50	50-pin connector, yellow
376	Earth connection 11, in main wiring harness
*	For models with side airbag on driver side
*2	For models with front head-thorax airbag
*3	For models with rear curtain airbag
*4	For models with side airbag on front passenger side
*5	For models with emergency call module
*6	For models with curtain airbag
*7	For models with no emergency call module

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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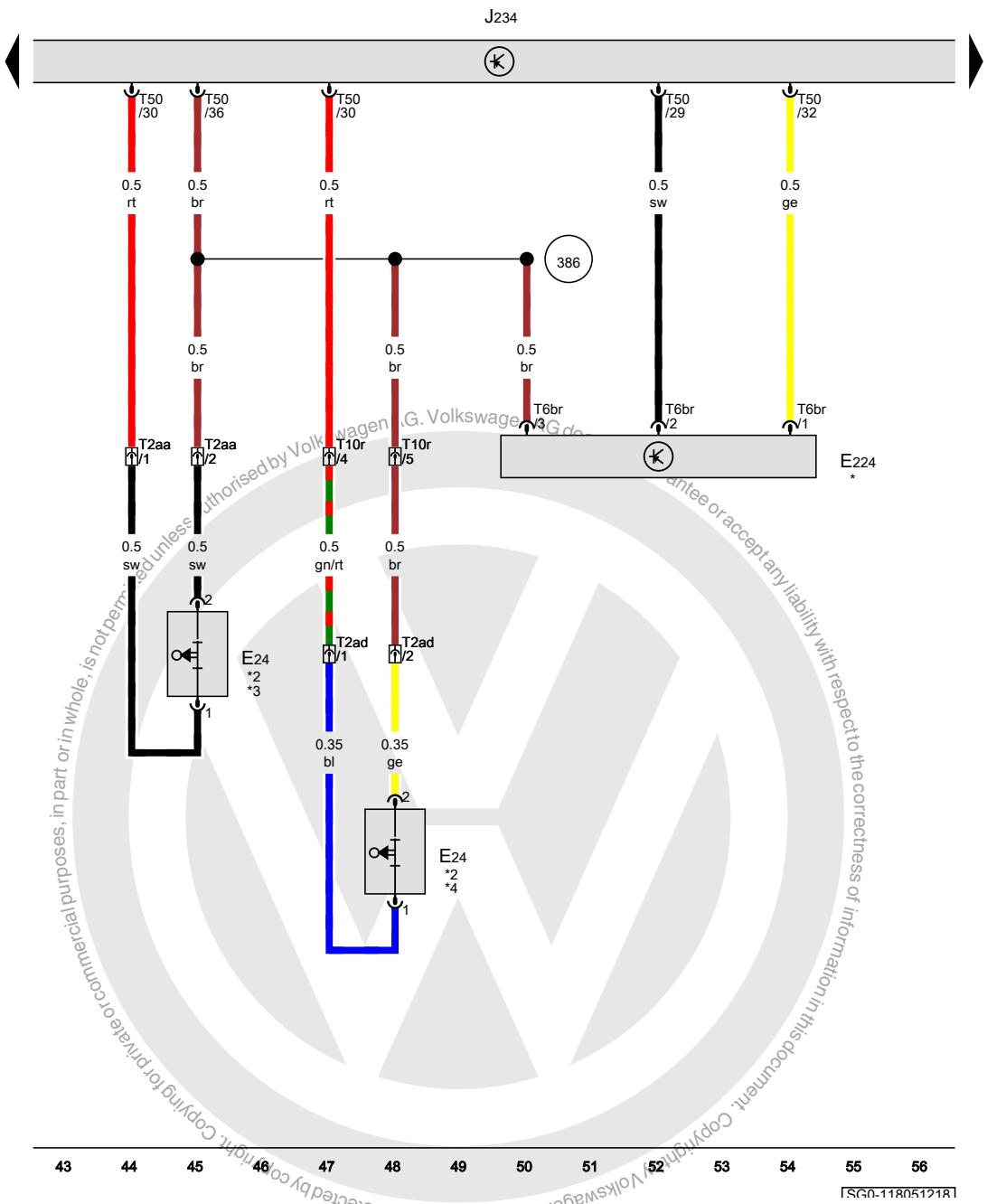

Driver side belt switch, Key operated switch to deactivate airbag on front passenger side, Airbag control unit

E24	Driver side belt switch
E224	Key operated switch to deactivate airbag on front passenger side
J234	Airbag control unit
T2aa	2-pin connector, black, under driver seat
T2ad	2-pin connector, green, under driver seat
T6br	6-pin connector, yellow
T10r	10-pin connector, black, under seat on front left
T50	50-pin connector, yellow
386	Earth connection 21, in main wiring harness
*	For models with key-operated switch to deactivate airbag
*2	For models with belt switch
*3	For models with no memory function
*4	Driver seat with memory function

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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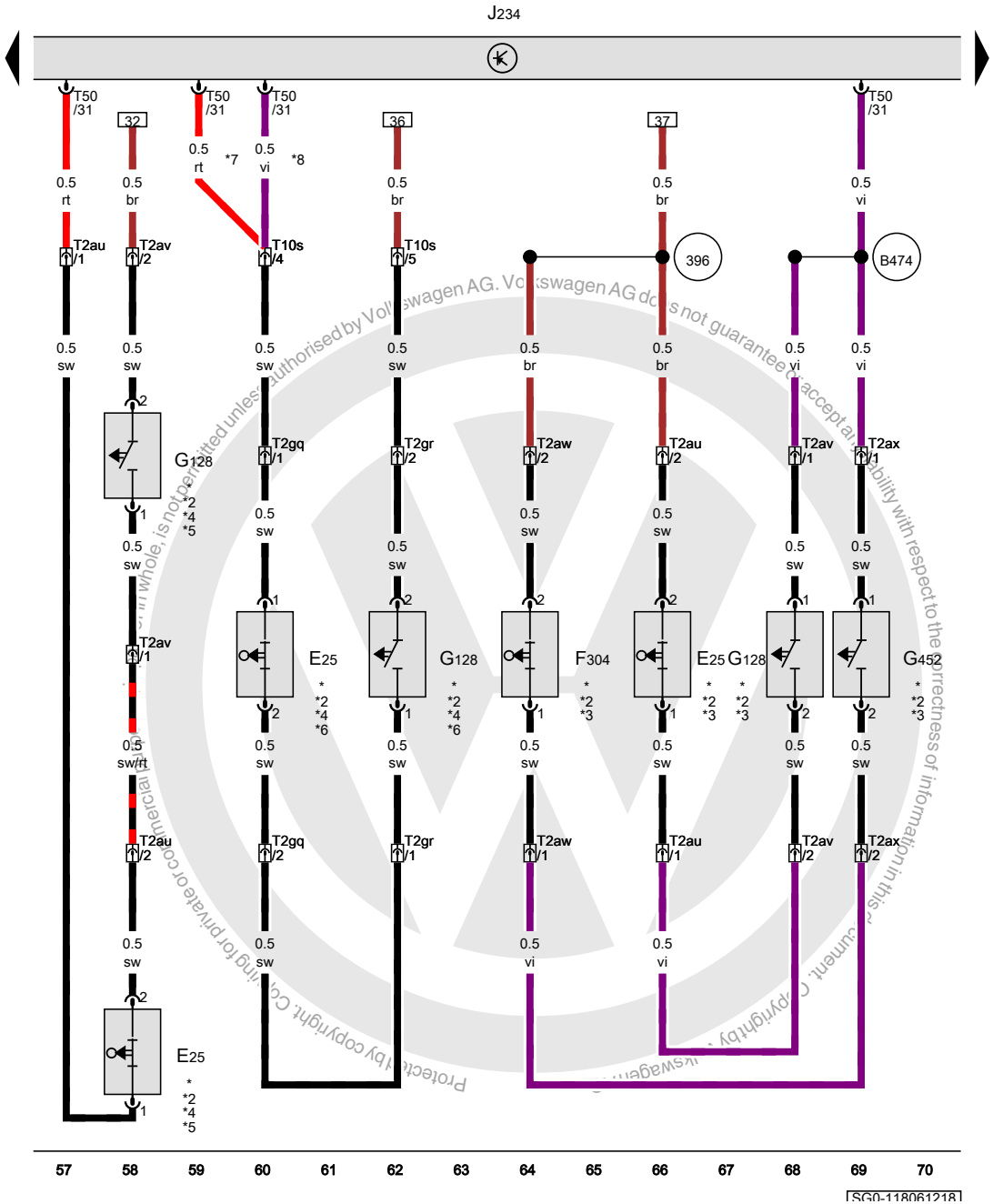

Front passenger side belt switch, Front passenger side belt fastened contact, Seat occupied sensor, front passenger side, Pressure sensor for seat occupied recognition, Airbag control unit

E25	Front passenger side belt switch
F304	Front passenger side belt fastened contact
G128	Seat occupied sensor, front passenger side
G452	Pressure sensor for seat occupied recognition
J234	Airbag control unit
T2au	2-pin connector, black, under front passenger seat
T2av	2-pin connector, black, under front passenger seat
T2aw	2-pin connector, black, under front passenger seat
T2ax	2-pin connector, black, under front passenger seat
T2gq	2-pin connector, green, under front passenger seat
T2gr	2-pin connector, blue, under front passenger seat
T10s	10-pin connector, black, under seat on front right
T50	50-pin connector, yellow
396	Earth connection 31, in main wiring harness
B474	Connection 10, in main wiring harness
*	For models with belt switch
*2	From June 2017
*3	For models with double seat on front passenger side
*4	For models with single seat on front passenger side
*5	For models with no memory function
*6	Driver seat with memory function
*7	For models with emergency call module
*8	For models with no emergency call module

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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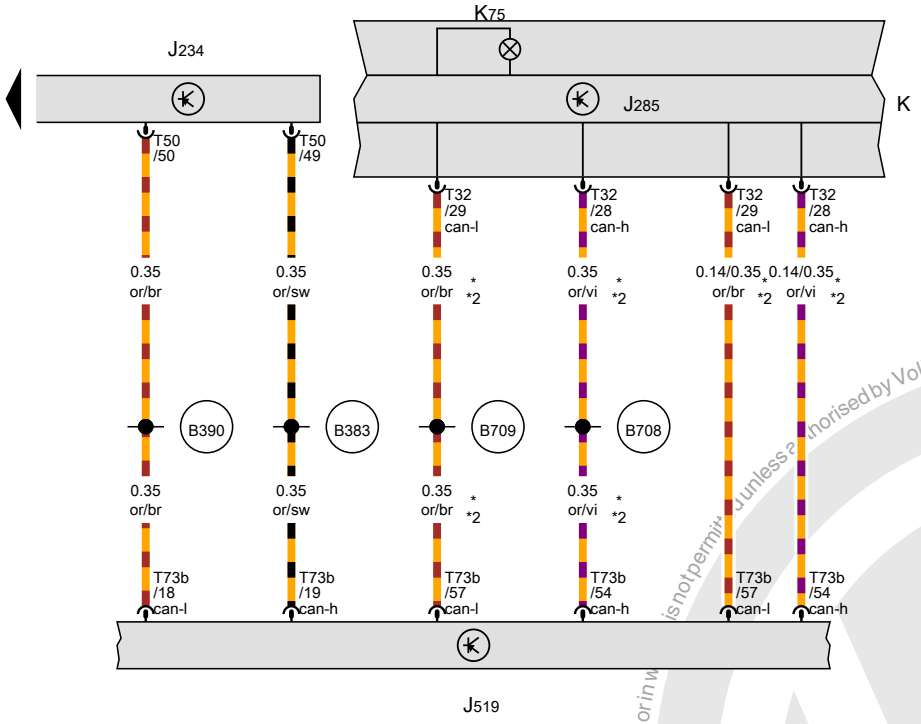

Airbag control unit, Control unit in dash panel insert, Onboard supply control unit, Dash panel insert, Airbag warning lamp

J234	Airbag control unit
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K75	Airbag warning lamp
T32	32-pin connector, blue
T50	50-pin connector, yellow
T73b	73-pin connector, white
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	According to equipment
*2	see applicable current flow diagram for CAN bus network

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

71 72 73 74 75 76 77 78 79 80 81 82 83 84

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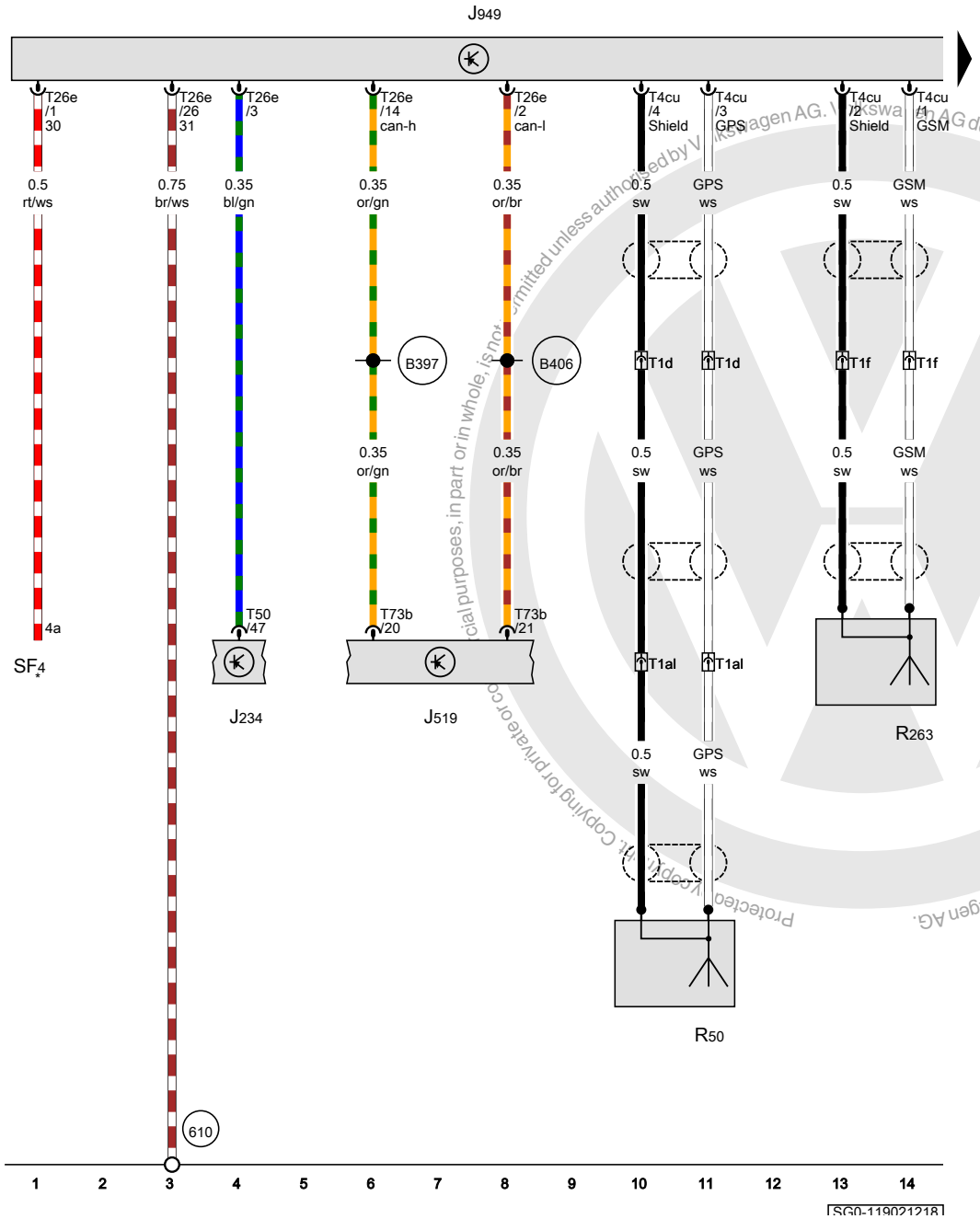
Emergency call module , (NZ3)

From November 2016



Airbag control unit, Onboard supply control unit, Emergency call module control unit and communication unit, GPS aerial, Emergency call module aerial, Fuse 4 in fuse holder F

J234	Airbag control unit
J519	Onboard supply control unit
J949	Emergency call module control unit and communication unit
R50	GPS aerial
R263	Emergency call module aerial
SF4	Fuse 4 in fuse holder F
T1al	1-pin connector, blue, in right door, near exterior mirror
T1d	1-pin connector, blue, on right A-pillar
T1f	1-pin connector, purple, near roof aerial
T4cu	4-pin connector, purple
T26e	26-pin connector, black
T50	50-pin connector, yellow
T73b	73-pin connector, white
610	Earth point (audio), front below centre console
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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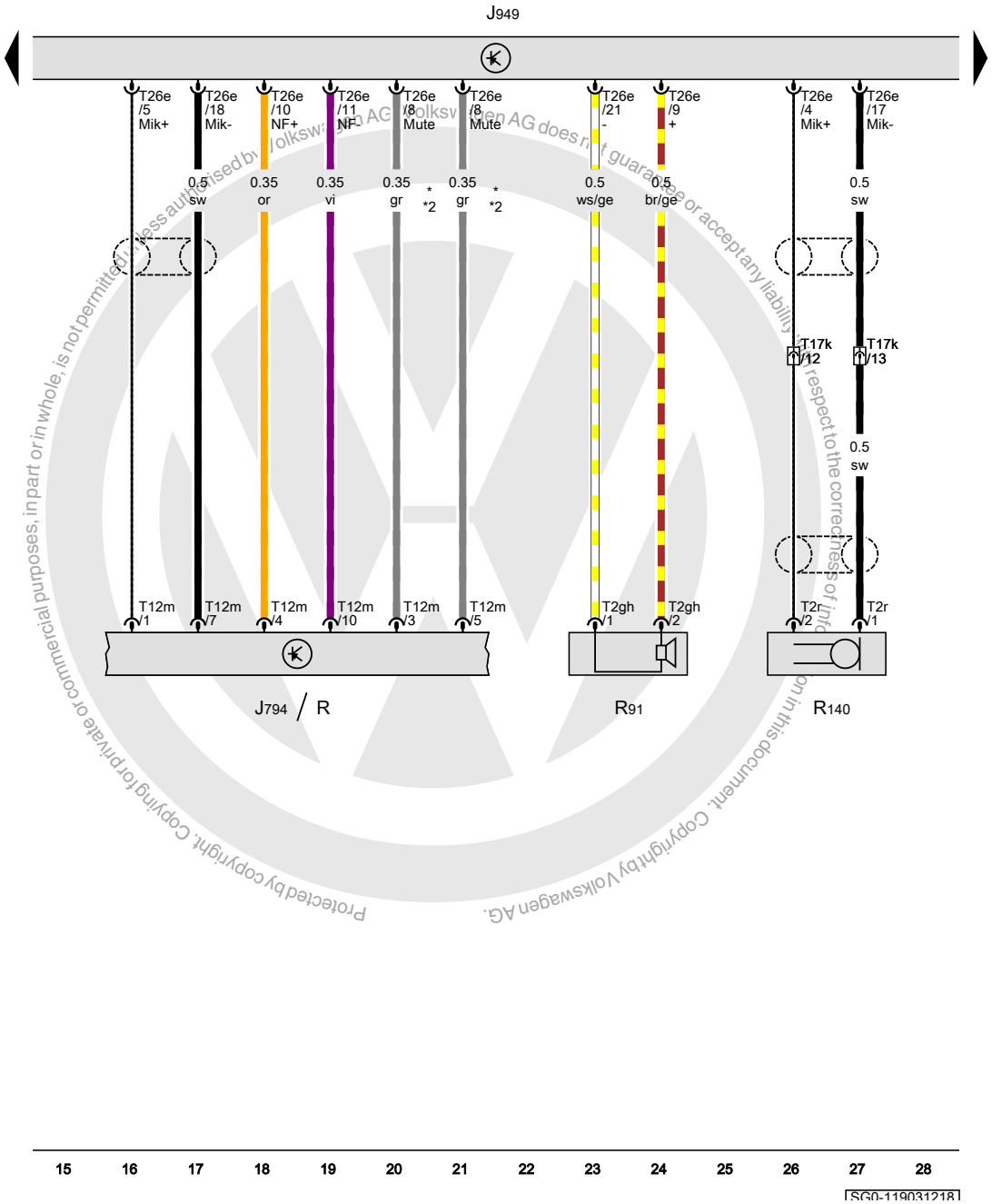

Control unit 1 for information electronics, Emergency call module control unit and communication unit, Radio

J794	Control unit 1 for information electronics
J949	Emergency call module control unit and communication unit
R	Radio
R91	Additional loudspeaker for telematics
R140	Front left microphone
T2gh	2-pin connector, blue
T2r	2-pin connector, black, near front interior light
T12m	12-pin connector, blue
T17k	17-pin connector, green, in left A-pillar coupling station
T26e	26-pin connector, black
*	According to equipment
*2	see applicable current flow diagram for radio/ radio navigation system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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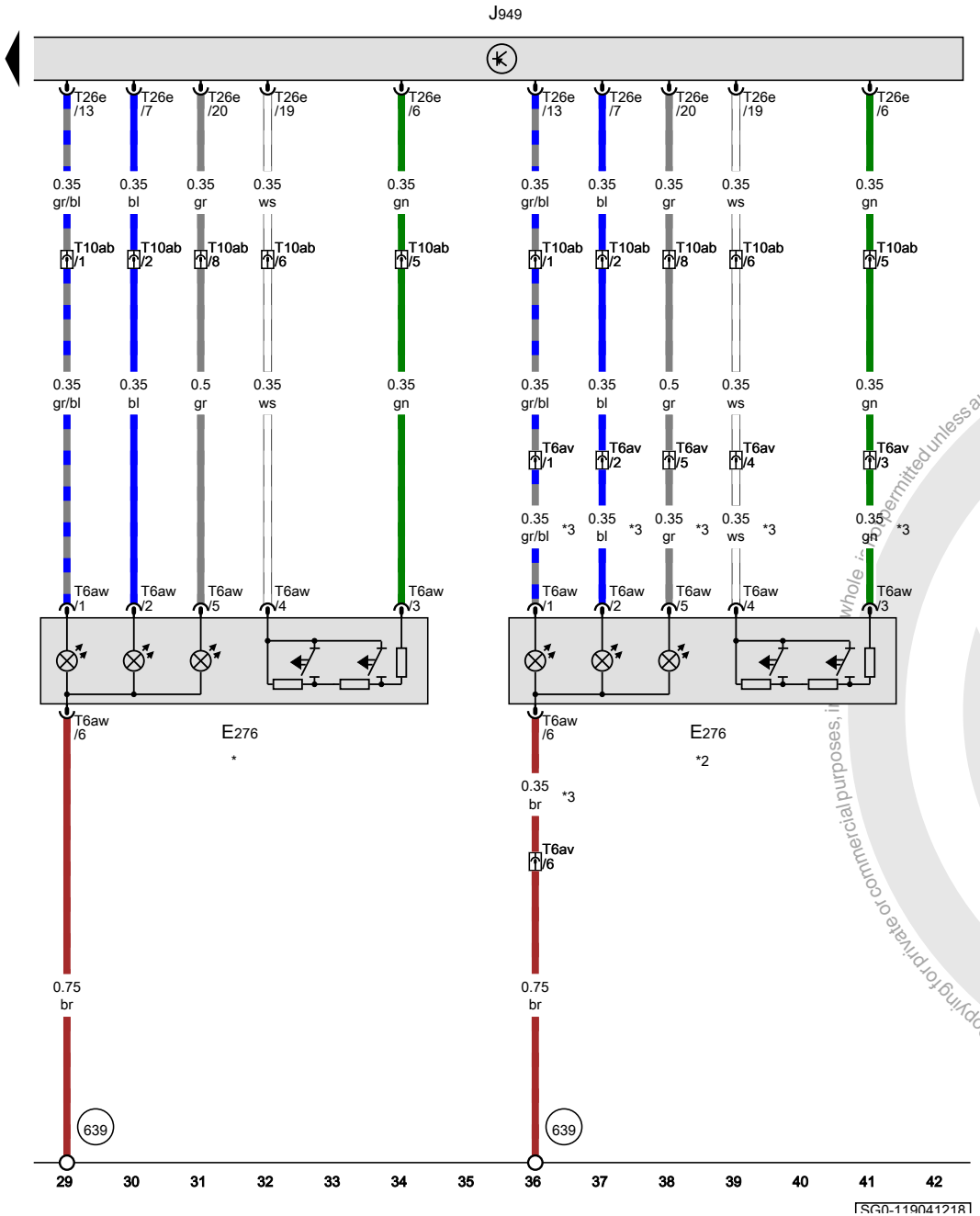
Emergency call module control unit and communication unit



E276	Emergency assistance call button
J949	Emergency call module control unit and communication unit
T6av	6-pin connector, black, near front interior light
T6aw	6-pin connector, brown
T10ab	10-pin connector, white, in left A-pillar coupling station
T26e	26-pin connector, black
639	Earth point, left A-pillar
*	Not for Camper
*2	For Camper
*3	Adapter wire

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Headlights with halogen bulbs (H4)

From June 2016

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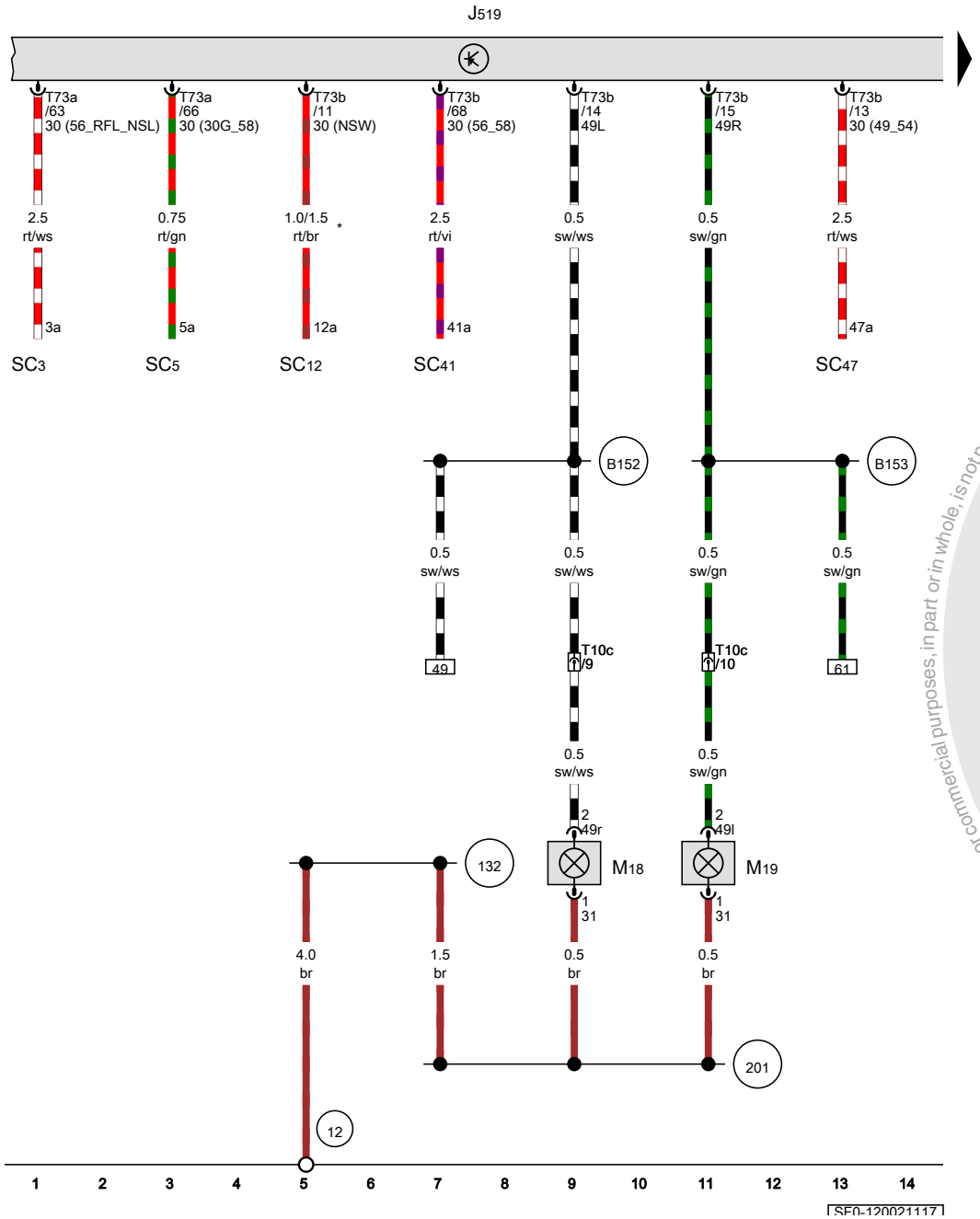

Onboard supply control unit, Left turn signal repeater bulb, Right turn signal repeater bulb, Fuse 3 on fuse holder C, Fuse 5 on fuse holder C, Fuse 12 on fuse holder C, Fuse 41 on fuse holder C, Fuse 47 on fuse holder C

J519	Onboard supply control unit
M18	Left turn signal repeater bulb
M19	Right turn signal repeater bulb
SC3	Fuse 3 on fuse holder C
SC5	Fuse 5 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC47	Fuse 47 on fuse holder C
T10c	10-pin connector, yellow, in E-box in engine compartment
T73a	73-pin connector, black
T73b	73-pin connector, white
12	Earth point, on left in engine compartment
132	Earth connection 3, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
B152	Connection (LTS), in interior wiring harness
B153	Connection (RTS), in interior wiring harness
*	For models with fog lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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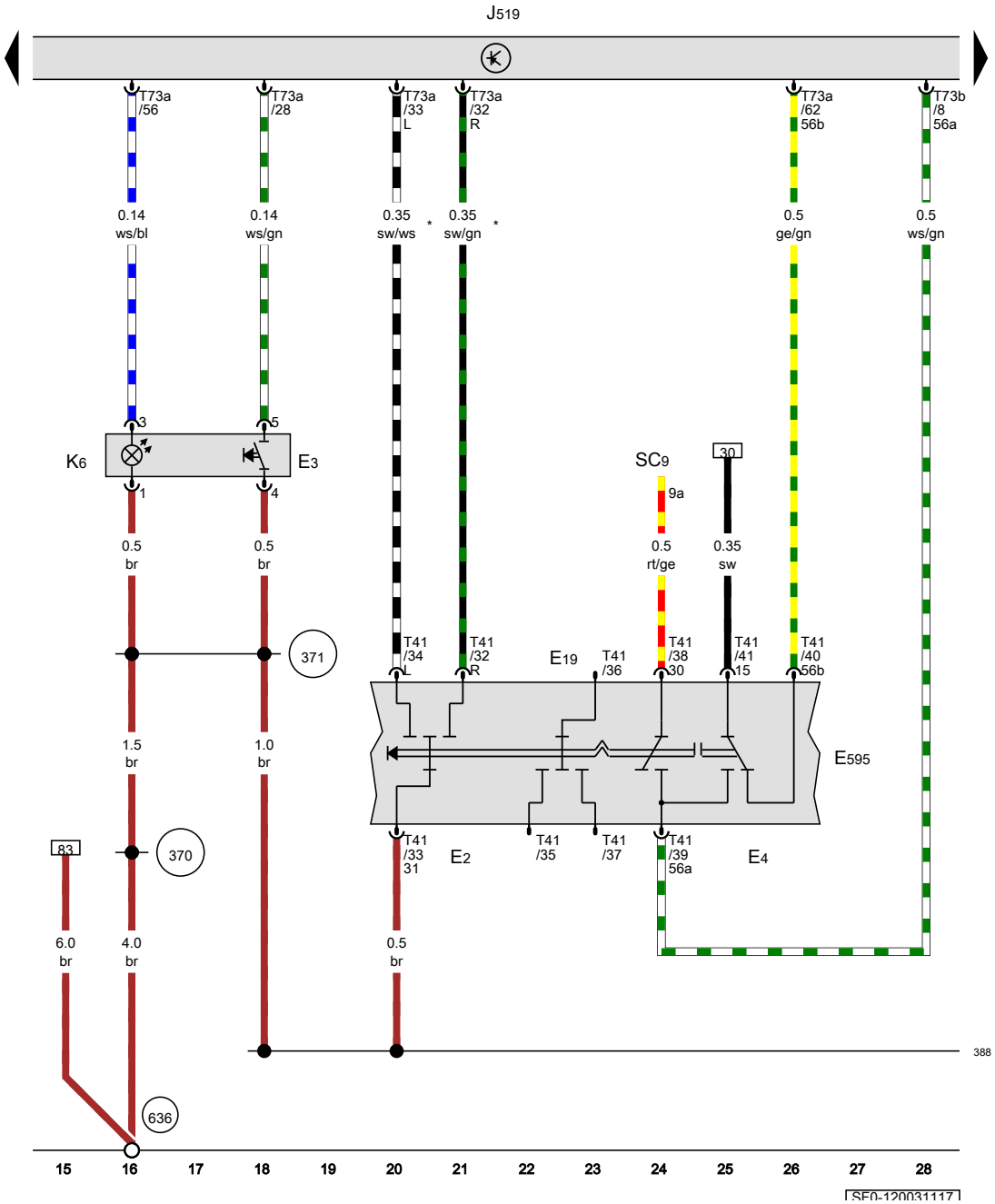
Turn signal switch, Hazard warning light switch, Headlight dipper and flasher switch, Parking light switch, Steering column combination switch, Onboard supply control unit, Indicator lamp for hazard warning light, Fuse 9 on fuse holder C



E2	Turn signal switch
E3	Hazard warning light switch
E4	Headlight dipper and flasher switch
E19	Parking light switch
E595	Steering column combination switch
J519	Onboard supply control unit
K6	Indicator lamp for hazard warning light
SC9	Fuse 9 on fuse holder C
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
388	Earth connection 23, in main wiring harness
636	Earth point, onboard supply control unit
*	For models with no electric interface

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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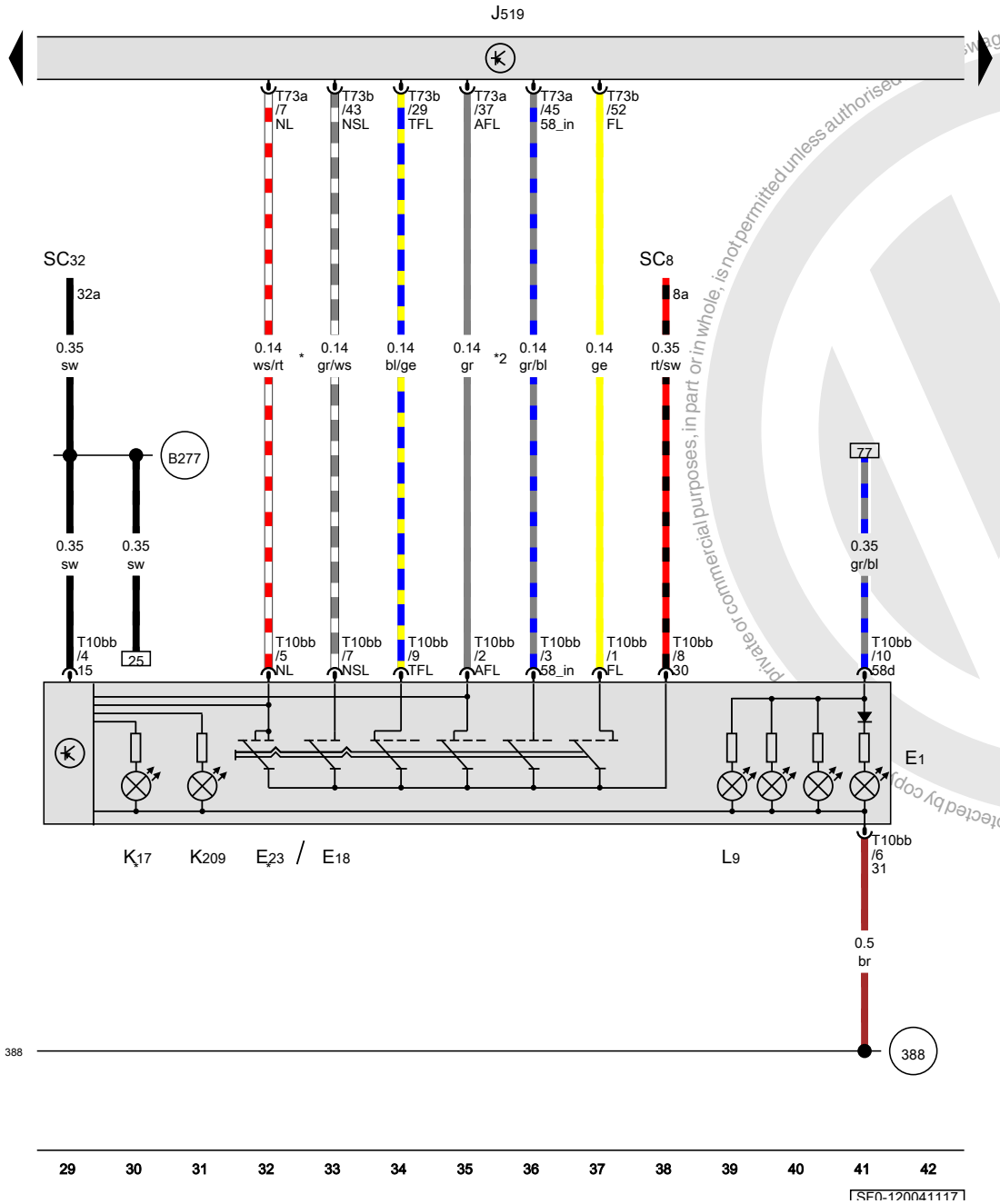

Light switch, Rear fog light switch, Front and rear fog light switch, Onboard supply control unit, Fog light warning lamp, Automatic control of lights warning lamp, Light switch illumination bulb, Fuse 8 on fuse holder C

E1	Light switch
E18	Rear fog light switch
E23	Front and rear fog light switch
J519	Onboard supply control unit
K17	Fog light warning lamp
K209	Automatic control of lights warning lamp
L9	Light switch illumination bulb
SC8	Fuse 8 on fuse holder C
SC32	Fuse 32 on fuse holder C
T10bb	10-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
388	Earth connection 23, in main wiring harness
B277	Positive connection 1 (15a) in main wiring harness
*	For models with fog lights
*2	For models with automatic headlight control

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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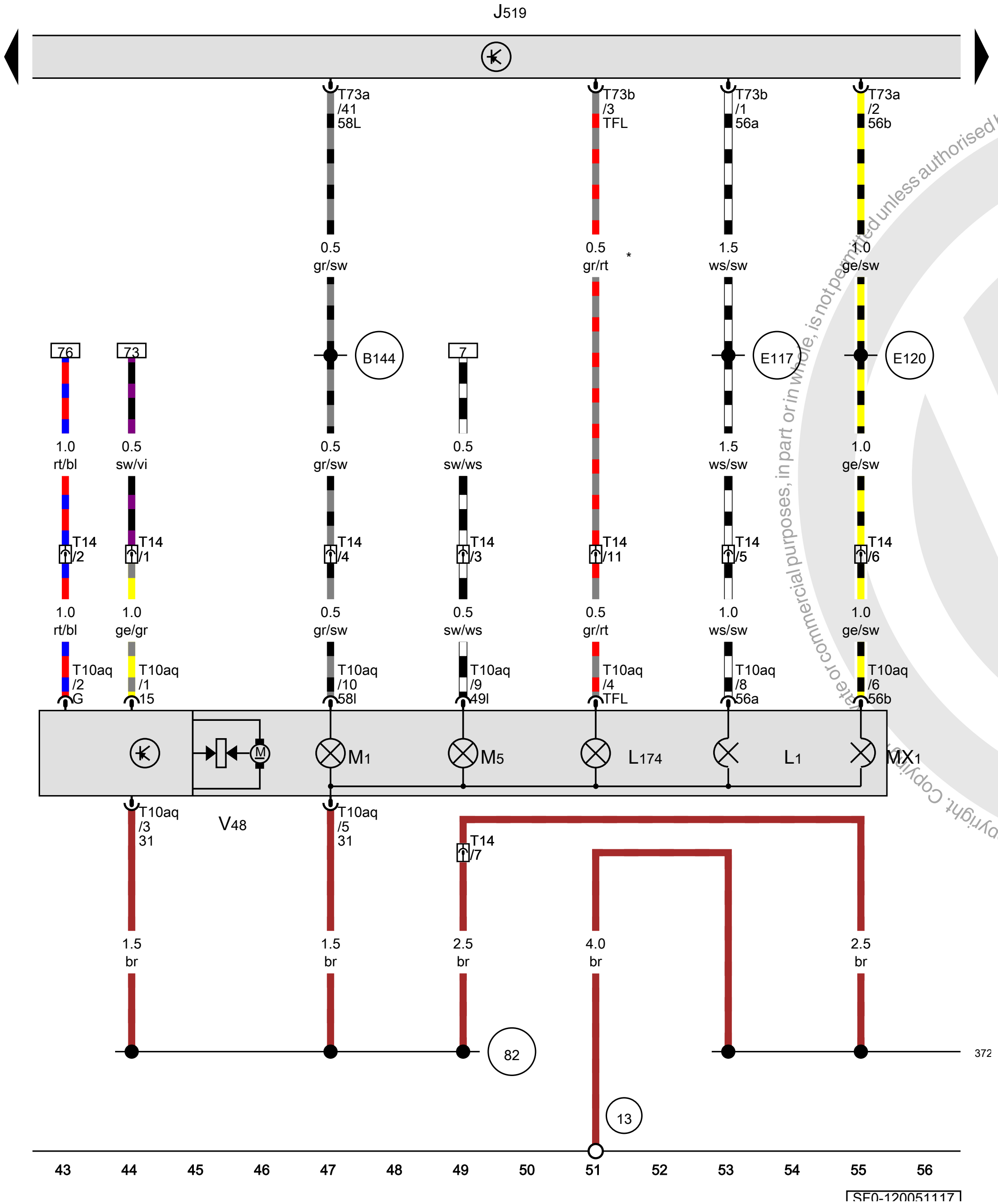
Onboard supply control unit, Front left headlight, Left headlight range control motor



J519	Onboard supply control unit
L1	Left headlight twin filament bulb
L174	Left daytime running light bulb
MX1	Front left headlight
M1	Left side light bulb
M5	Front left turn signal bulb
T10aq	10-pin connector, black
T14	14-pin connector, black, near horn, dual tone horn
T73a	73-pin connector, black
T73b	73-pin connector, white
V48	Left headlight range control motor
13	Earth point, on right in engine compartment
82	Earth connection 1, in front left wiring harness
372	Earth connection 7, in main wiring harness
B144	Positive connection (58L), in interior wiring harness
E117	Connection (56a, left), in dash panel wiring harness
E120	Connection (56b, left), in dash panel wiring harness
*	For models with daytime running lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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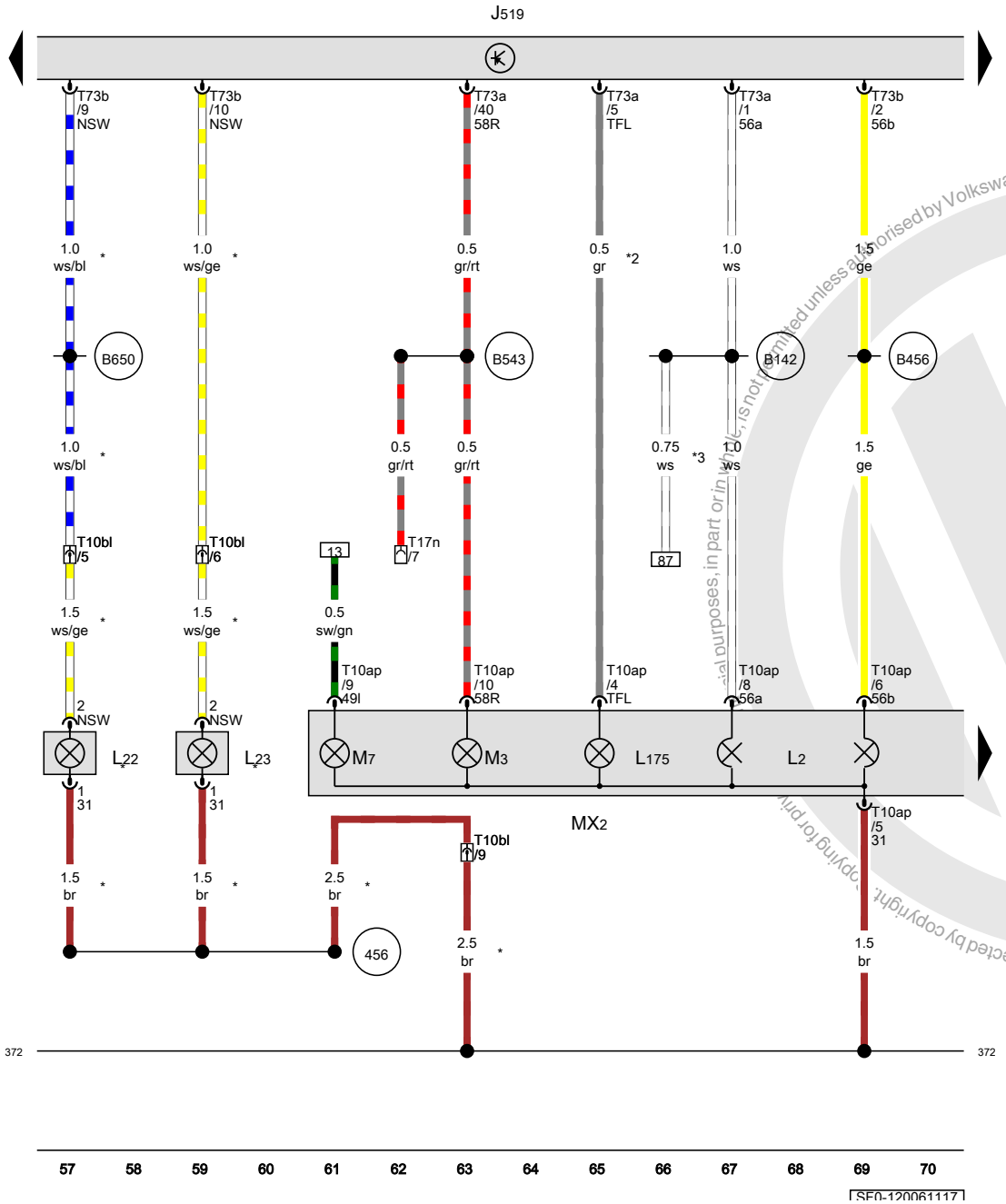

Onboard supply control unit, Left fog light bulb, Right fog light bulb, Front right headlight

J519	Onboard supply control unit
L2	Right headlight twin filament bulb
L22	Left fog light bulb
L23	Right fog light bulb
L175	Right daytime running light bulb
MX2	Front right headlight
M3	Right side light bulb
M7	Front right turn signal bulb
T10ap	10-pin connector, black
T10bl	10-pin connector, black, near horn, dual tone horn
T17n	17-pin connector, light green, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
372	Earth connection 7, in main wiring harness
456	Earth connection 1, front bumper wiring harness
B142	Positive connection 2 (56a), in interior wiring harness
B456	Connection (56b), in main wiring harness
B543	Positive connection (58R), in main wiring harness
B650	Connection 8, in interior wiring harness
*	For models with fog lights
*2	For models with daytime running lights
*3	Up to November 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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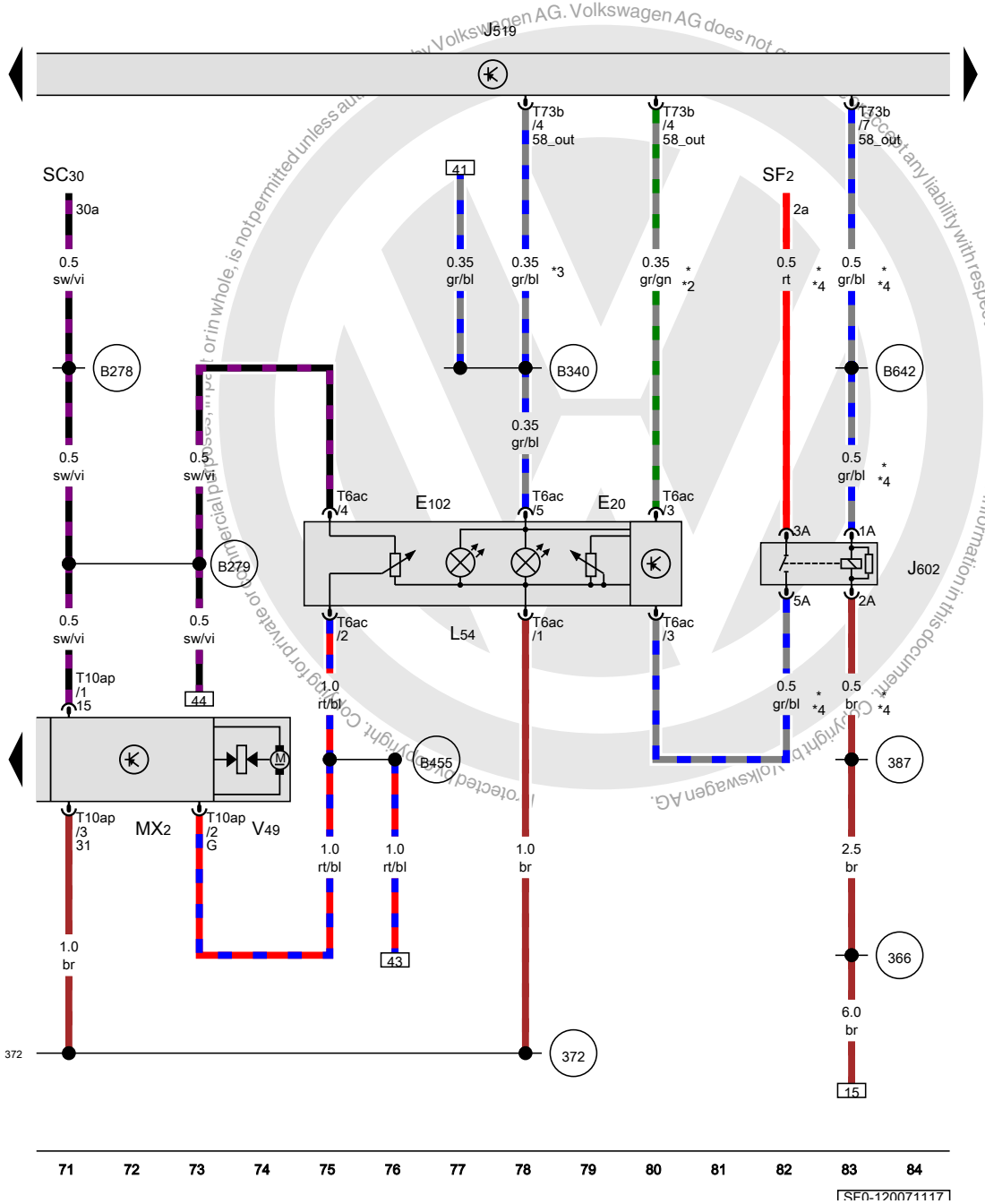

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Switch and instrument illumination regulator, Headlight range control regulator, Onboard supply control unit, Front right headlight, Fuse 2 in fuse holder F, Fuse 30 on fuse holder C, Right headlight range control motor

E20	Switch and instrument illumination regulator
E102	Headlight range control regulator
J519	Onboard supply control unit
J602	Interior light relay
L54	Headlight range control regulator illumination bulb
MX2	Front right headlight
SF2	Fuse 2 in fuse holder F
SC30	Fuse 30 on fuse holder C
T6ac	6-pin connector, black
T10ap	10-pin connector, black
T73b	73-pin connector, white
V49	Right headlight range control motor
366	Earth connection 1, in main wiring harness
372	Earth connection 7, in main wiring harness
387	Earth connection 22, in main wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B455	Connection (HRC), in main wiring harness
B642	Positive connection (58), in main wiring harness
*	For models with dimmable instrument illumination
*2	For models with no background lighting
*3	For models with no dimmable instrument illumination
*4	For models with background lighting

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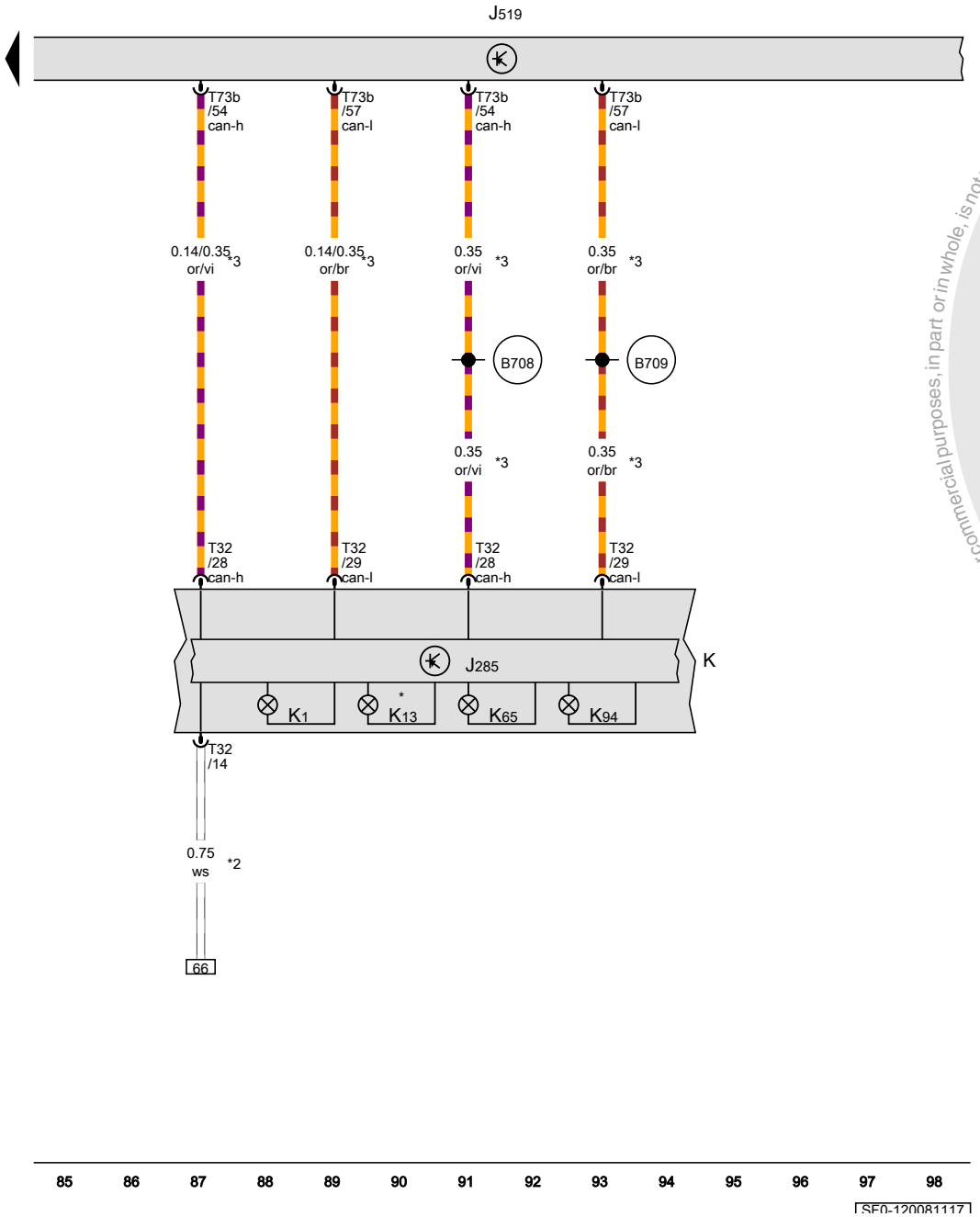
Onboard supply control unit, Dash panel insert



J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K1	Main beam warning lamp
K13	Rear fog light warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
T32	32-pin connector, blue
T73b	73-pin connector, white
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	For models with rear fog light
*2	Up to November 2016
*3	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Headlights with halogen bulbs (H7)

From June 2016

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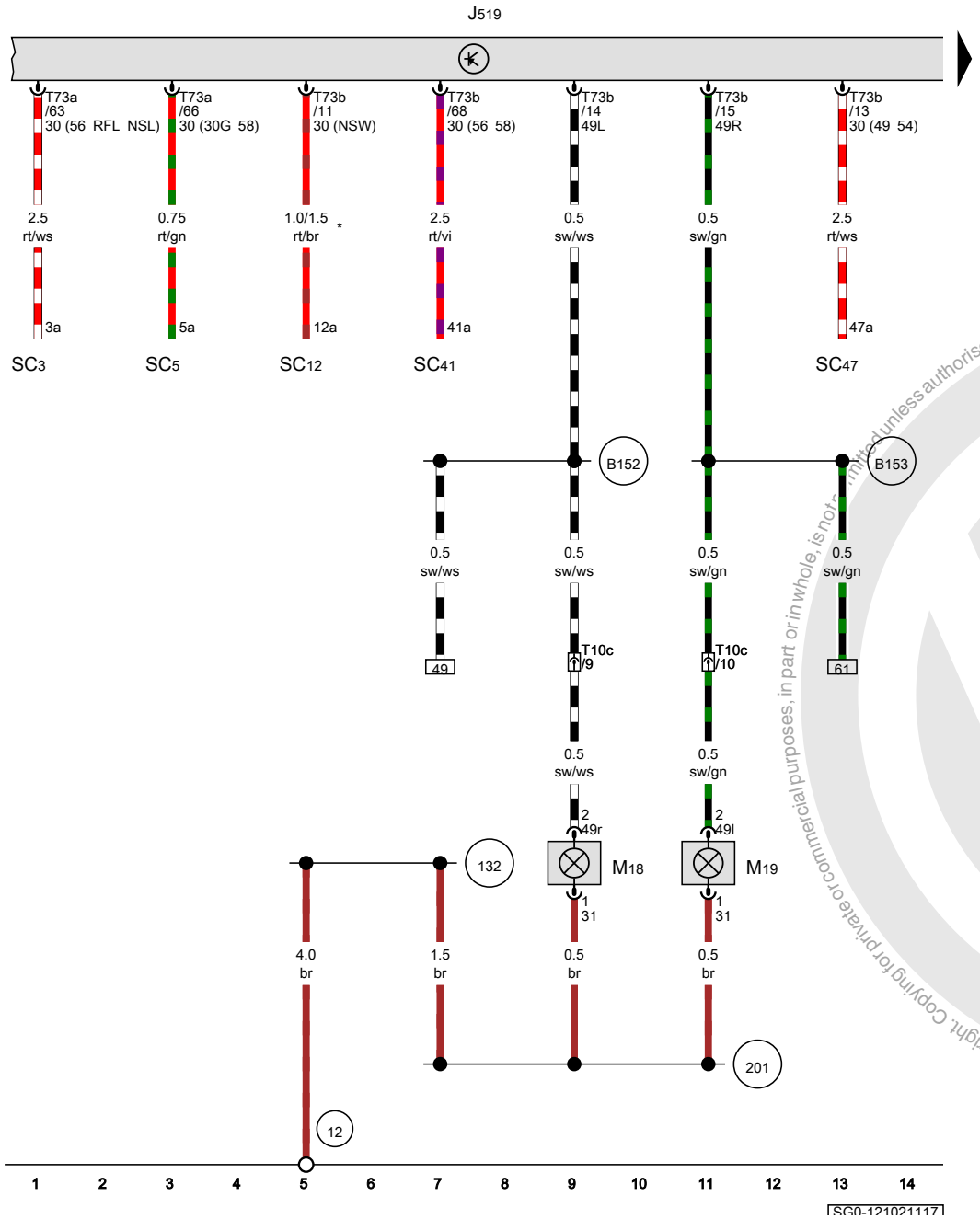

Onboard supply control unit, Left turn signal repeater bulb, Right turn signal repeater bulb, Fuse 3 on fuse holder C, Fuse 5 on fuse holder C, Fuse 12 on fuse holder C, Fuse 41 on fuse holder C, Fuse 47 on fuse holder C

J519	Onboard supply control unit
M18	Left turn signal repeater bulb
M19	Right turn signal repeater bulb
SC3	Fuse 3 on fuse holder C
SC5	Fuse 5 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC47	Fuse 47 on fuse holder C
T10c	10-pin connector, yellow, in E-box in engine compartment
T73a	73-pin connector, black
T73b	73-pin connector, white
12	Earth point, on left in engine compartment
132	Earth connection 3, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
B152	Connection (LTS), in interior wiring harness
B153	Connection (RTS), in interior wiring harness
*	For models with fog lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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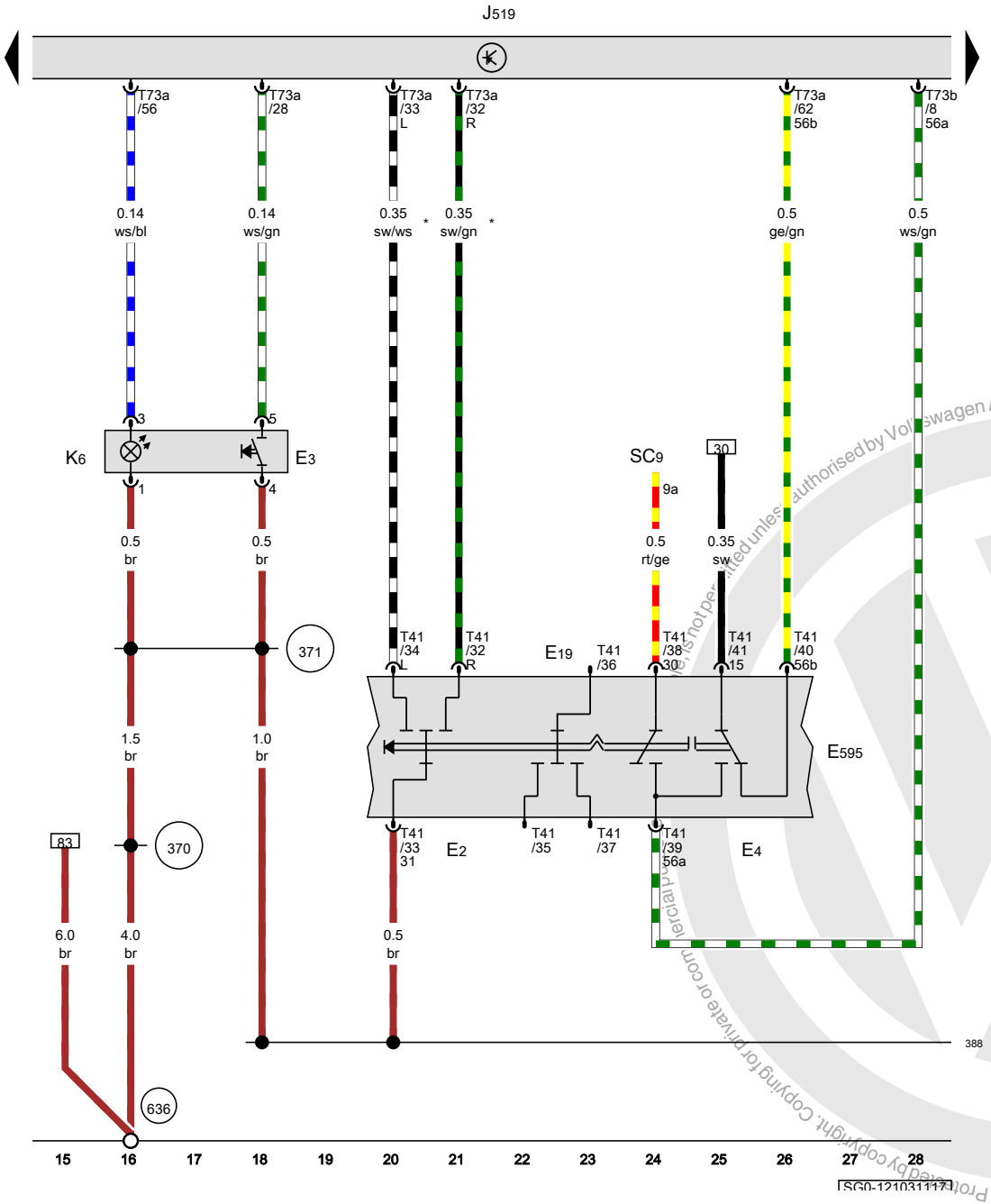
Turn signal switch, Hazard warning light switch, Headlight dipper and flasher switch, Parking light switch, Steering column combination switch, Onboard supply control unit, Indicator lamp for hazard warning light, Fuse 9 on fuse holder C



E2	Turn signal switch
E3	Hazard warning light switch
E4	Headlight dipper and flasher switch
E19	Parking light switch
E595	Steering column combination switch
J519	Onboard supply control unit
K6	Indicator lamp for hazard warning light
SC9	Fuse 9 on fuse holder C
T41	41-pin connector, grey
T73a	73-pin connector, black
T73b	73-pin connector, white
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
388	Earth connection 23, in main wiring harness
636	Earth point, onboard supply control unit
*	For models with no electric interface

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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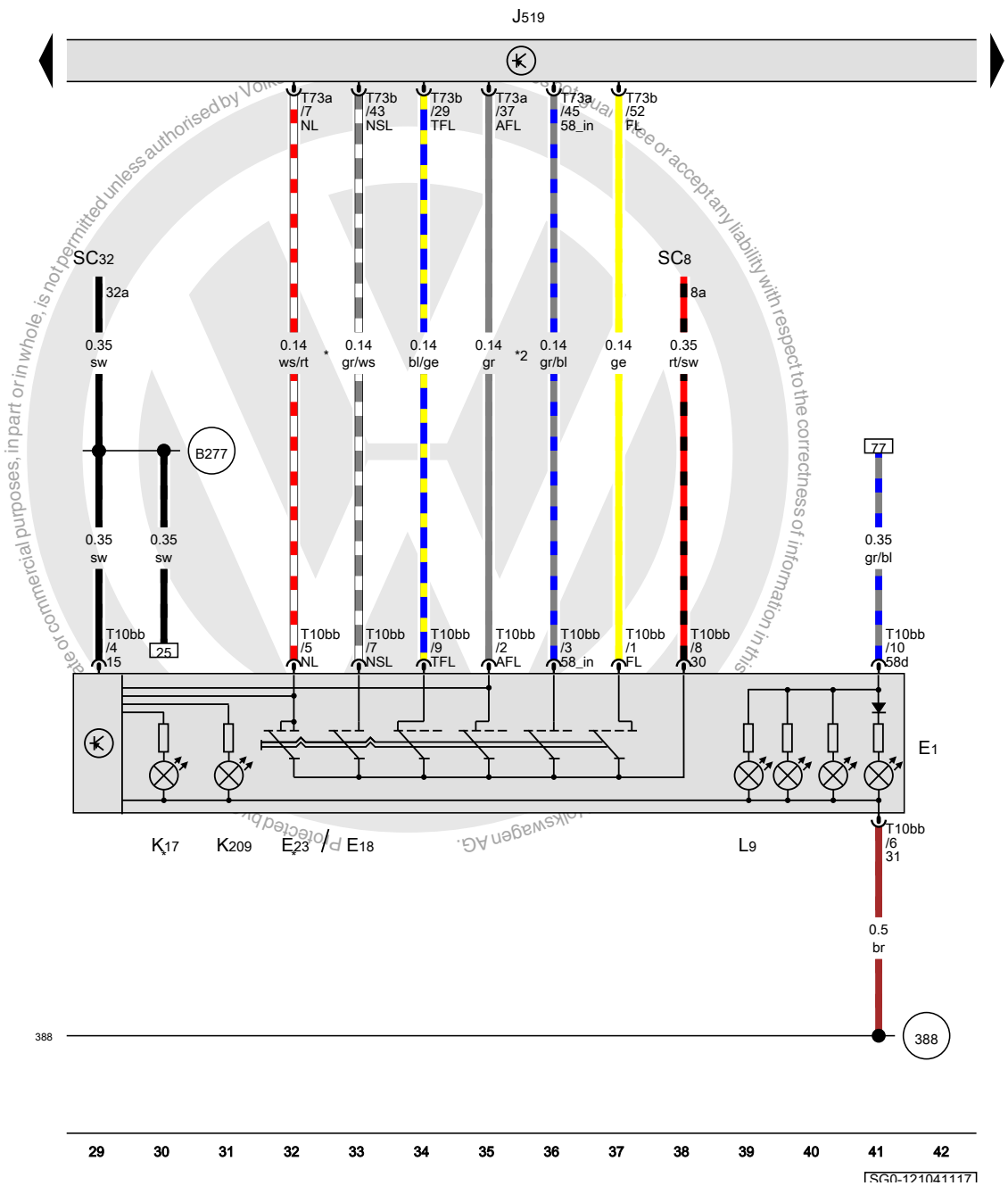

Light switch, Rear fog light switch, Front and rear fog light switch, Onboard supply control unit, Fog light warning lamp, Automatic control of lights warning lamp, Light switch illumination bulb, Fuse 8 on fuse holder C

E1	Light switch
E18	Rear fog light switch
E23	Front and rear fog light switch
J519	Onboard supply control unit
K17	Fog light warning lamp
K209	Automatic control of lights warning lamp
L9	Light switch illumination bulb
SC8	Fuse 8 on fuse holder C
SC32	Fuse 32 on fuse holder C
T10bb	10-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
388	Earth connection 23, in main wiring harness
B277	Positive connection 1 (15a) in main wiring harness
*	For models with fog lights
*2	For models with automatic headlight control

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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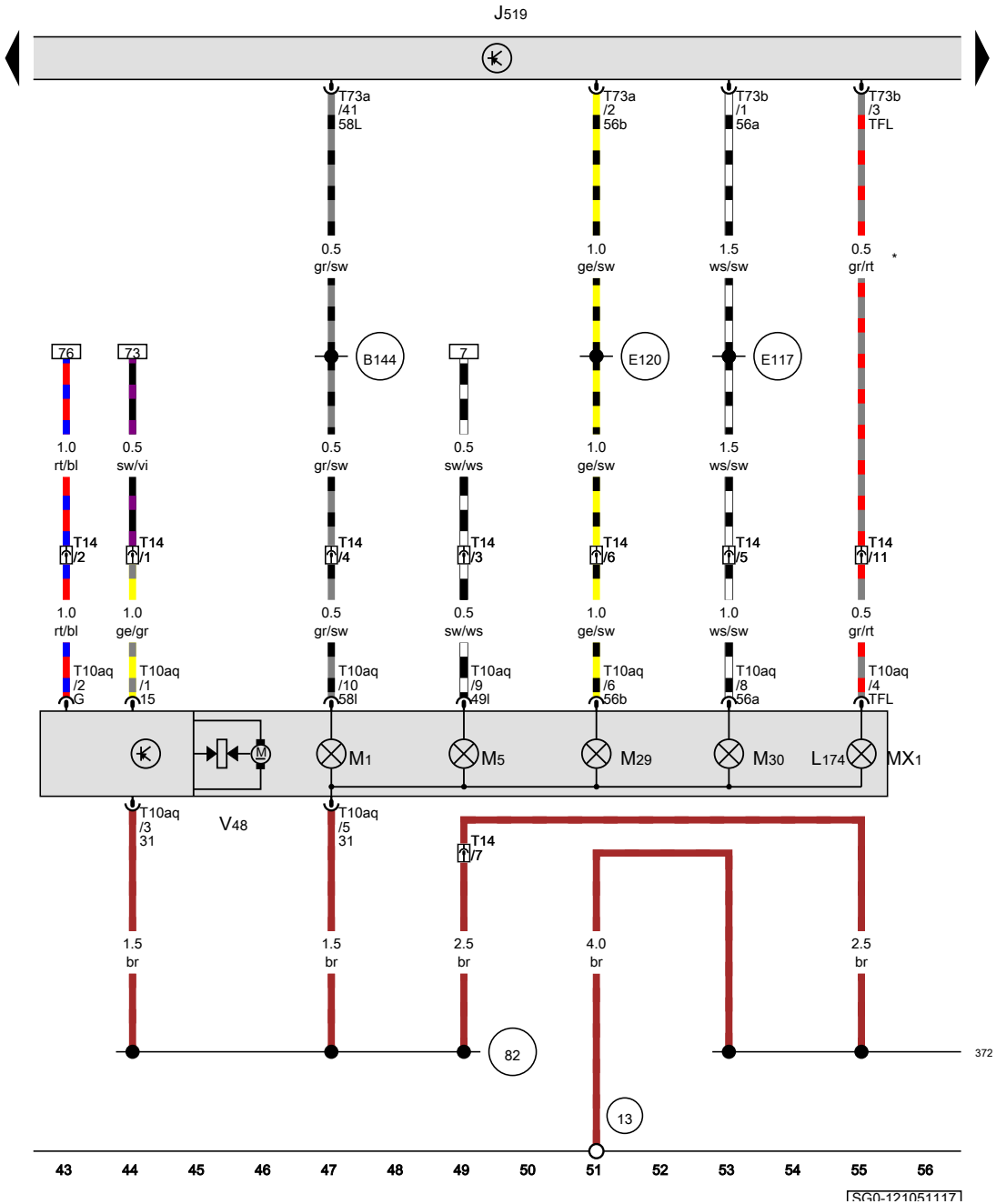

Onboard supply control unit, Front left headlight, Left headlight range control motor

J519	Onboard supply control unit
L174	Left daytime running light bulb
M1	Left side light bulb
MX1	Front left headlight
M5	Front left turn signal bulb
M29	Left headlight dipped beam bulb
M30	Left headlight main beam bulb
T10aq	10-pin connector, black
T14	14-pin connector, black, near horn, dual tone horn
T73a	73-pin connector, black
T73b	73-pin connector, white
V48	Left headlight range control motor
13	Earth point, on right in engine compartment
82	Earth connection 1, in front left wiring harness
372	Earth connection 7, in main wiring harness
B144	Positive connection (58L), in interior wiring harness
E117	Connection (56a, left), in dash panel wiring harness
E120	Connection (56b, left), in dash panel wiring harness
*	For models with daytime running lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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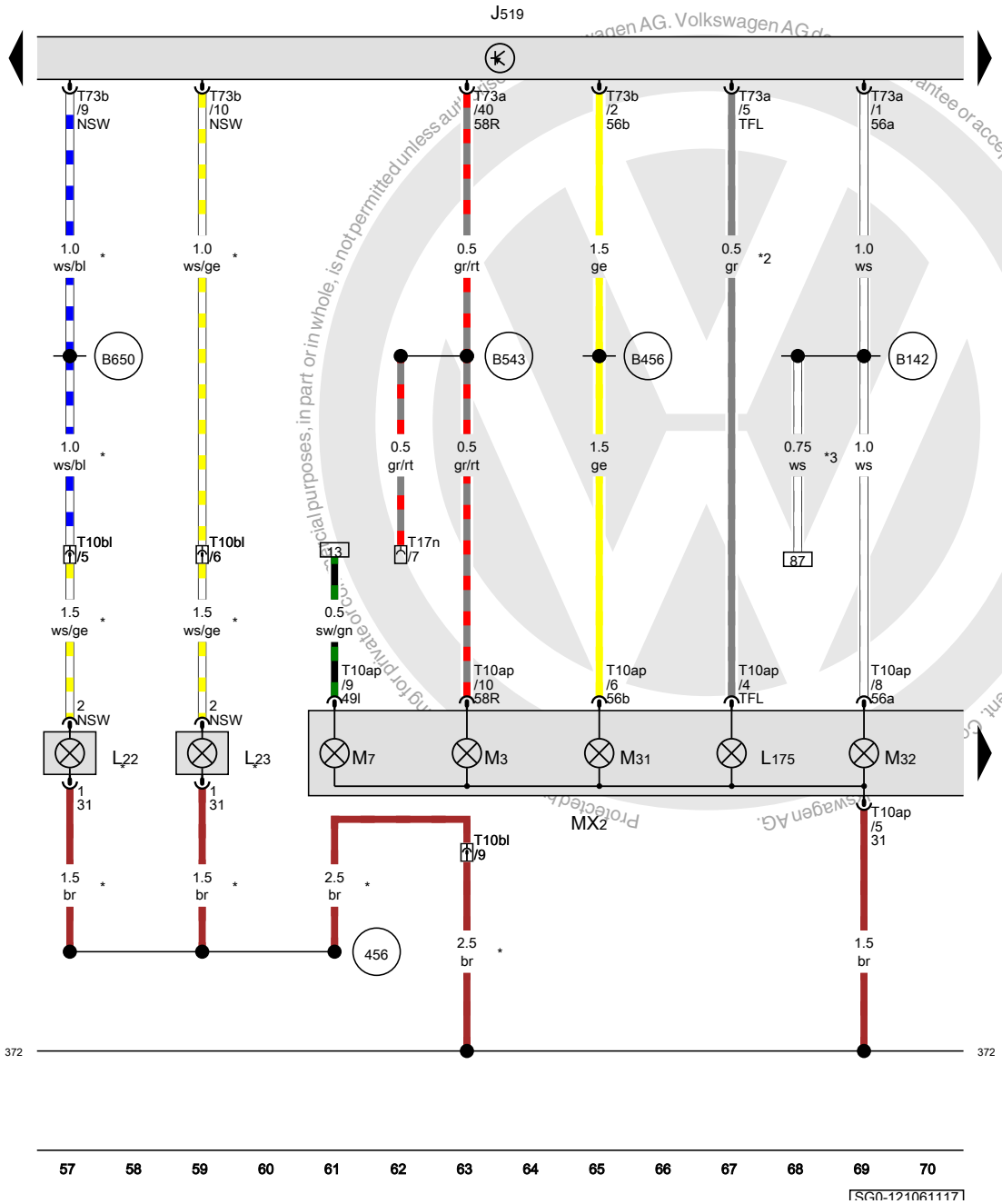
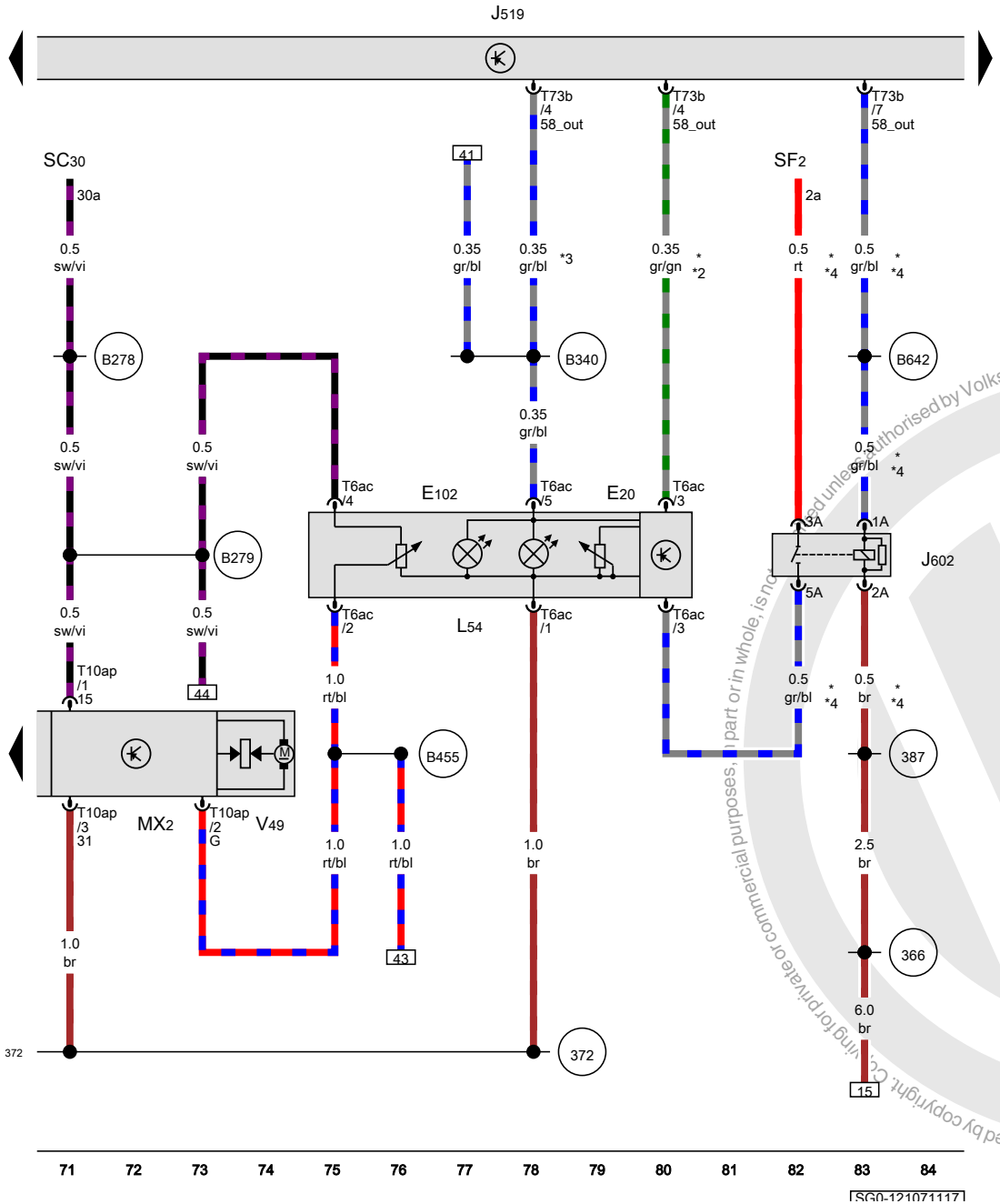


ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Onboard supply control unit, Left fog light bulb, Right fog light bulb, Front right headlight

J519	Onboard supply control unit
L22	Left fog light bulb
L23	Right fog light bulb
L175	Right daytime running light bulb
MX2	Front right headlight
M3	Right side light bulb
M7	Front right turn signal bulb
M31	Right headlight dipped beam bulb
M32	Right headlight main beam bulb
T10ap	10-pin connector, black
T10bl	10-pin connector, black, near horn, dual tone horn
T17n	17-pin connector, light green, under seat on front left
T73a	73-pin connector, black
T73b	73-pin connector, white
372	Earth connection 7, in main wiring harness
456	Earth connection 1, front bumper wiring harness
B142	Positive connection 2 (56a), in interior wiring harness
B456	Connection (56b), in main wiring harness
B543	Positive connection (58R), in main wiring harness
B650	Connection 8, in interior wiring harness
*	For models with fog lights
*2	For models with daytime running lights
*3	Up to November 2016

Switch and instrument illumination regulator, Headlight range control regulator, Onboard supply control unit, Front right headlight, Fuse 2 in fuse holder F, Fuse 30 on fuse holder C, Right headlight range control motor



E20	Switch and instrument illumination regulator	
E102	Headlight range control regulator	
J519	Onboard supply control unit	
J602	Interior light relay	
L54	Headlight range control regulator illumination bulb	
MX2	Front right headlight	
SF2	Fuse 2 in fuse holder F	
SC30	Fuse 30 on fuse holder C	
T6ac	6-pin connector, black	
T10ap	10-pin connector, black	
T73b	73-pin connector, white	
V49	Right headlight range control motor	
366	Earth connection 1, in main wiring harness	
372	Earth connection 7, in main wiring harness	
387	Earth connection 22, in main wiring harness	
B278	Positive connection 2 (15a) in main wiring harness	
B279	Positive connection 3 (15a) in main wiring harness	
B340	Connection 1 (58d), in main wiring harness	
B455	Connection (HRC), in main wiring harness	
B642	Positive connection (58), in main wiring harness	
*	For models with dimmable instrument illumination	
*2	For models with no background lighting	
*3	For models with no dimmable instrument illumination	
*4	For models with background lighting	

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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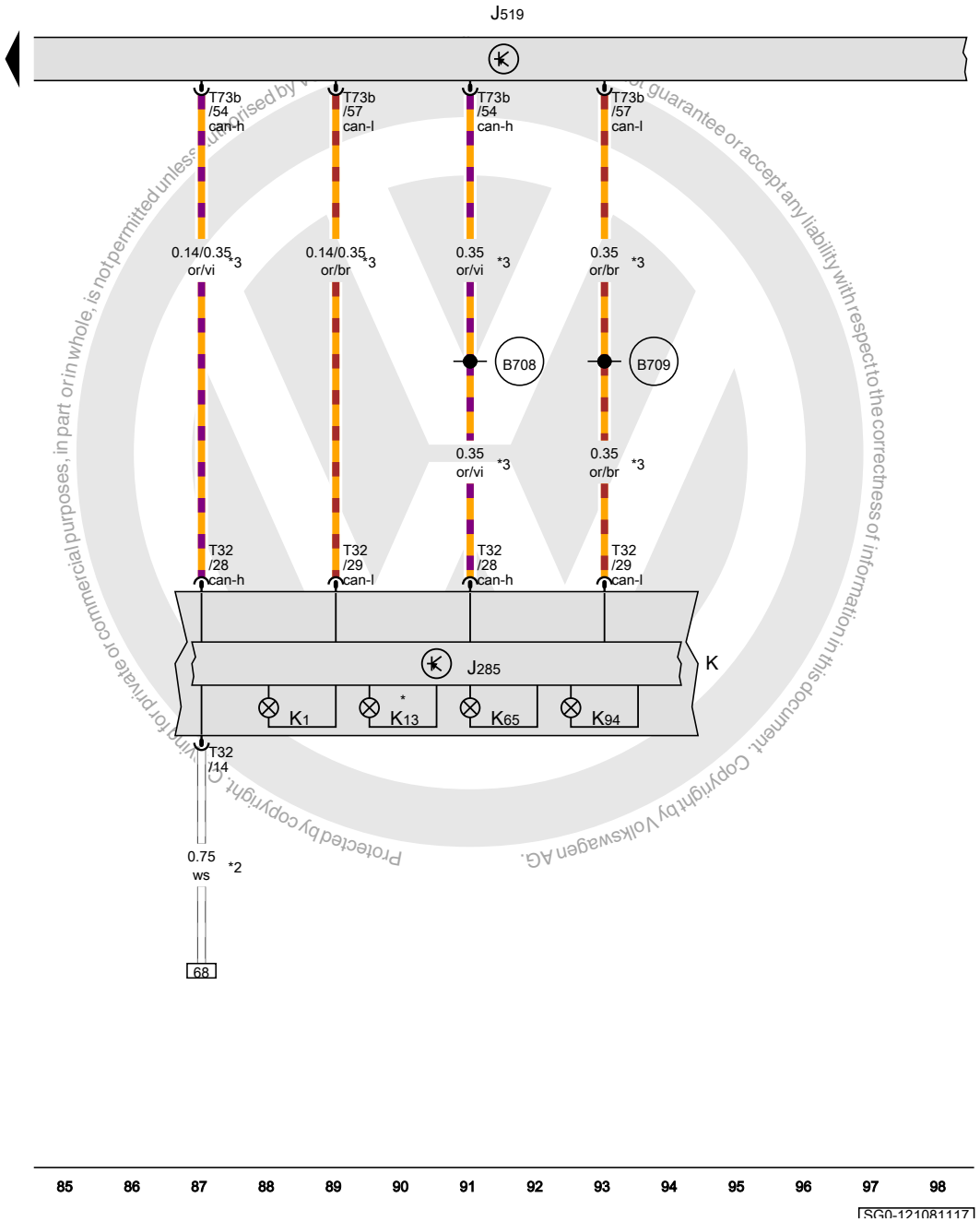

Onboard supply control unit, Dash panel insert

J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K1	Main beam warning lamp
K13	Rear fog light warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
T32	32-pin connector, blue
T73b	73-pin connector, white
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	For models with rear fog light
*2	Up to November 2016
*3	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Taxi equipment , (4L2),(4L3),(4L6),(5FB)

From April 2017

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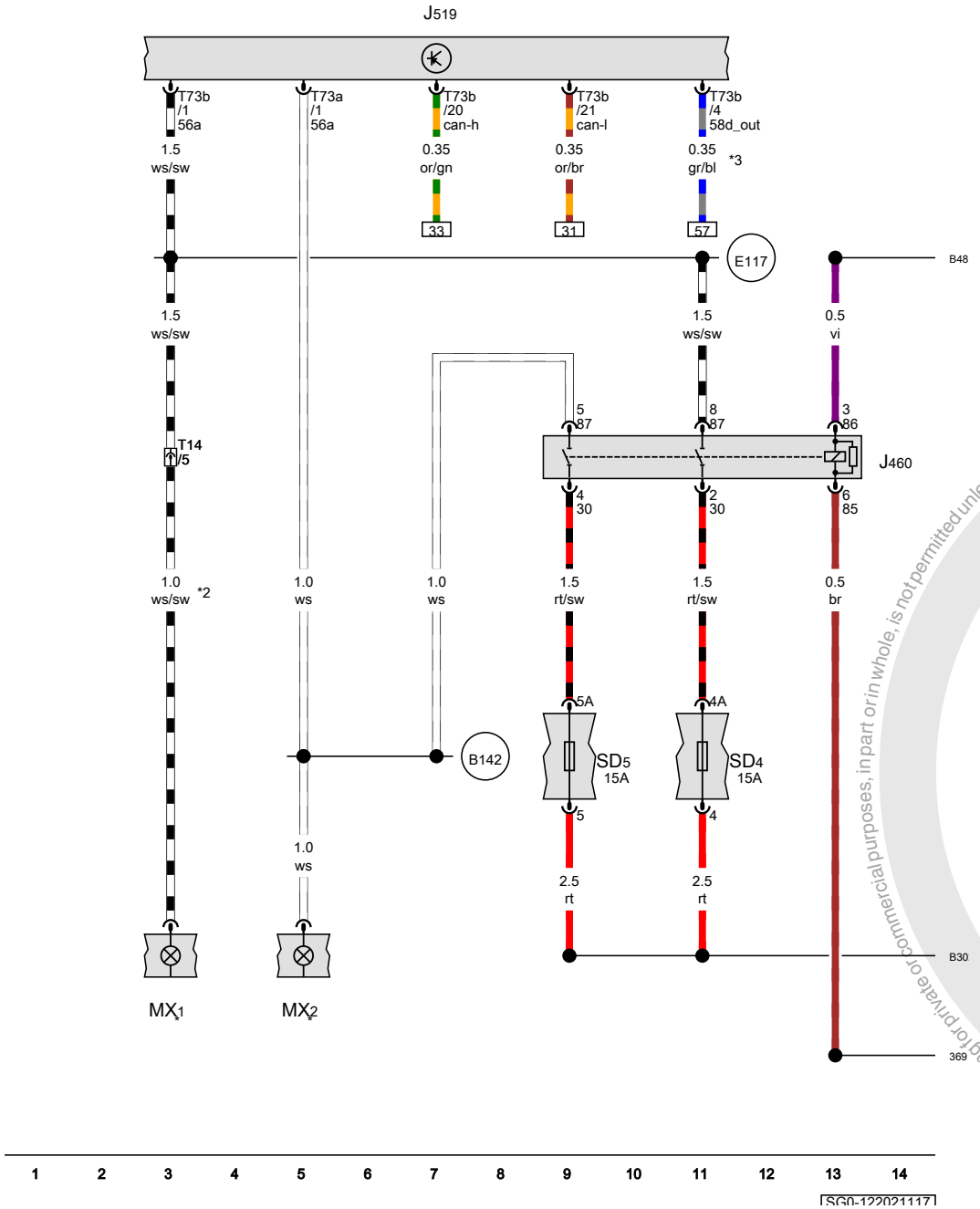
Alarm system relay 1, Onboard supply control unit, Fuse 4 on fuse holder D, Fuse 5 on fuse holder D



J460	Alarm system relay 1
J519	Onboard supply control unit
MX1	Front left headlight
MX2	Front right headlight
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T14	14-pin connector, black, near horn, dual tone horn
T73a	73-pin connector, black
T73b	73-pin connector, white
369	Earth connection 4, in main wiring harness
B142	Positive connection 2 (56a), in interior wiring harness
B302	Positive connection 6 (30), in main wiring harness
B481	Connection 17, in main wiring harness
E117	Connection (56a, left), in dash panel wiring harness
*	see applicable current flow diagram for headlights
*2	Cross-section 1.5 possible
*3	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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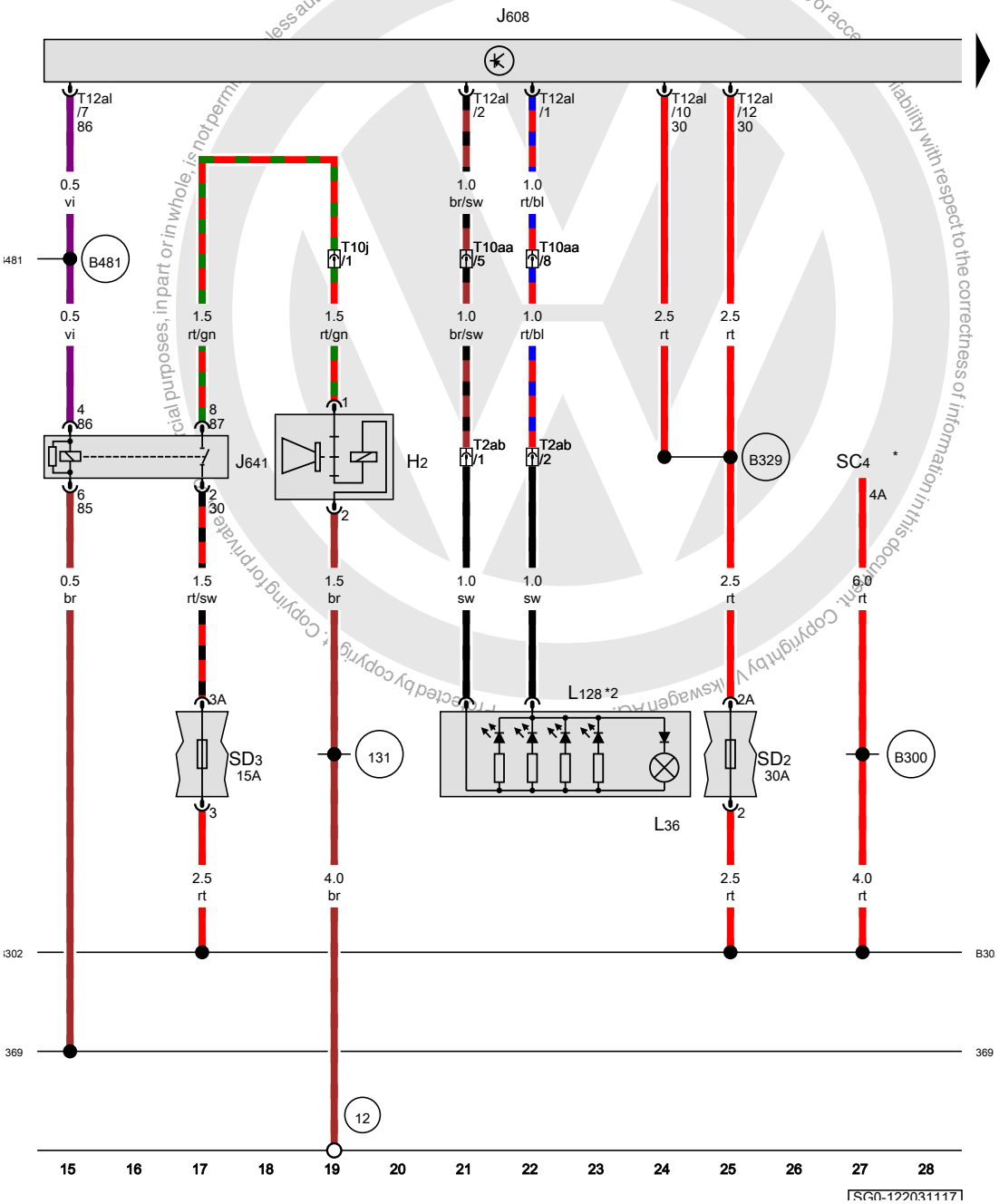

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Special vehicle control unit, Alarm horn relay, Taxi roof sign light bulb, Taxi silent alarm bulb, Fuse 2 on fuse holder D, Fuse 3 on fuse holder D

H2	Treble horn
J608	Special vehicle control unit
J641	Alarm horn relay
L36	Taxi roof sign light bulb
L128	Taxi silent alarm bulb
SD2	Fuse 2 on fuse holder D
SD3	Fuse 3 on fuse holder D
SC4	Fuse 4 on fuse holder C
T2ab	2-pin connector, black, on upper section of left B-pillar
T10aa	10-pin connector, dark brown, under seat on front left
T10j	10-pin connector, dark brown, in E-box in engine compartment
T12al	12-pin connector, black, under front passenger seat
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
369	Earth connection 4, in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
B329	Positive connection 15 (30a) in main wiring harness
B481	Connection 17, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Special equipment

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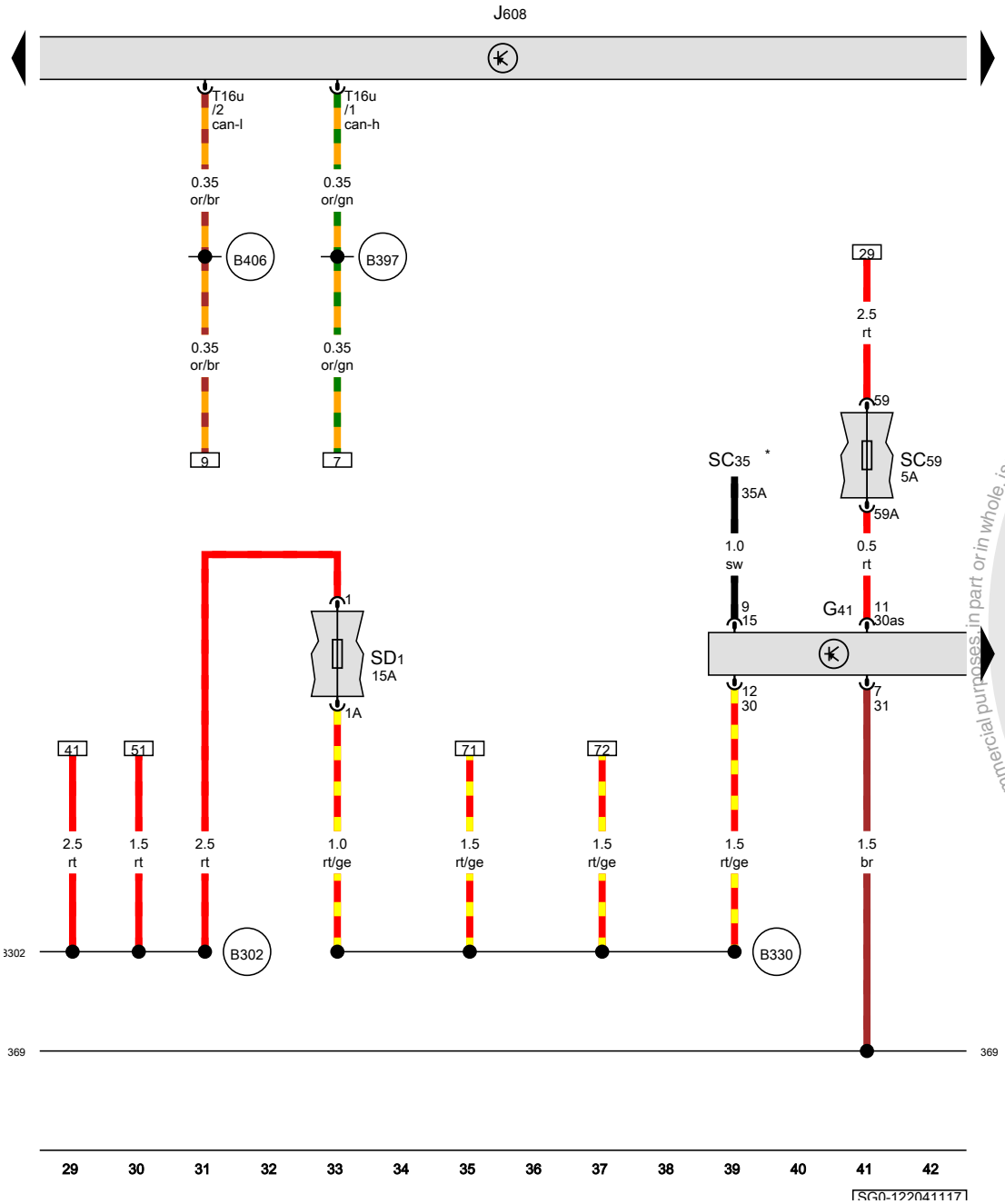

Taximeter, Special vehicle control unit, Fuse 1 on fuse holder D, Fuse 35 on fuse holder C, Fuse 59 on fuse holder C

G41	Taximeter
J608	Special vehicle control unit
SD1	Fuse 1 on fuse holder D
SC35	Fuse 35 on fuse holder C
SC59	Fuse 59 on fuse holder C
T16u	16-pin connector, brown, under front passenger seat
369	Earth connection 4, in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
B330	Positive connection 16 (30a) in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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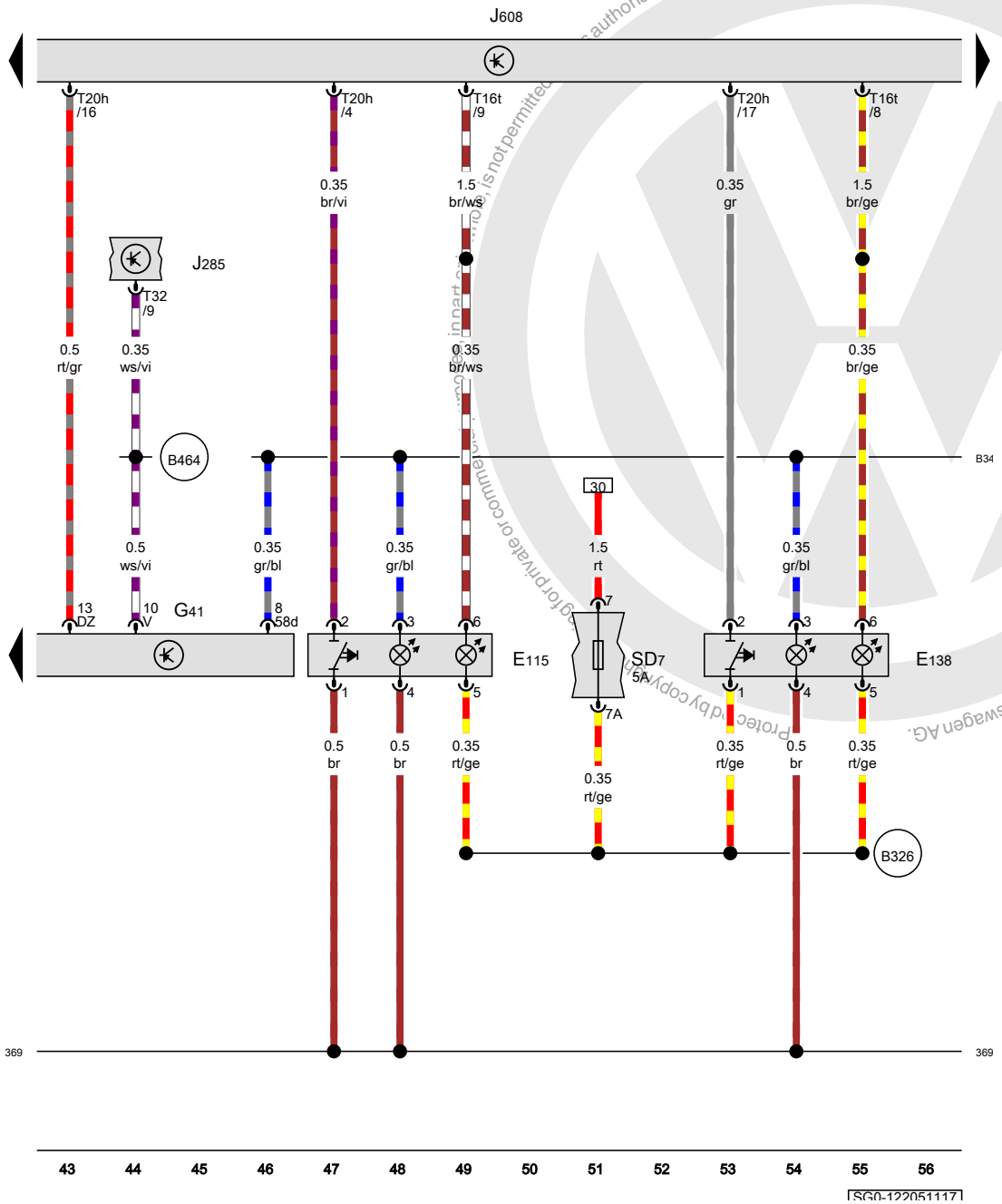
Interior light switch (taxi), Taxi sign switch, Taximeter, Control unit in dash panel insert, Special vehicle control unit, Fuse 7 on fuse holder D



E115	Interior light switch (taxi)
E138	Taxi sign switch
G41	Taximeter
J285	Control unit in dash panel insert
J608	Special vehicle control unit
SD7	Fuse 7 on fuse holder D
T16t	16-pin connector, black, under front passenger seat
T20h	20-pin connector, red, under front passenger seat
T32	32-pin connector, blue
369	Earth connection 4, in main wiring harness
B326	Positive connection 12 (30a) in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B464	Connection (speed signal), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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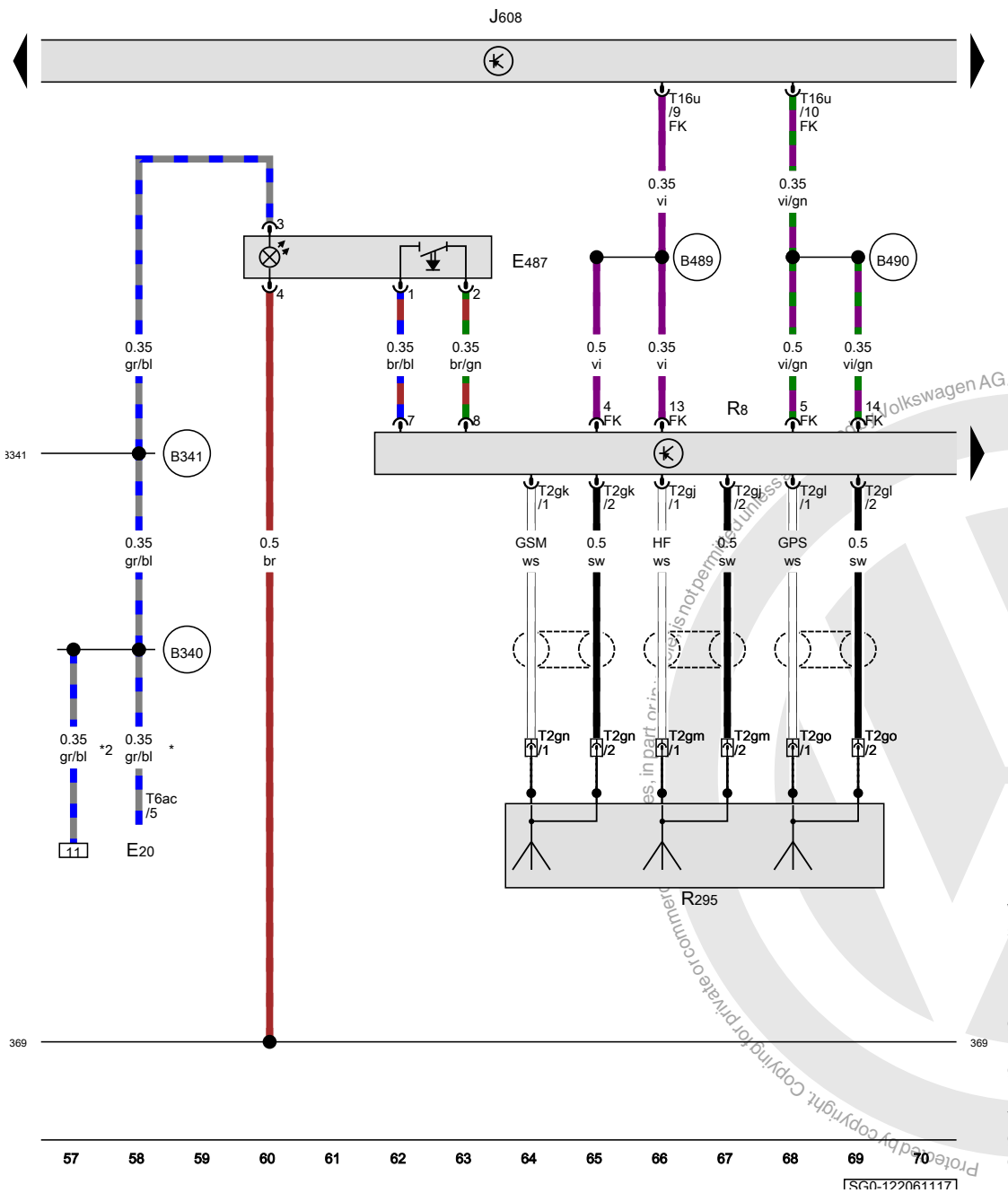

Switch and instrument illumination regulator, Hands-free system button, Special vehicle control unit, Two-way radio, Two-way radio aerial

E20	Switch and instrument illumination regulator
E487	Hands-free system button
J608	Special vehicle control unit
R8	Two-way radio, in glove compartment
R295	Two-way radio aerial, in rear part of roof
T2gj	2-pin connector
T2gk	2-pin connector, purple
T2gl	2-pin connector, blue
T2gm	2-pin connector, yellow, in rear part of roof
T2gn	2-pin connector, purple, in rear part of roof
T2go	2-pin connector, blue, in rear part of roof
T6ac	6-pin connector, black
T16u	16-pin connector, brown, under front passenger seat
369	Earth connection 4, in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B489	Connection 25, in main wiring harness
B490	Connection 26, in main wiring harness
*	For models with dimmable instrument illumination
*2	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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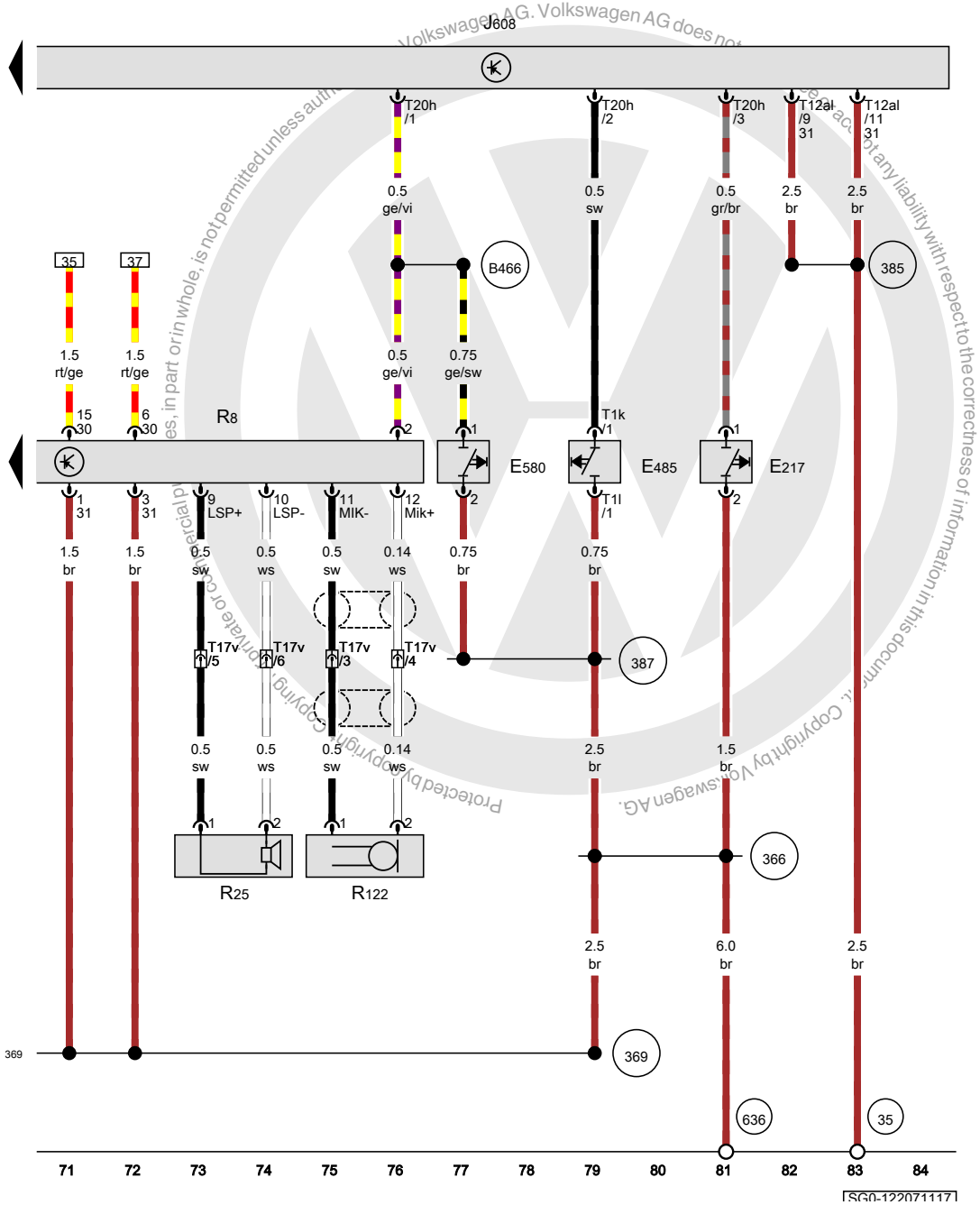

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Alarm system off switch, Taxi alarm active button, Passive Taxi alarm button, Special vehicle control unit, Two-way radio

E217	Alarm system off switch
E485	Taxi alarm active button
E580	Passive Taxi alarm button
J608	Special vehicle control unit
R8	Two-way radio, in glove compartment
R25	Two-way radio loudspeaker
R122	2-way radio unit microphone
T1k	1-pin connector, colourless
T1l	1-pin connector, colourless
T12al	12-pin connector, black, under front passenger seat
T17v	17-pin connector, grey, on left A-pillar
T20h	20-pin connector, red, under front passenger seat
35	Earth point, under front passenger seat
366	Earth connection 1, in main wiring harness
369	Earth connection 4, in main wiring harness
385	Earth connection 20, in main wiring harness
387	Earth connection 22, in main wiring harness
636	Earth point, onboard supply control unit
B466	Connection 2, in main wiring harness

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Taxi equipment , (4L8),(5FA),(5FD)

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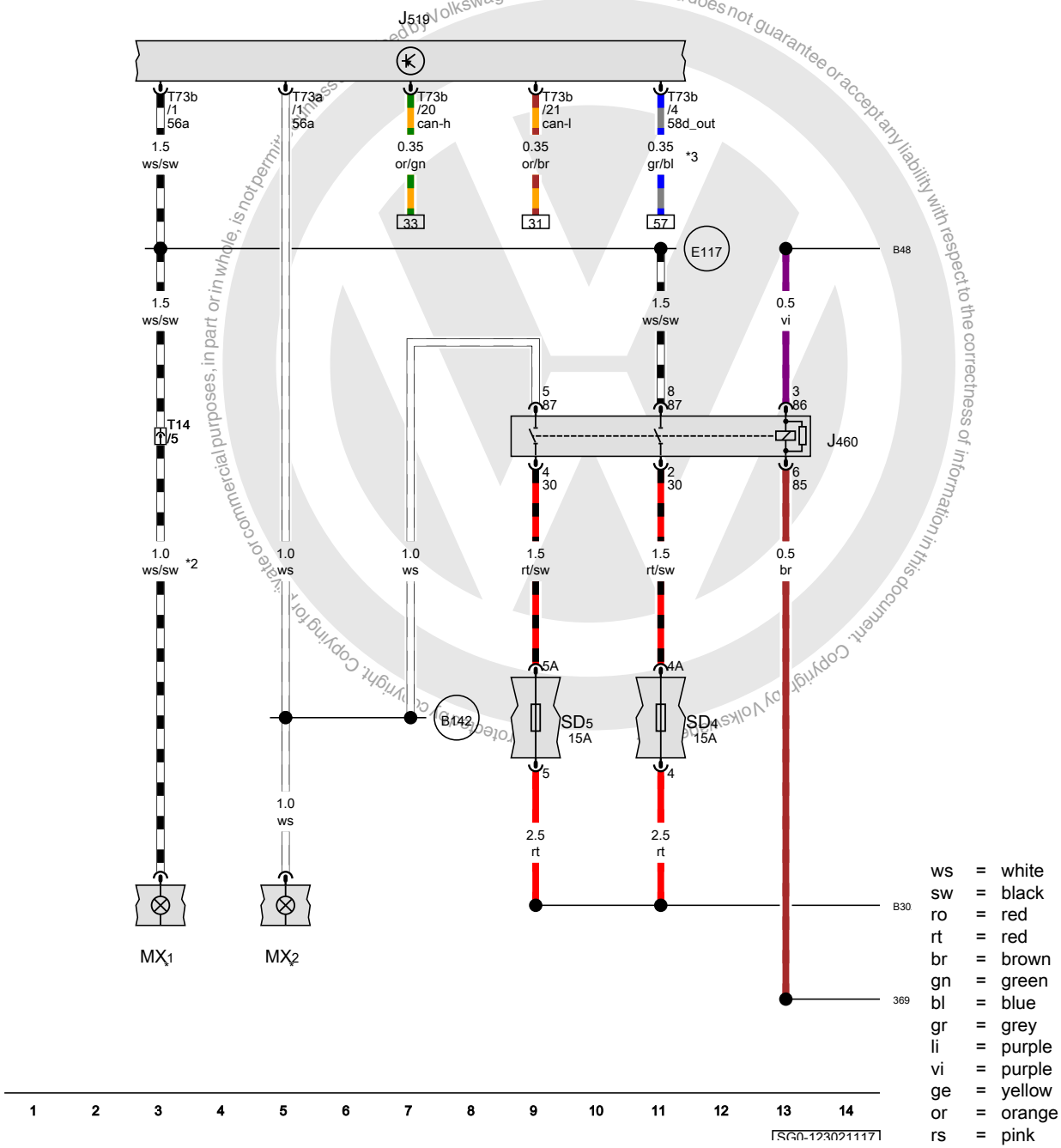

ws	=	white	
sw	=	black	
ro	=	red	
rt	=	red	
br	=	brown	
gn	=	green	
bl	=	blue	
gr	=	grey	
li	=	purple	
vi	=	purple	
ge	=	yellow	
or	=	orange	
rs	=	pink	

Alarm system relay 1, Onboard supply control unit, Fuse 4 on fuse holder D, Fuse 5 on fuse holder D

J460	Alarm system relay 1
J519	Onboard supply control unit
MX1	Front left headlight
MX2	Front right headlight
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T14	14-pin connector, black, near horn, dual tone horn
T73a	73-pin connector, black
T73b	73-pin connector, white
369	Earth connection 4, in main wiring harness
B142	Positive connection 2 (56a), in interior wiring harness
B302	Positive connection 6 (30), in main wiring harness
B481	Connection 17, in main wiring harness
E117	Connection (56a, left), in dash panel wiring harness
*	see applicable current flow diagram for headlights
*2	Cross-section 1.5 possible
*3	For models with no dimmable instrument illumination

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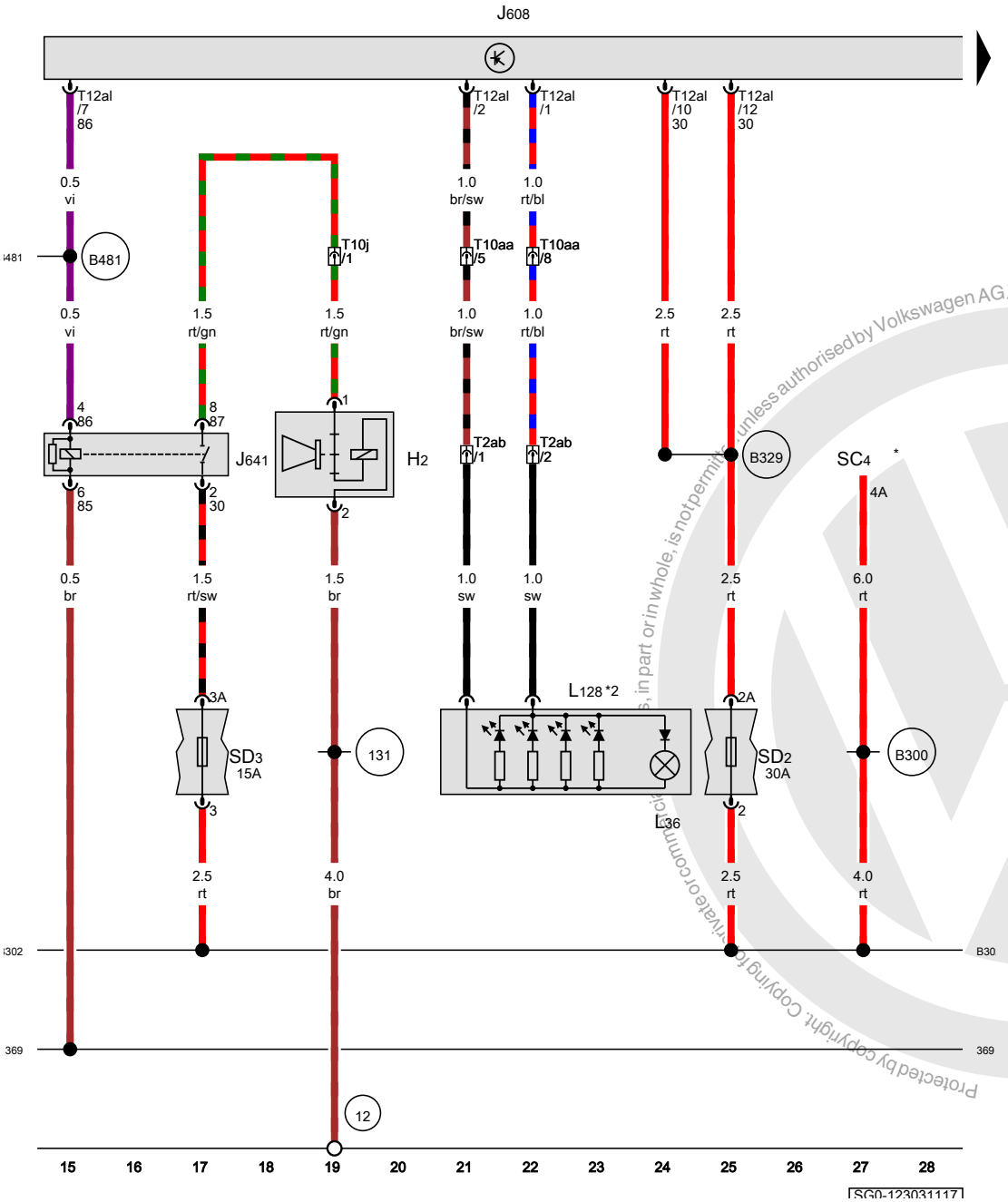

Special vehicle control unit, Alarm horn relay, Taxi roof sign light bulb, Taxi silent alarm bulb, Fuse 2 on fuse holder D, Fuse 3 on fuse holder D

H2	Treble horn
J608	Special vehicle control unit
J641	Alarm horn relay
L36	Taxi roof sign light bulb
L128	Taxi silent alarm bulb
SD2	Fuse 2 on fuse holder D
SD3	Fuse 3 on fuse holder D
SC4	Fuse 4 on fuse holder C
T2ab	2-pin connector, black, on upper section of left B-pillar
T10aa	10-pin connector, dark brown, under seat on front left
T10j	10-pin connector, dark brown, in E-box in engine compartment
T12al	12-pin connector, black, under front passenger seat
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
369	Earth connection 4, in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
B329	Positive connection 15 (30a) in main wiring harness
B481	Connection 17, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Special equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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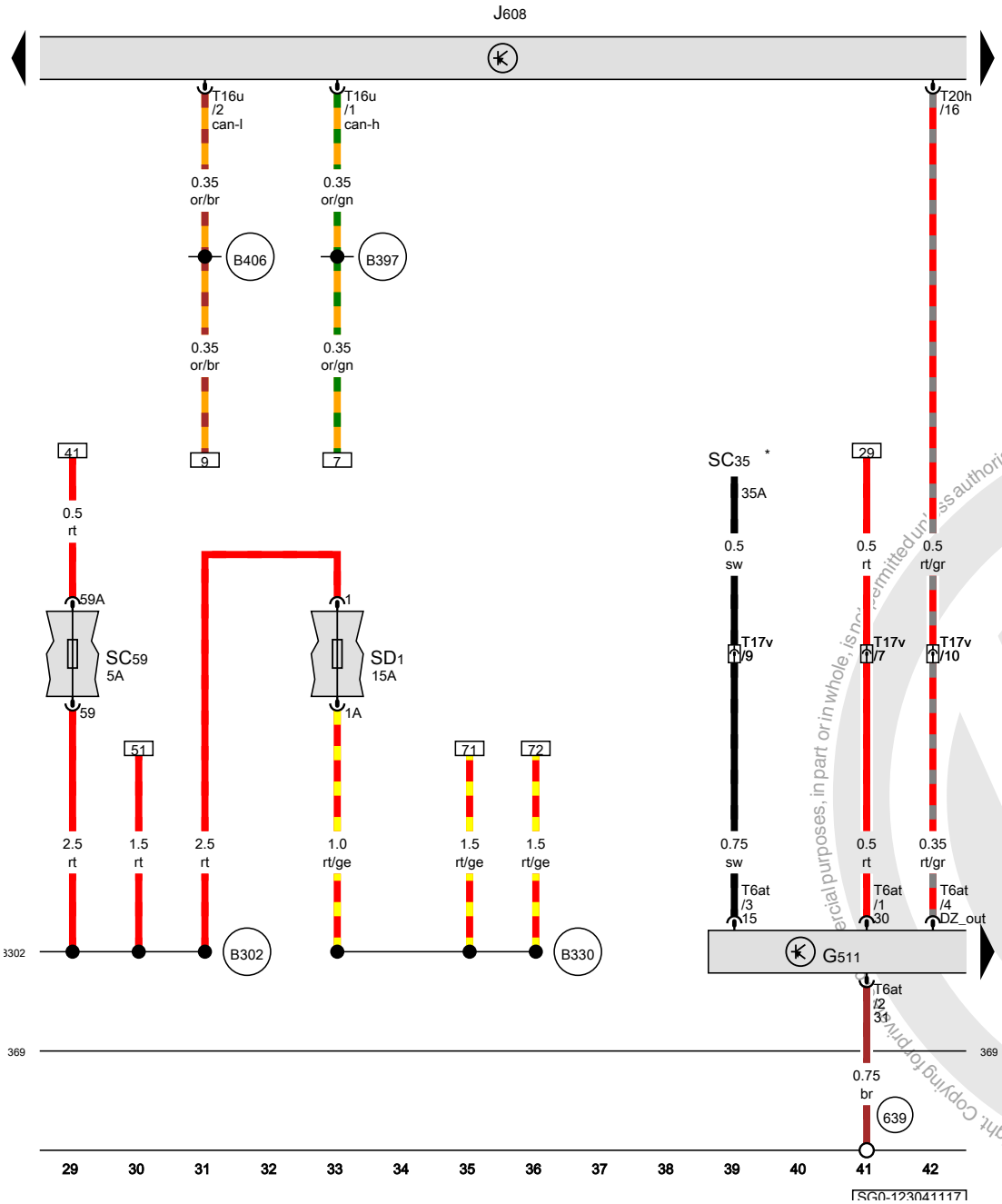
Mirror taximeter, Special vehicle control unit, Fuse 1 on fuse holder D, Fuse 35 on fuse holder C, Fuse 59 on fuse holder C

G511	Mirror taximeter
J608	Special vehicle control unit
SD1	Fuse 1 on fuse holder D
SC35	Fuse 35 on fuse holder C
SC59	Fuse 59 on fuse holder C
T6at	6-pin connector, blue
T16u	16-pin connector, brown, under front passenger seat
T17v	17-pin connector, grey, on left A-pillar
T20h	20-pin connector, red, under front passenger seat
369	Earth connection 4, in main wiring harness
639	Earth point, left A-pillar
B302	Positive connection 6 (30), in main wiring harness
B330	Positive connection 16 (30a) in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for fuse assignment



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rt	=	red
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gn	=	green
bl	=	blue
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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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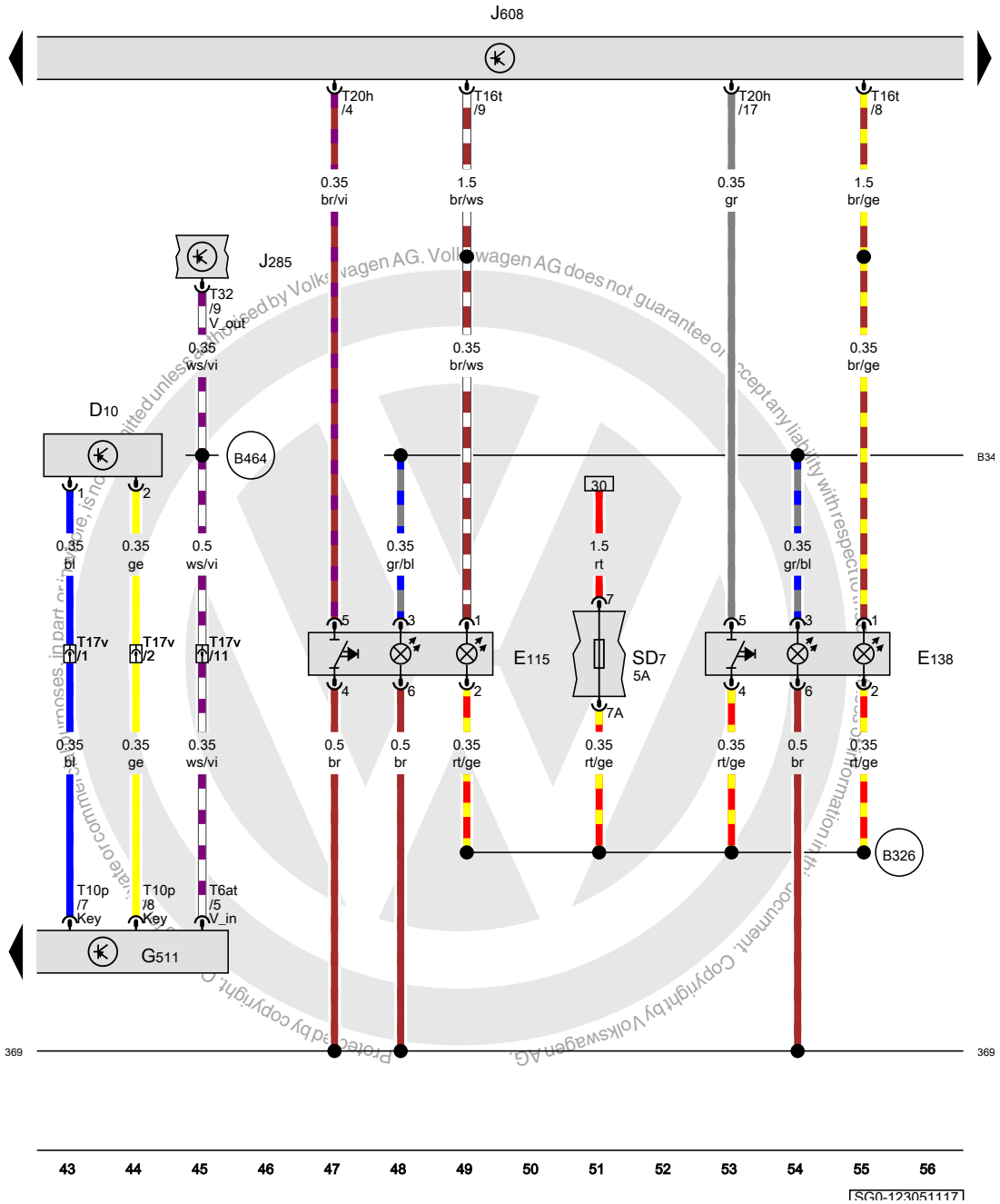

Interior light switch (taxi), Taxi sign switch, Mirror taximeter, Control unit in dash panel insert, Special vehicle control unit, Fuse 7 on fuse holder D

D10	Reader unit for taxi charge system
E115	Interior light switch (taxi)
E138	Taxi sign switch
G511	Mirror taximeter
J285	Control unit in dash panel insert
J608	Special vehicle control unit
SD7	Fuse 7 on fuse holder D
T6at	6-pin connector, blue
T10p	10-pin connector, red
T16t	16-pin connector, black, under front passenger seat
T17v	17-pin connector, grey, on left A-pillar
T20h	20-pin connector, red, under front passenger seat
T32	32-pin connector, blue
369	Earth connection 4, in main wiring harness
B326	Positive connection 12 (30a) in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B464	Connection (speed signal), in main wiring harness

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sw	=	black
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rt	=	red
br	=	brown
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or	=	orange
rs	=	pink

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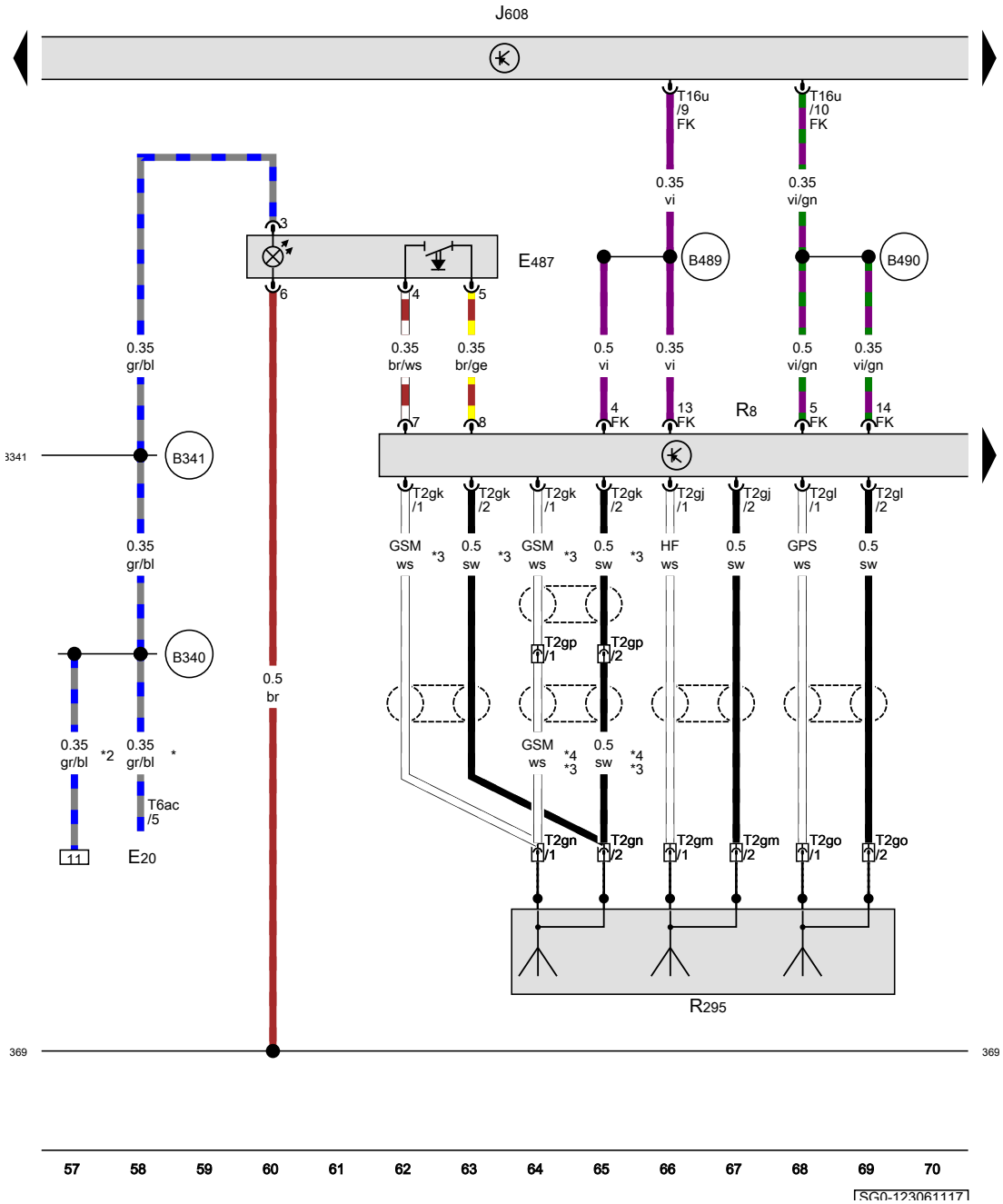
Switch and instrument illumination regulator, Hands-free system button, Special vehicle control unit, Two-way radio, Two-way radio aerial



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bl	=	blue
gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink

E20	Switch and instrument illumination regulator
E487	Hands-free system button
J608	Special vehicle control unit
R8	Two-way radio, in glove compartment
R295	Two-way radio aerial, in rear part of roof
T2gj	2-pin connector
T2gk	2-pin connector, purple
T2gl	2-pin connector, blue
T2gm	2-pin connector, yellow, in rear part of roof
T2gn	2-pin connector, purple, in rear part of roof
T2go	2-pin connector, blue, in rear part of roof
T2gp	2-pin connector, purple, in rear part of roof
T6ac	6-pin connector, black
T16u	16-pin connector, brown, under front passenger seat
369	Earth connection 4, in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B489	Connection 25, in main wiring harness
B490	Connection 26, in main wiring harness
*	For models with dimmable instrument illumination
*2	For models with no dimmable instrument illumination
*3	According to equipment
*4	Adapter wire

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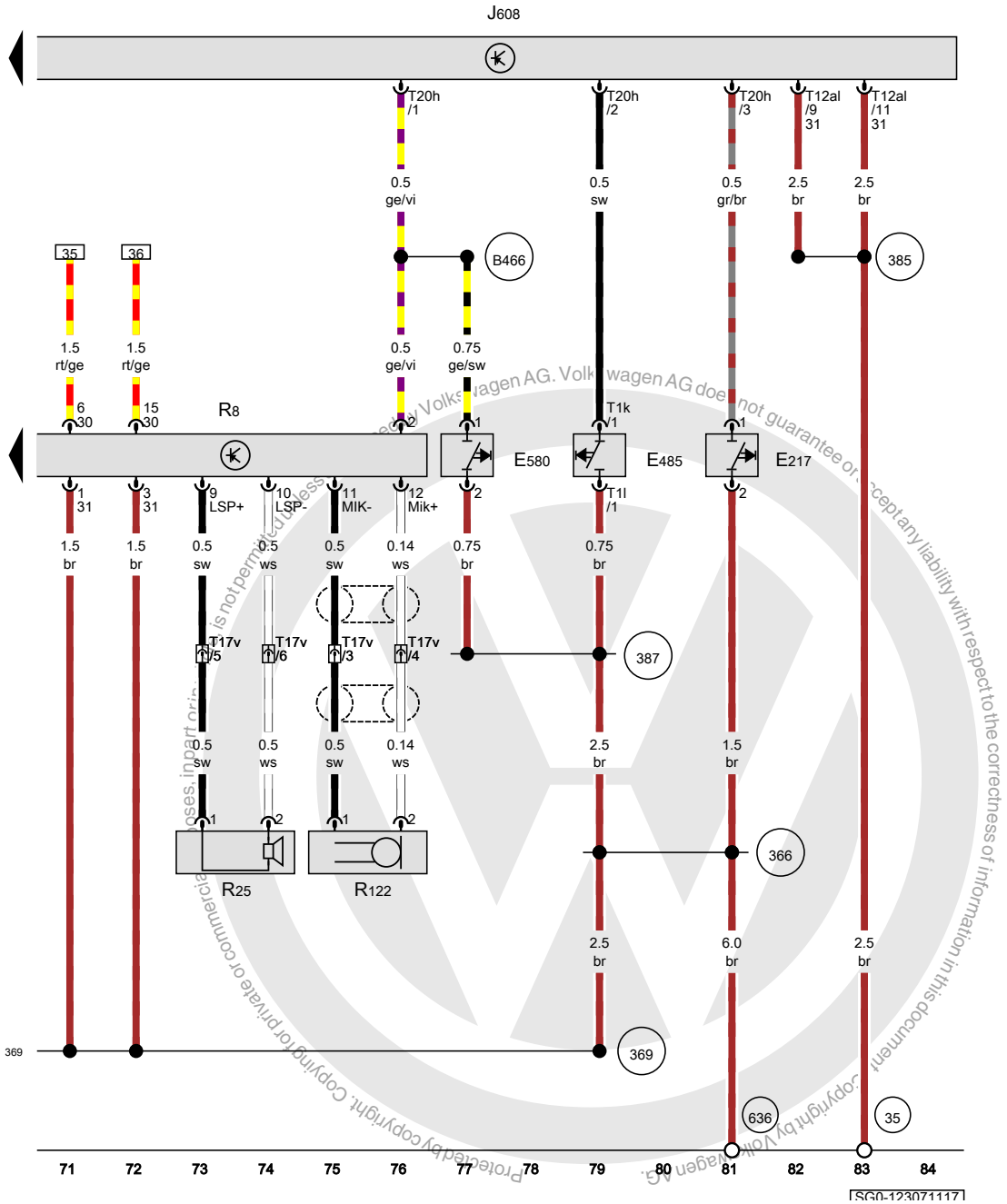

Alarm system off switch, Taxi alarm active button, Passive Taxi alarm button, Special vehicle control unit, Two-way radio

E217	Alarm system off switch
E485	Taxi alarm active button
E580	Passive Taxi alarm button
J608	Special vehicle control unit
R8	Two-way radio, in glove compartment
R25	Two-way radio loudspeaker
R122	2-way radio unit microphone
T1k	1-pin connector, colourless
T1l	1-pin connector, colourless
T12al	12-pin connector, black, under front passenger seat
T17v	17-pin connector, grey, on left A-pillar
T20h	20-pin connector, red, under front passenger seat
35	Earth point, under front passenger seat
366	Earth connection 1, in main wiring harness
369	Earth connection 4, in main wiring harness
385	Earth connection 20, in main wiring harness
387	Earth connection 22, in main wiring harness
636	Earth point, onboard supply control unit
B466	Connection 2, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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All-wheel drive

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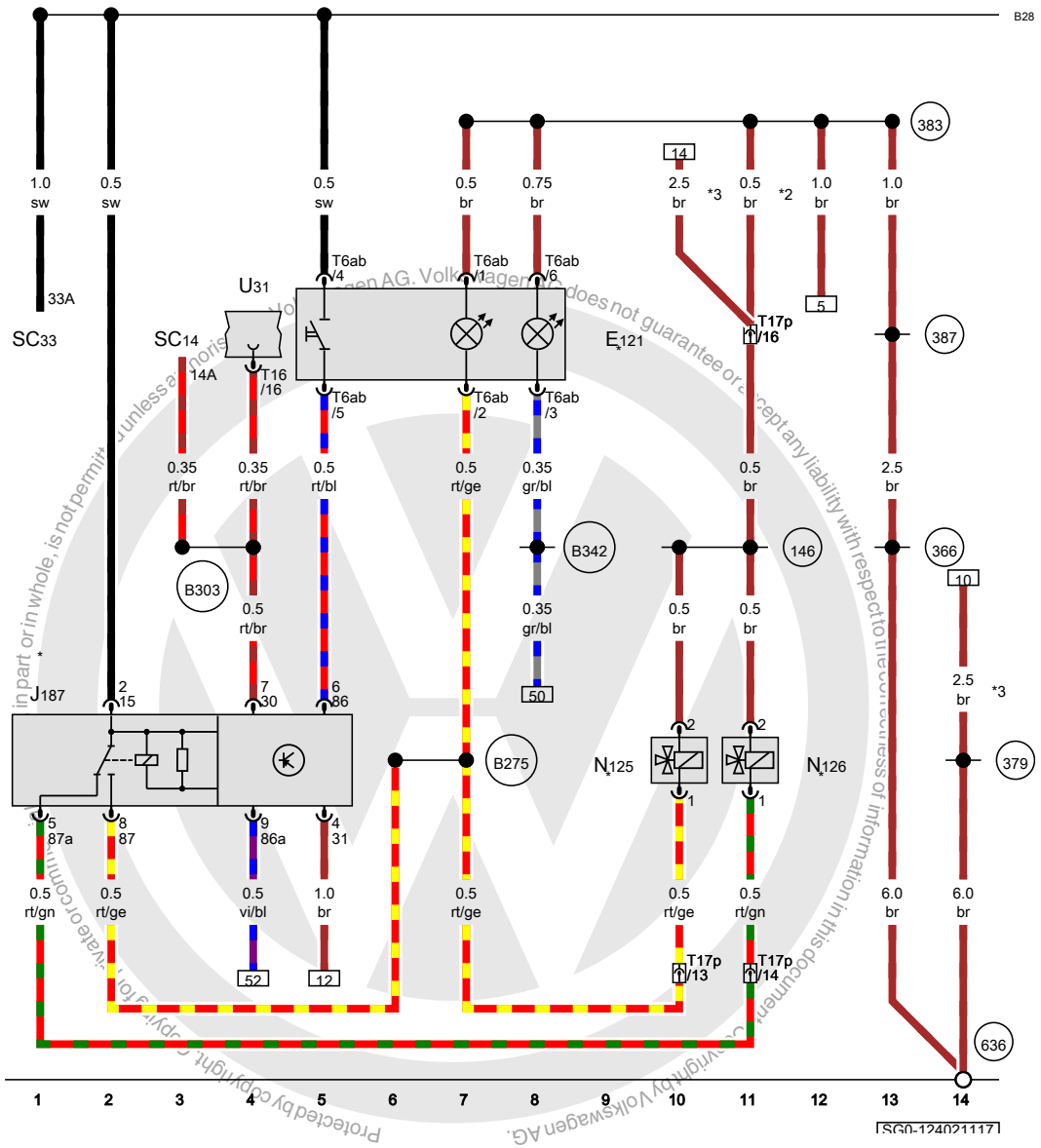

Differential lock control unit, Differential lock valve 1, Differential lock valve 2

E121	Rear differential lock switch
J187	Differential lock control unit
N125	Differential lock valve 1
N126	Differential lock valve 2
SC14	Fuse 14 on fuse holder C
SC33	Fuse 33 on fuse holder C
T6ab	6-pin connector, brown
T16	16-pin connector, black
T17p	17-pin connector, red, under seat on front left
U31	Diagnostic connection
146	Earth connection 1, in auxiliary heater wiring harness
366	Earth connection 1, in main wiring harness
379	Earth connection 14, in main wiring harness
383	Earth connection 18, in main wiring harness
387	Earth connection 22, in main wiring harness
636	Earth point, onboard supply control unit
B275	Positive connection (87), in main wiring harness
B281	Positive connection 5 (15a) in main wiring harness
B303	Positive connection 7 (30), in main wiring harness
B342	Connection 3 (58d), in main wiring harness
*	For models with rear differential lock
*2	For models with no auxiliary coolant heater
*3	For models with auxiliary coolant heater

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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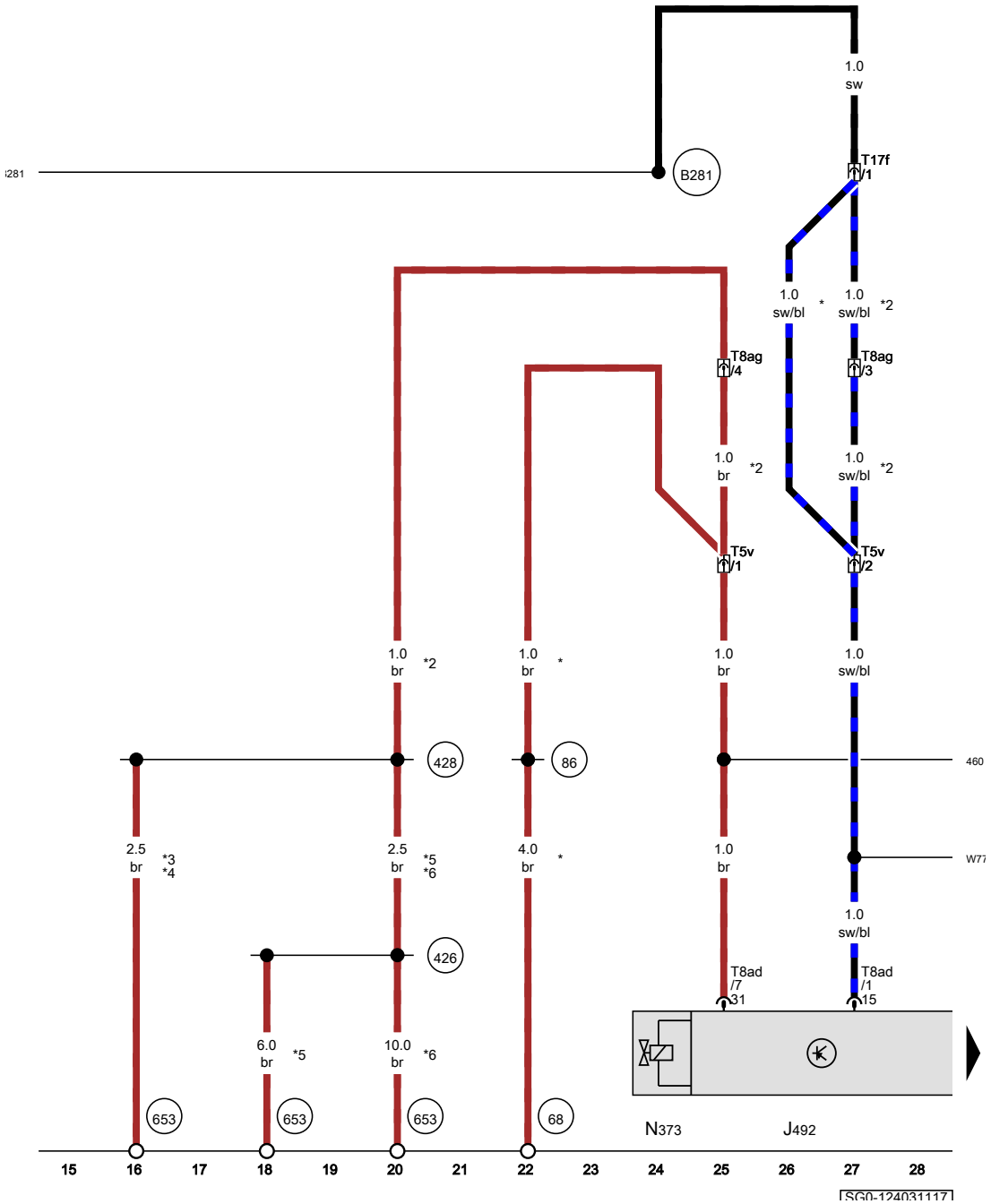

All-wheel drive control unit, Coupling opening control valve

J492	All-wheel drive control unit
N373	Coupling opening control valve
T5v	5-pin connector, black
T8ad	8-pin connector, black
T8ag	8-pin connector, black, behind lower section of left D-pillar trim
T17f	17-pin connector, brown, under seat on front left
68	Earth point, on left of rear cross member
86	Earth connection 1, in rear wiring harness
426	Earth connection 3, in left rear end wiring harness
428	Earth connection 4, in left rear end wiring harness
460	Earth connection 1 in all-wheel drive wiring harness
653	Earth point, on left D-pillar
B281	Positive connection 5 (15a) in main wiring harness
W77	Positive connection 1 (15) in all-wheel drive wiring harness
*	For models with double cab/dropside
*2	For Multivan, panel van and Kombi models
*3	For models with no trailer socket
*4	For models with no heated rear window
*5	For models with trailer socket or heated rear window
*6	For models with trailer socket and heated rear window

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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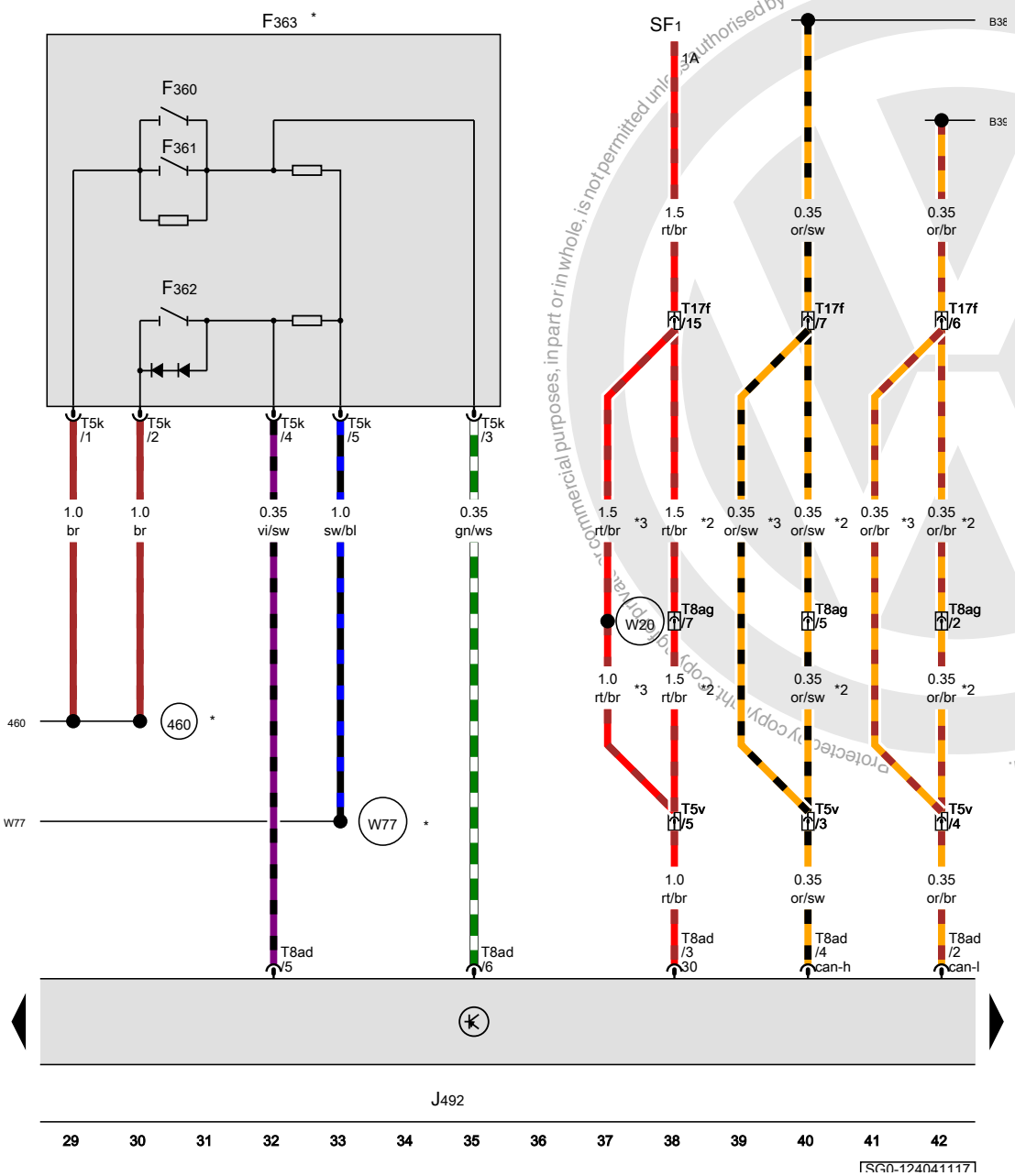

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gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Reed contact switch 1 for differential lock, Reed contact switch 2 for differential lock, Reed contact switch 3 for differential lock, Vacuum switch for rear differential lock, All-wheel drive control unit

F360	Reed contact switch 1 for differential lock
F361	Reed contact switch 2 for differential lock
F362	Reed contact switch 3 for differential lock
F363	Vacuum switch for rear differential lock
J492	All-wheel drive control unit
SF1	Fuse 1 in fuse holder F
T5k	5-pin connector, black
T5v	5-pin connector, black
T8ad	8-pin connector, black
T8ag	8-pin connector, black, behind lower section of left D-pillar trim
T17f	17-pin connector, brown, under seat on front left
460	Earth connection 1 in all-wheel drive wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
W20	Positive connection (30a) in rear wiring harness
W77	Positive connection 1 (15) in all-wheel drive wiring harness
*	For models with rear differential lock
*2	For Multivan, panel van and Kombi models
*3	For models with double cab/dropside

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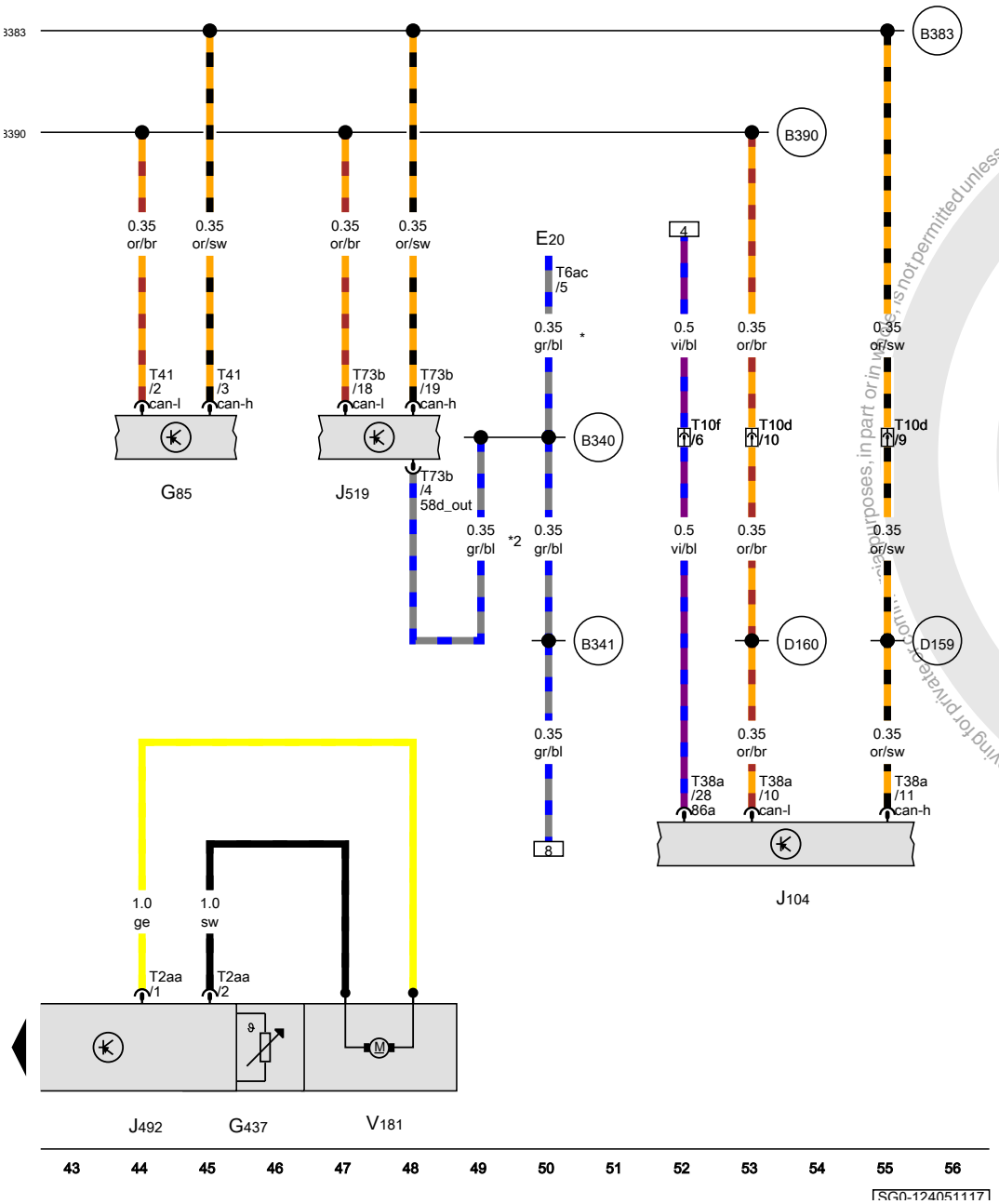
Steering angle sender, Oil pressure and oil temperature sender, ABS control unit, All-wheel drive control unit, Onboard supply control unit, All-wheel drive coupling pump



E20	Switch and instrument illumination regulator
G85	Steering angle sender
G437	Oil pressure and oil temperature sender
J104	ABS control unit
J492	All-wheel drive control unit
J519	Onboard supply control unit, behind dash panel, left
T2aa	2-pin connector, black
T6ac	6-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T38a	38-pin connector, black
T41	41-pin connector, grey
T73b	73-pin connector, white
V181	All-wheel drive coupling pump
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	For models with dimmable instrument illumination
*2	For models with no dimmable instrument illumination

ws	=	white
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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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rs	=	pink

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Seat heating for seats with leatherette/cloth covers , (L0R),(3L0),(3L1),(3L2),(3L3)

From June 2015

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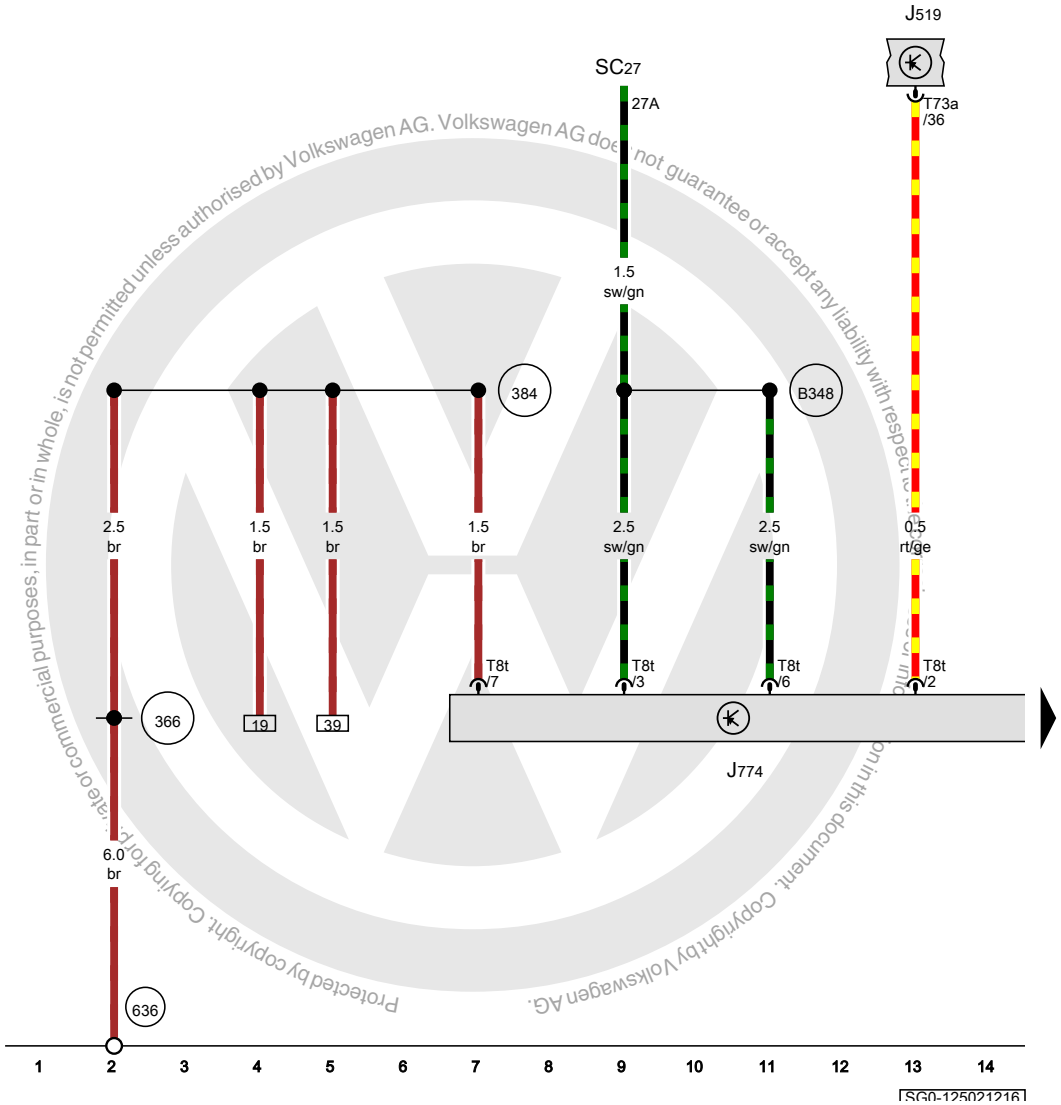
Onboard supply control unit, Heated front seats control unit, Fuse 27 on fuse holder C

J519	Onboard supply control unit
J774	Heated front seats control unit
SC27	Fuse 27 on fuse holder C
T8t	8-pin connector, black
T73a	73-pin connector, black
366	Earth connection 1, in main wiring harness
384	Earth connection 19, in main wiring harness
636	Earth point, onboard supply control unit
B348	Connection 1 (75a), in main wiring harness



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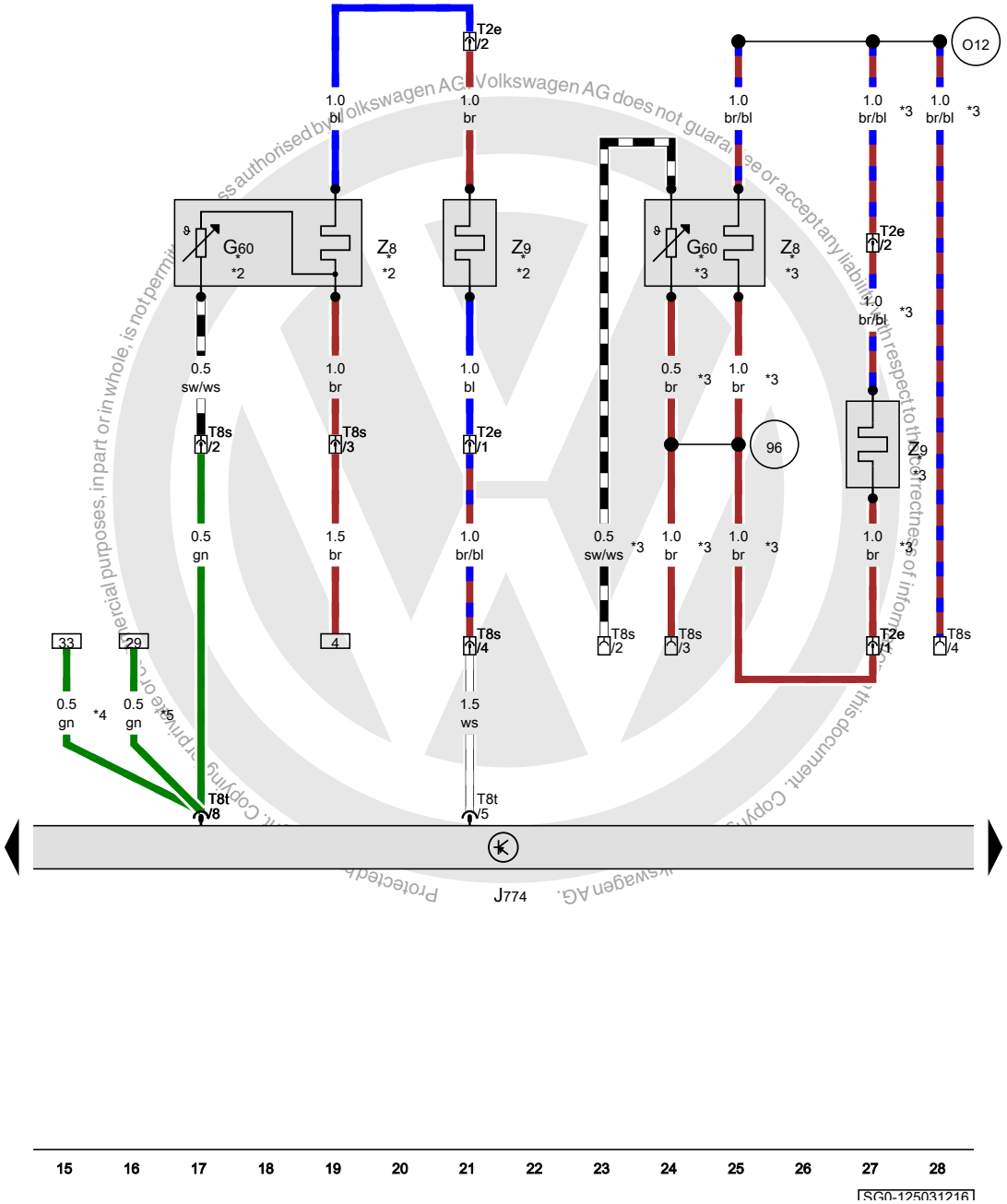
Heated front seats control unit, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat



G60	Front passenger seat temperature sensor
J774	Heated front seats control unit
T2e	2-pin connector, black, in front passenger seat
T8s	8-pin connector, black, under seat on front left
T8t	8-pin connector, black
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
96	Earth connection 1, in seat heating wiring harness
O12	Connection 1, in seat heating wiring harness
*	Only models with heated front passenger seat
*2	Only models with single seat on front passenger side
*3	Only models with double seat on front passenger side
*4	Only models with Climatic
*5	Only models with Climatronic

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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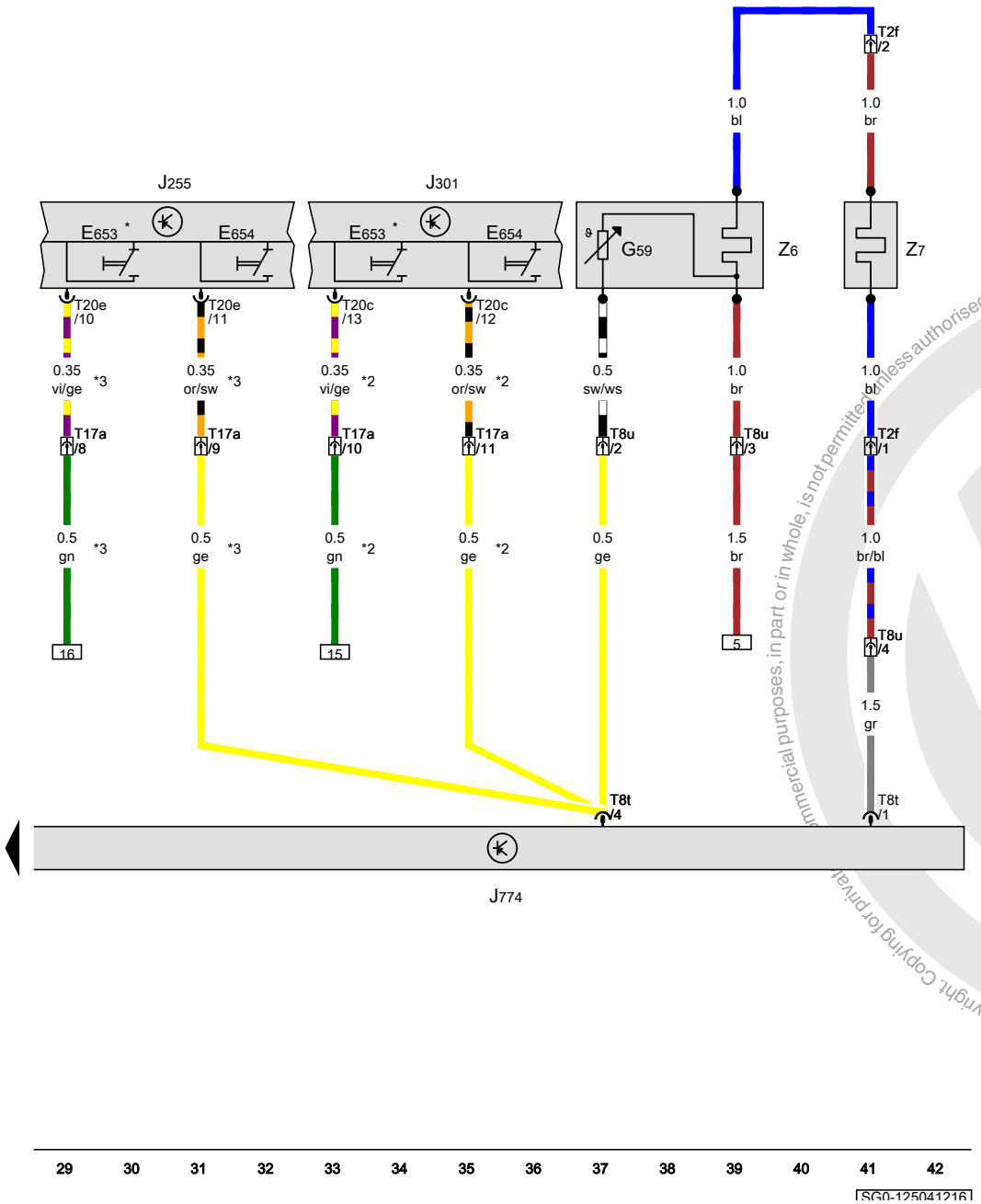
Button for left seat heating, Button for right seat heating, Climatronic control unit, Air conditioning system control unit, Heated front seats control unit, Heated seat cushion for driver seat, Heated backrest for driver seat



E653	Button for left seat heating
E654	Button for right seat heating
G59	Driver seat temperature sensor
J255	Climatronic control unit
J301	Air conditioning system control unit
J774	Heated front seats control unit
T2f	2-pin connector, black, in driver seat
T8t	8-pin connector, black
T8u	8-pin connector, black, under seat on front right
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
T20e	20-pin connector, black
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
*	Only models with heated front passenger seat
*2	Only models with Climatic
*3	Only models with Climatronic

ws	=	white
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Seat heating for seats with leather covers , (L0R),(3L0),(3L1),(3L2),(3L3)

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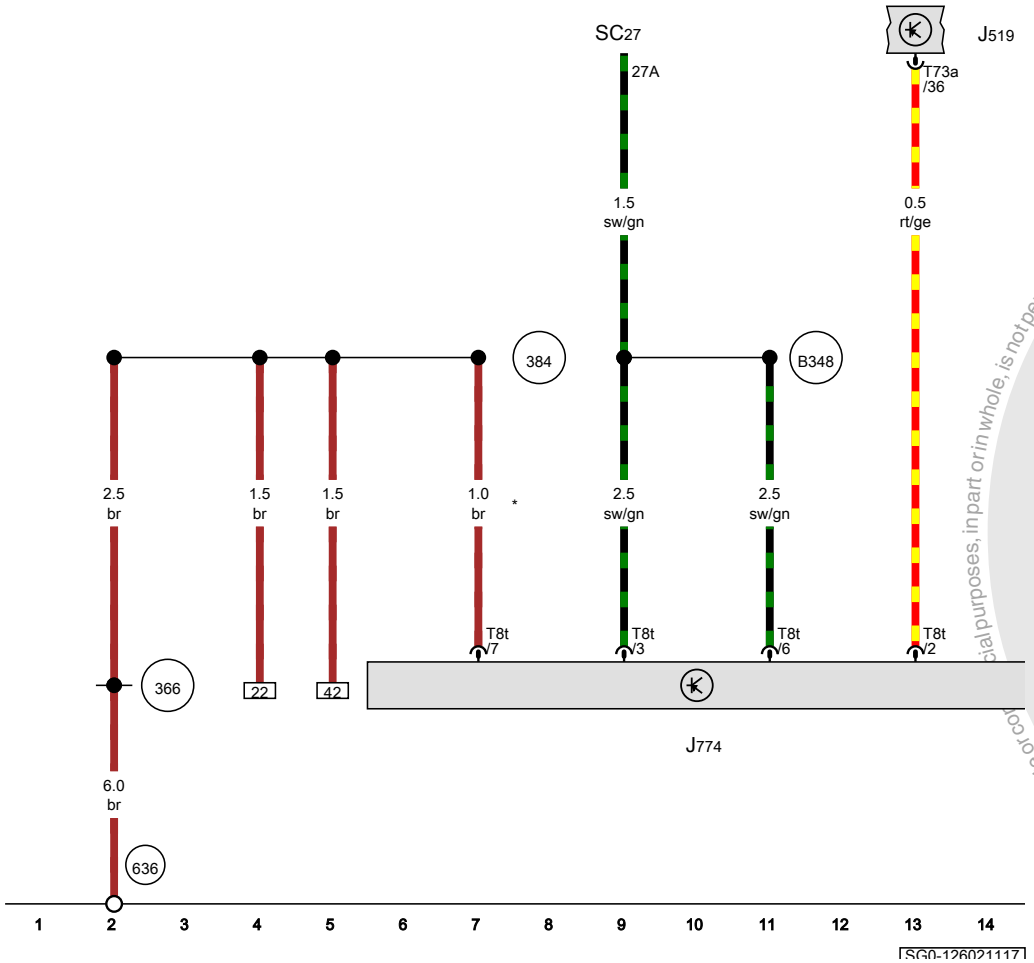
Onboard supply control unit, Heated front seats control unit, Fuse 27 on fuse holder C

J519	Onboard supply control unit
J774	Heated front seats control unit
SC27	Fuse 27 on fuse holder C
T8t	8-pin connector, black
T73a	73-pin connector, black
366	Earth connection 1, in main wiring harness
384	Earth connection 19, in main wiring harness
636	Earth point, onboard supply control unit
B348	Connection 1 (75a), in main wiring harness
*	Cross-section 1.5 possible



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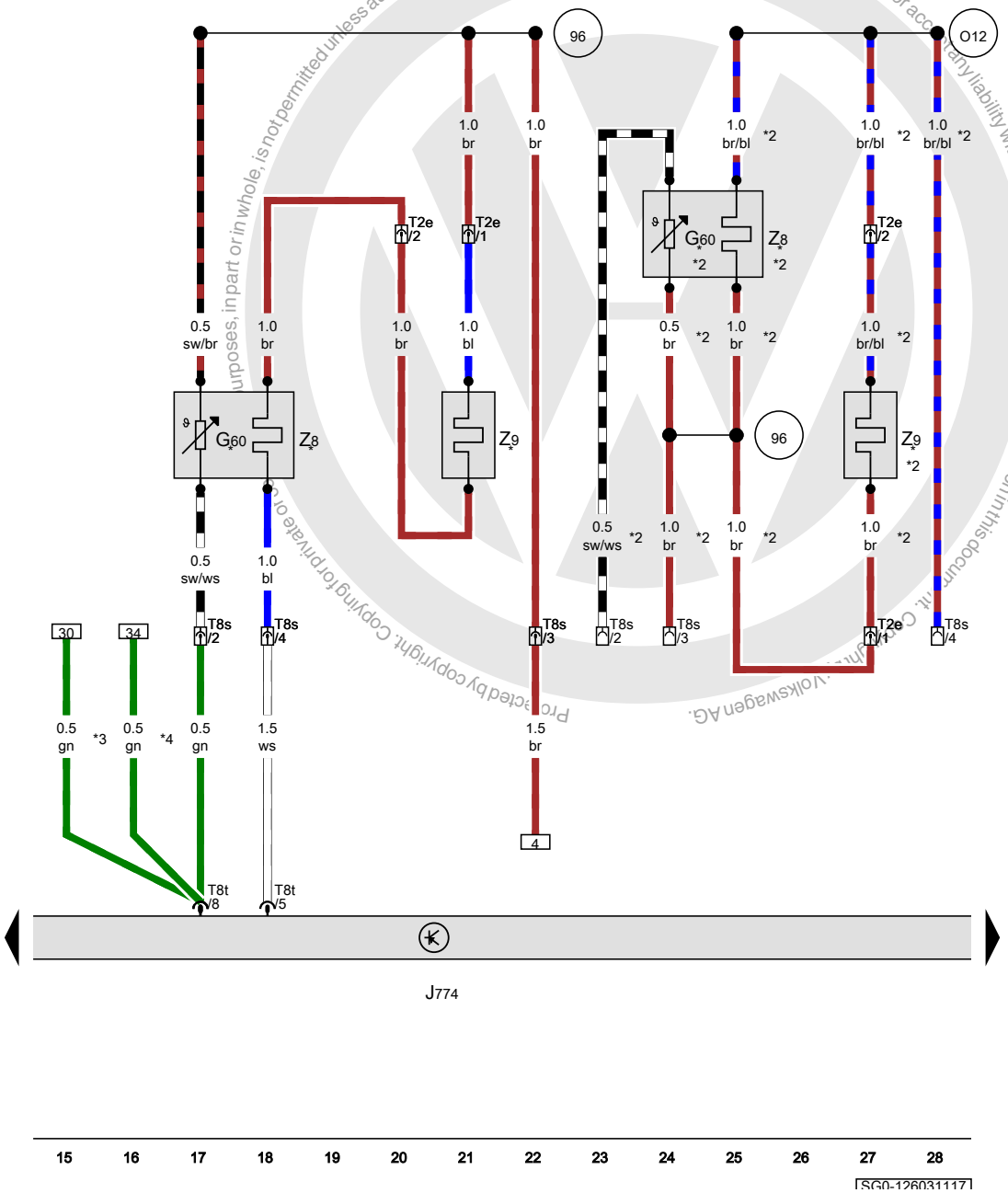
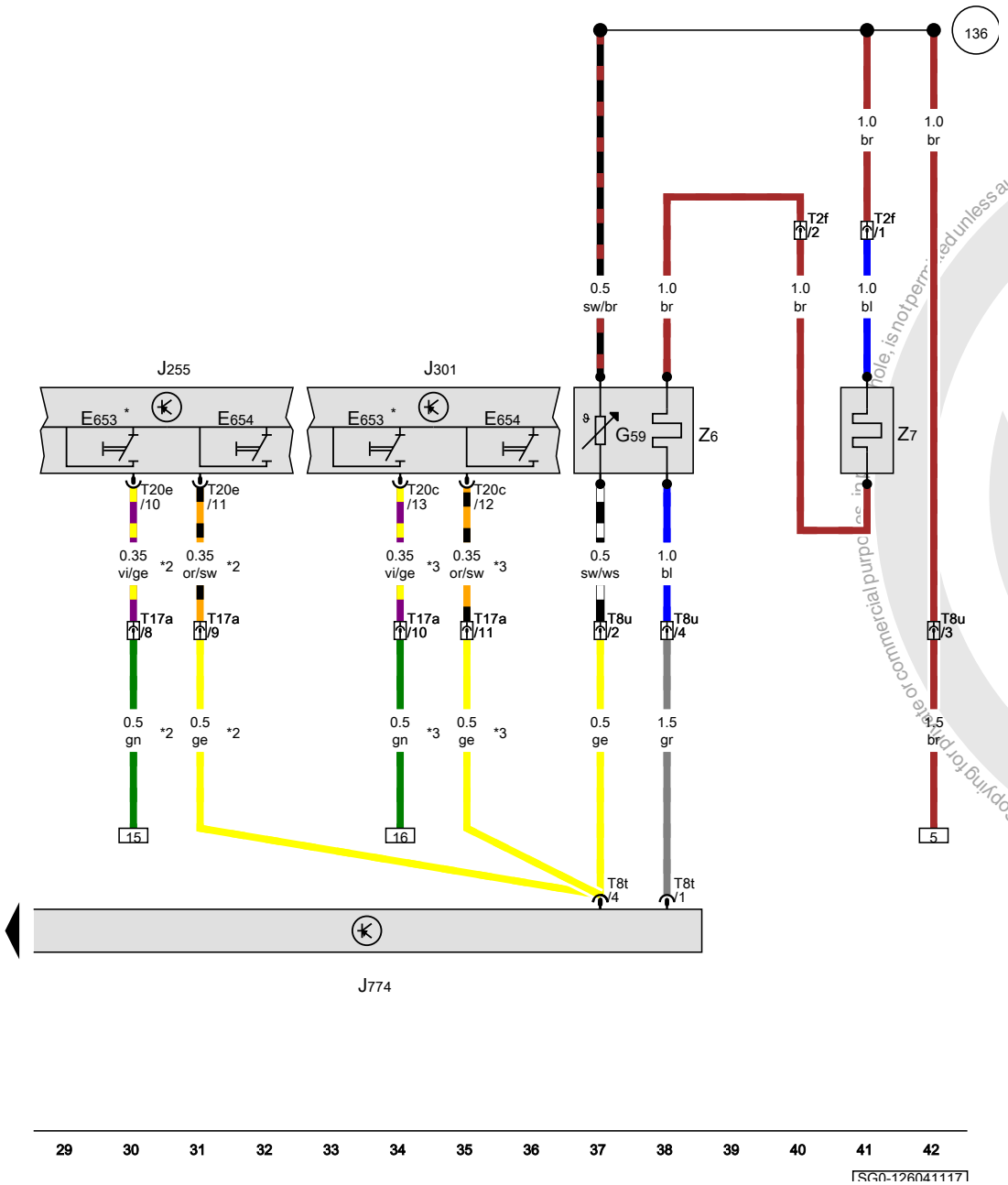


Heated front seats control unit, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat

G60	Front passenger seat temperature sensor
J774	Heated front seats control unit
T2e	2-pin connector, black, in front passenger seat
T8s	8-pin connector, black, under seat on front left
T8t	8-pin connector, black
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
96	Earth connection 1, in seat heating wiring harness
O12	Connection 1, in seat heating wiring harness
*	For models with heated front passenger seat
*2	For models with double seat on front passenger side
*3	For models with Climatronic
*4	For models with Climatic

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Button for left seat heating, Button for right seat heating, Climatronic control unit, Air conditioning system control unit, Heated front seats control unit, Heated seat cushion for driver seat, Heated backrest for driver seat



E653	Button for left seat heating
E654	Button for right seat heating
G59	Driver seat temperature sensor
J255	Climatronic control unit
J301	Air conditioning system control unit
J774	Heated front seats control unit
T2f	2-pin connector, black, in driver seat
T8t	8-pin connector, black
T8u	8-pin connector, black, under seat on front right
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
T20e	20-pin connector, black
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
(136)	Earth connection 2, in seat heating wiring harness
*	For models with heated front passenger seat
*2	For models with Climatronic
*3	For models with Climatic

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Seat heating , (3E3),(3E7),(3L4),(3L7),(3L8),(L0R)

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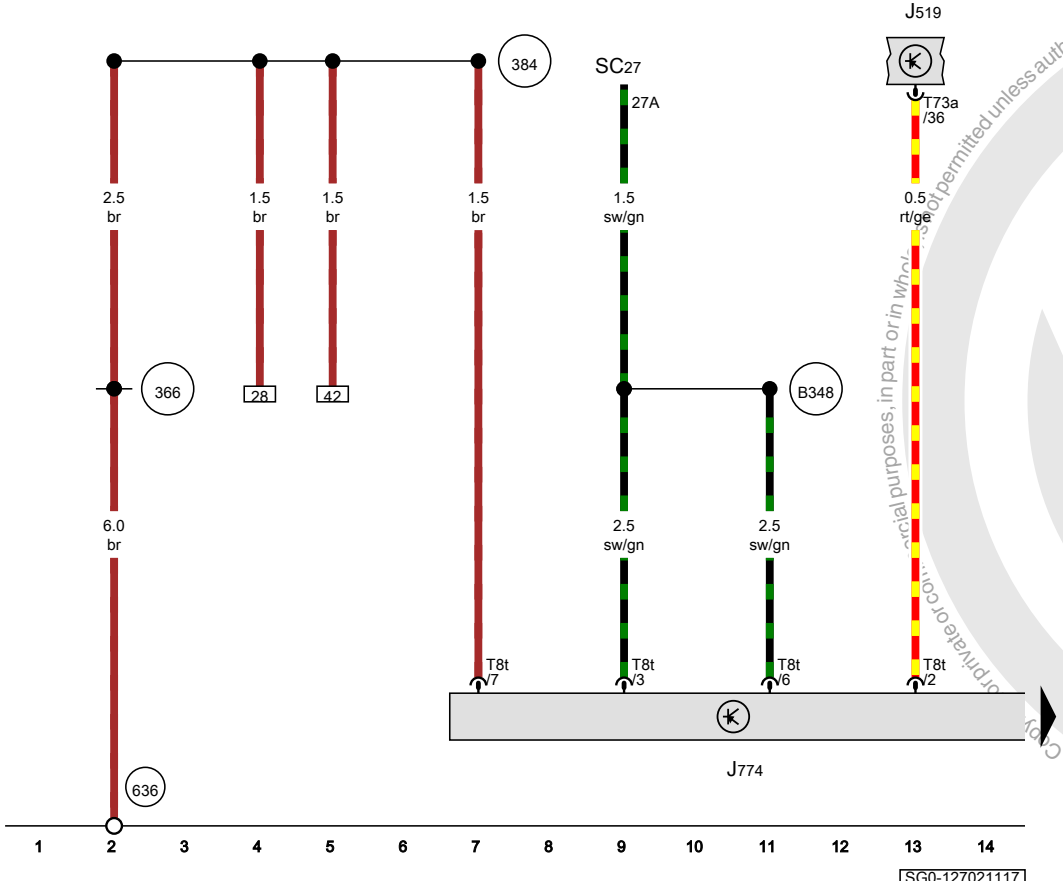
Onboard supply control unit, Heated front seats control unit, Fuse 27 on fuse holder C

J519	Onboard supply control unit
J774	Heated front seats control unit
SC27	Fuse 27 on fuse holder C
T8t	8-pin connector, black
T73a	73-pin connector, black
366	Earth connection 1, in main wiring harness
384	Earth connection 19, in main wiring harness
636	Earth point, onboard supply control unit
B348	Connection 1 (75a), in main wiring harness



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gn	=	green
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gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink

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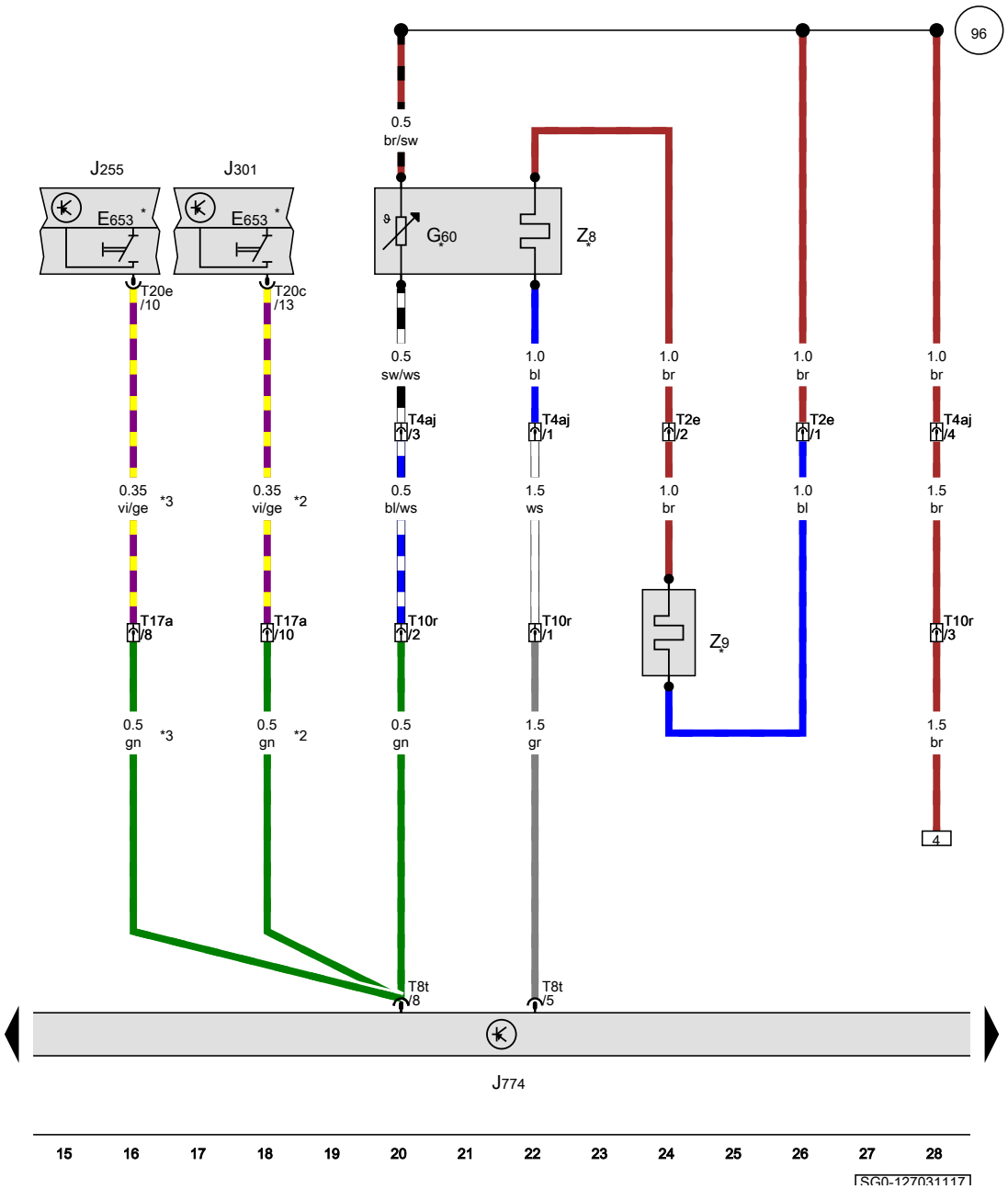
Button for left seat heating, Climatronic control unit, Air conditioning system control unit, Heated front seats control unit, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat



E653	Button for left seat heating
G60	Front passenger seat temperature sensor
J255	Climatronic control unit
J301	Air conditioning system control unit
J774	Heated front seats control unit
T2e	2-pin connector, black, in front passenger seat
T4aj	4-pin connector, black, under front passenger seat
T8t	8-pin connector, black
T10r	10-pin connector, black, under seat on front left
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
T20e	20-pin connector, black
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
96	Earth connection 1, in seat heating wiring harness
*	For models with heated front passenger seat
*2	For models with Climatic
*3	For models with Climatronic

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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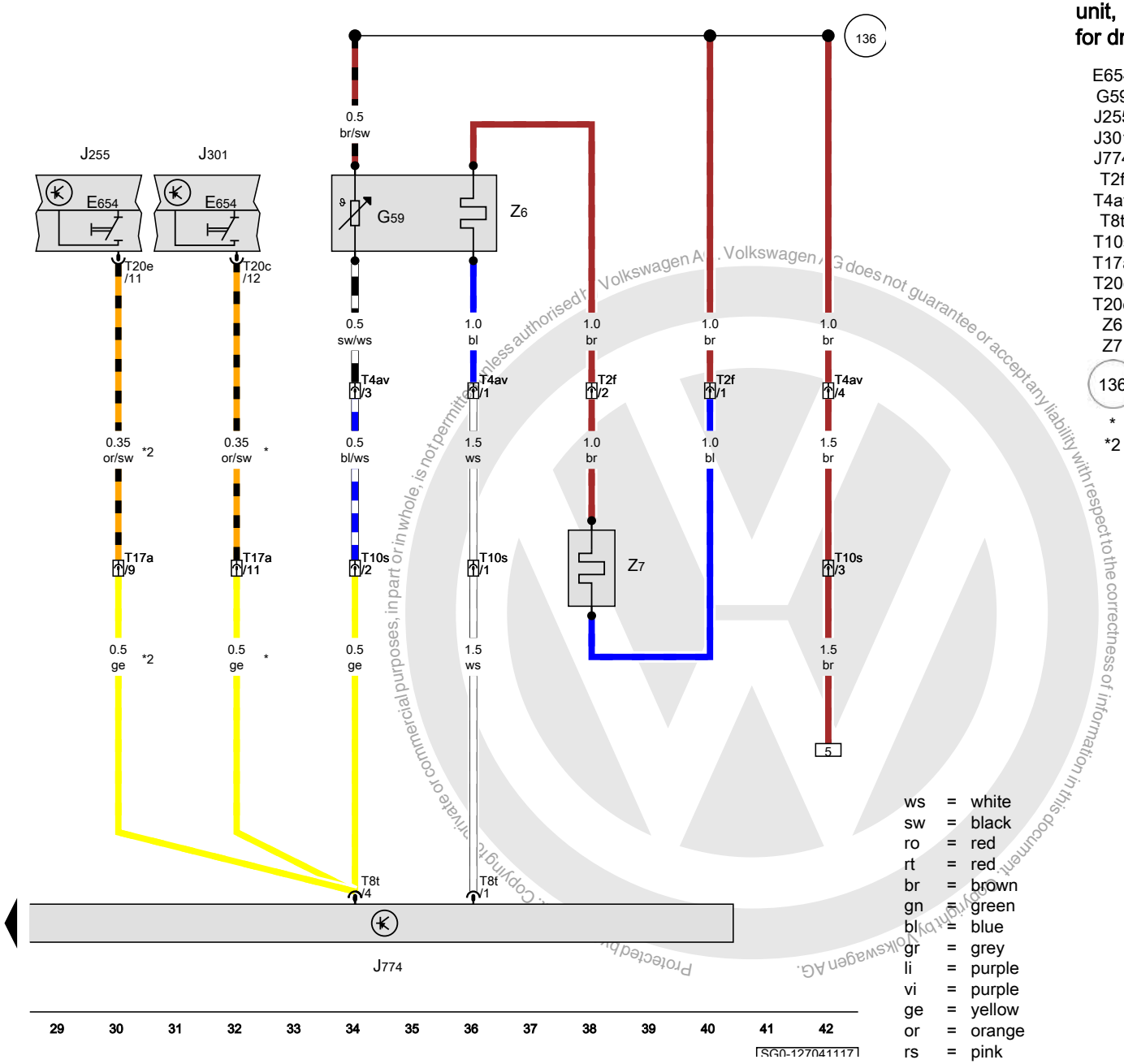

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Button for right seat heating, Climatronic control unit, Air conditioning system control unit, Heated front seats control unit, Heated seat cushion for driver seat, Heated backrest for driver seat

E654	Button for right seat heating
G59	Driver seat temperature sensor
J255	Climatronic control unit
J301	Air conditioning system control unit
J774	Heated front seats control unit
T2f	2-pin connector, black, in driver seat
T4av	4-pin connector, black, under driver seat
T8t	8-pin connector, black
T10s	10-pin connector, black, under seat on front right
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
T20e	20-pin connector, black
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
136	Earth connection 2, in seat heating wiring harness
*	For models with Climatic
*2	For models with Climatronic

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Seat heating for seats with leatherette/cloth covers , (L0R),(3L0),(3L1),(3L2),(3L3)

From June 2016

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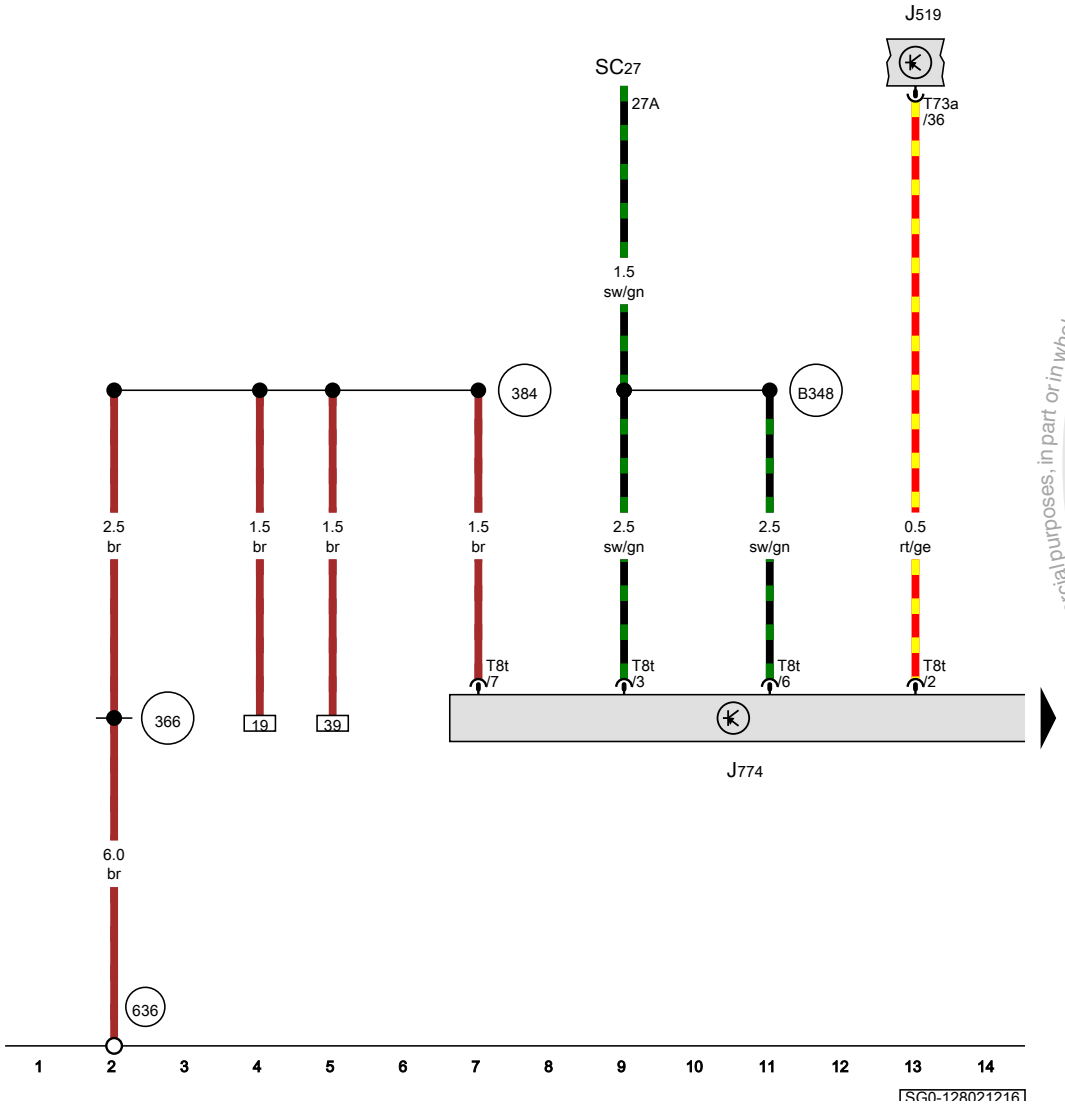
Onboard supply control unit, Heated front seats control unit, Fuse 27 on fuse holder C

J519	Onboard supply control unit
J774	Heated front seats control unit
SC27	Fuse 27 on fuse holder C
T8t	8-pin connector, black
T73a	73-pin connector, black
366	Earth connection 1, in main wiring harness
384	Earth connection 19, in main wiring harness
636	Earth point, onboard supply control unit
B348	Connection 1 (75a), in main wiring harness



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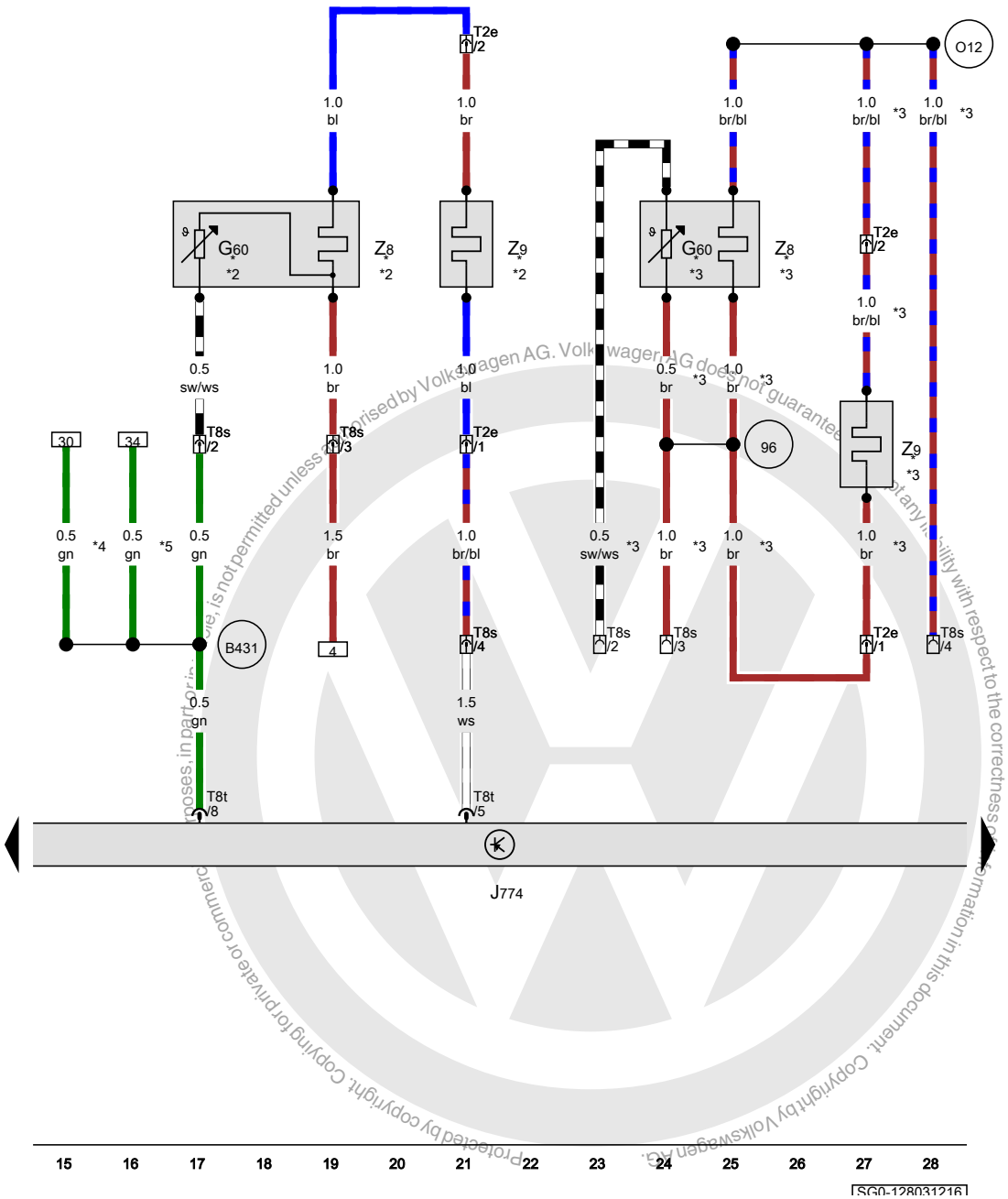
Heated front seats control unit, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat



G60	Front passenger seat temperature sensor
J774	Heated front seats control unit
T2e	2-pin connector, black, in front passenger seat
T8s	8-pin connector, black, under seat on front left
T8t	8-pin connector, black
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
96	Earth connection 1, in seat heating wiring harness
B431	Connection (seat heating), in main wiring harness
O12	Connection 1, in seat heating wiring harness
*	Only models with heated front passenger seat
*2	Only models with single seat on front passenger side
*3	Only models with double seat on front passenger side
*4	Only models with Climatic
*5	Only models with Climatronic

ws	=	white
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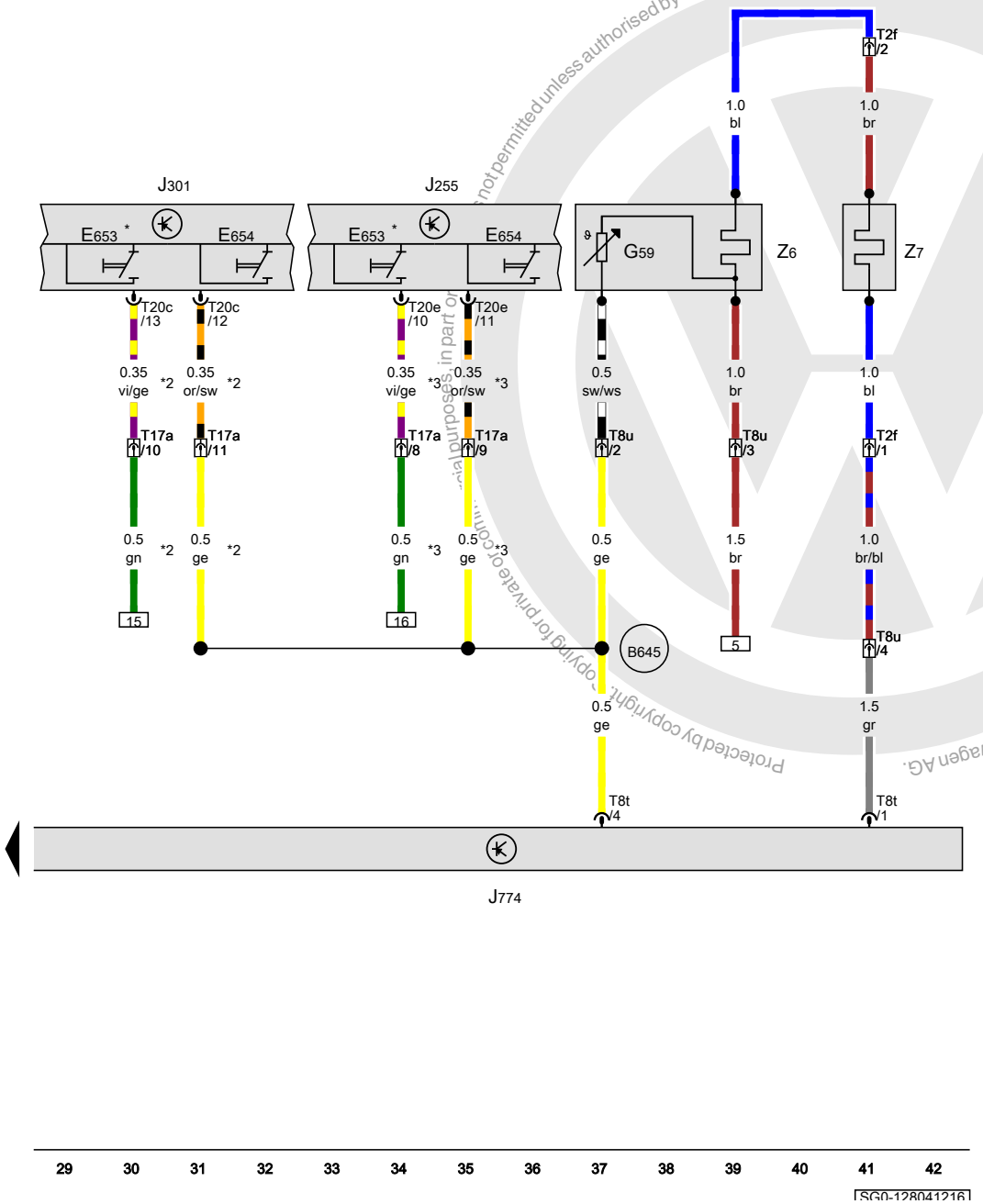

Button for left seat heating, Button for right seat heating, Climatronic control unit, Air conditioning system control unit, Heated front seats control unit, Heated seat cushion for driver seat, Heated backrest for driver seat

E653	Button for left seat heating
E654	Button for right seat heating
G59	Driver seat temperature sensor
J255	Climatronic control unit
J301	Air conditioning system control unit
J774	Heated front seats control unit
T2f	2-pin connector, black, in driver seat
T8t	8-pin connector, black
T8u	8-pin connector, black, under seat on front right
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
T20e	20-pin connector, black
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
B645	Connection 2 (seat heating), in main wiring harness
*	Only models with heated front passenger seat
*2	Only models with Climatic
*3	Only models with Climatronic

ws	=	white
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Seat heating for seats with leather covers , (L0R),(3L0),(3L1),(3L2),(3L3)

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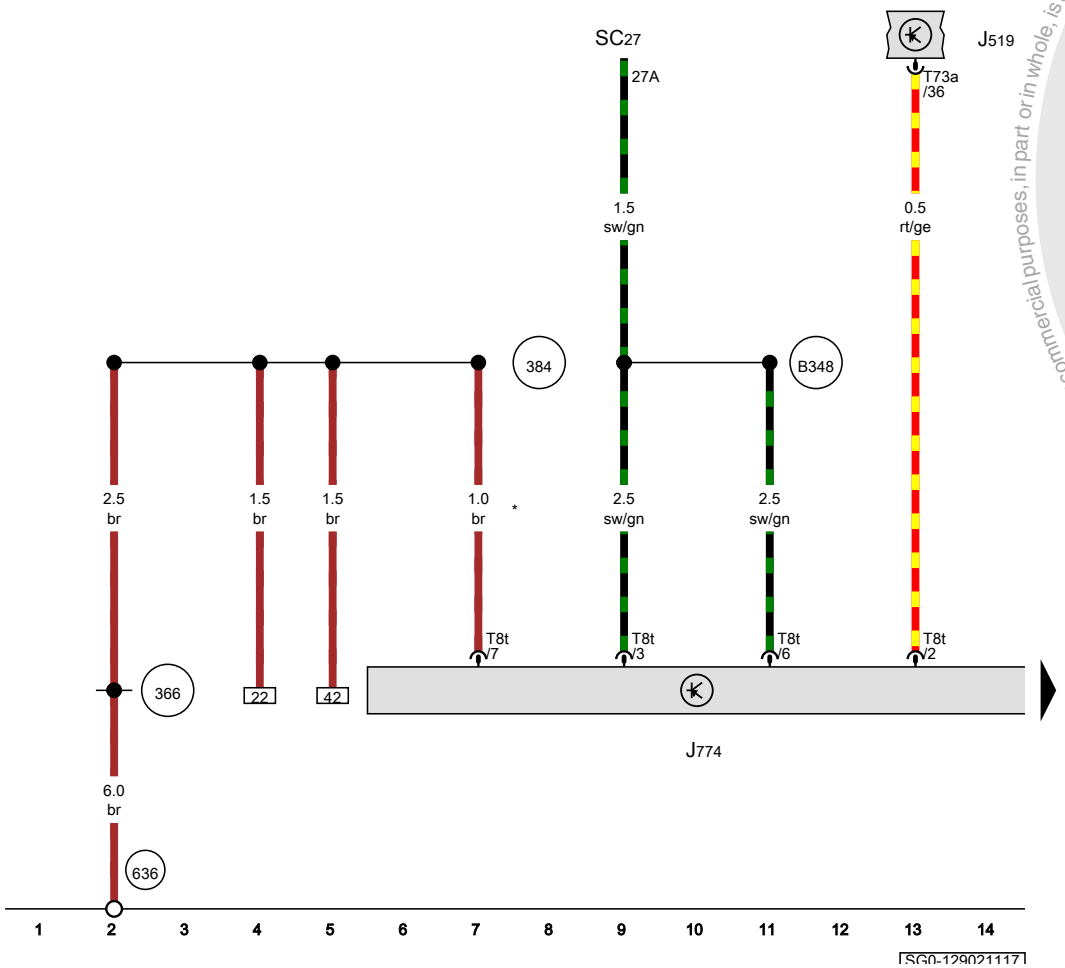
Onboard supply control unit, Heated front seats control unit, Fuse 27 on fuse holder C

J519	Onboard supply control unit
J774	Heated front seats control unit
SC27	Fuse 27 on fuse holder C
T8t	8-pin connector, black
T73a	73-pin connector, black
366	Earth connection 1, in main wiring harness
384	Earth connection 19, in main wiring harness
636	Earth point, onboard supply control unit
B348	Connection 1 (75a), in main wiring harness
*	Cross-section 1.5 possible



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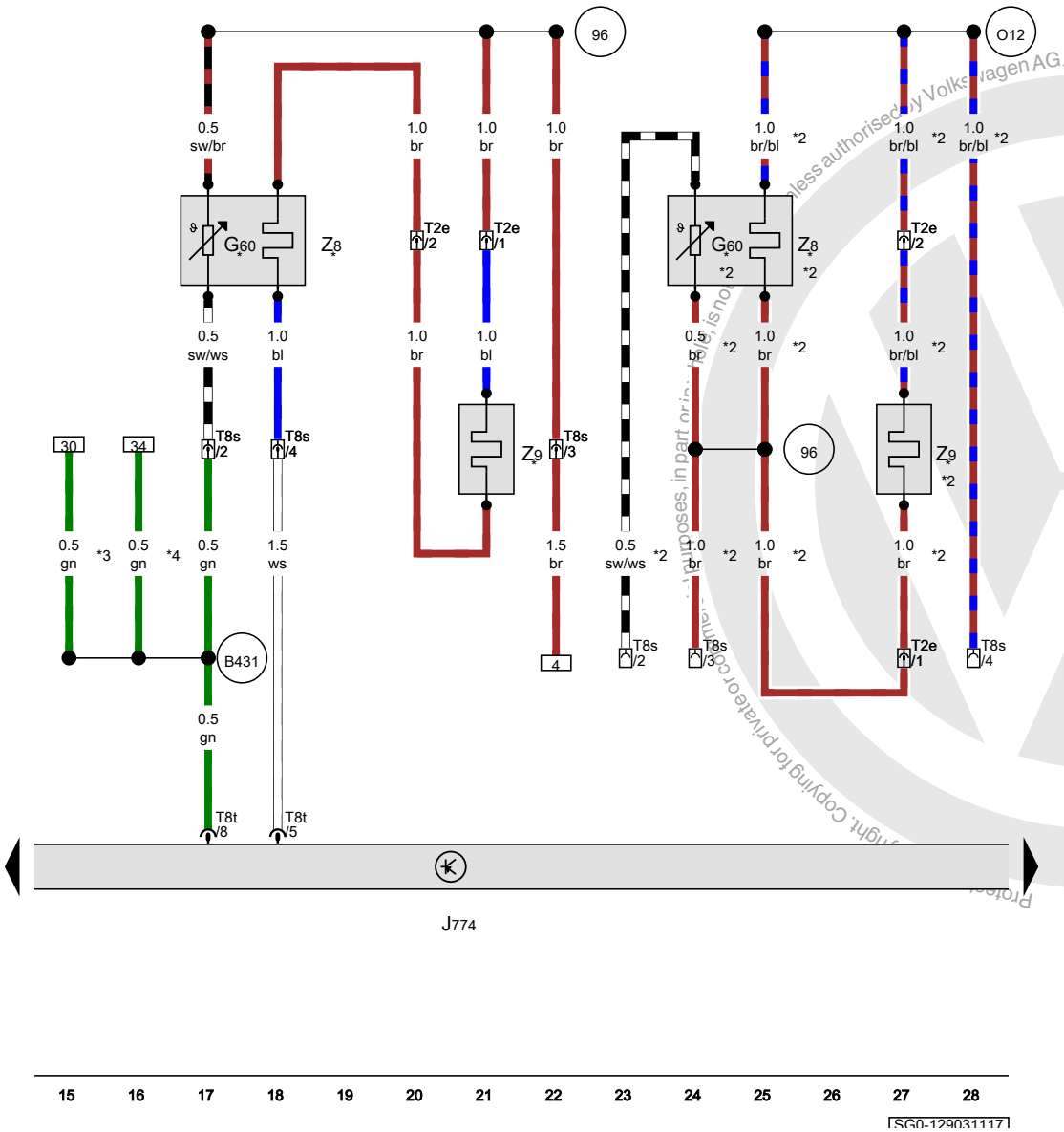
Heated front seats control unit, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat

G60	Front passenger seat temperature sensor
J774	Heated front seats control unit
T2e	2-pin connector, black, in front passenger seat
T8s	8-pin connector, black, under seat on front left
T8t	8-pin connector, black
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
96	Earth connection 1, in seat heating wiring harness
B431	Connection (seat heating), in main wiring harness
O12	Connection 1, in seat heating wiring harness
*	For models with heated front passenger seat
*2	For models with double seat on front passenger side
*3	For models with Climatronic
*4	For models with Climatic



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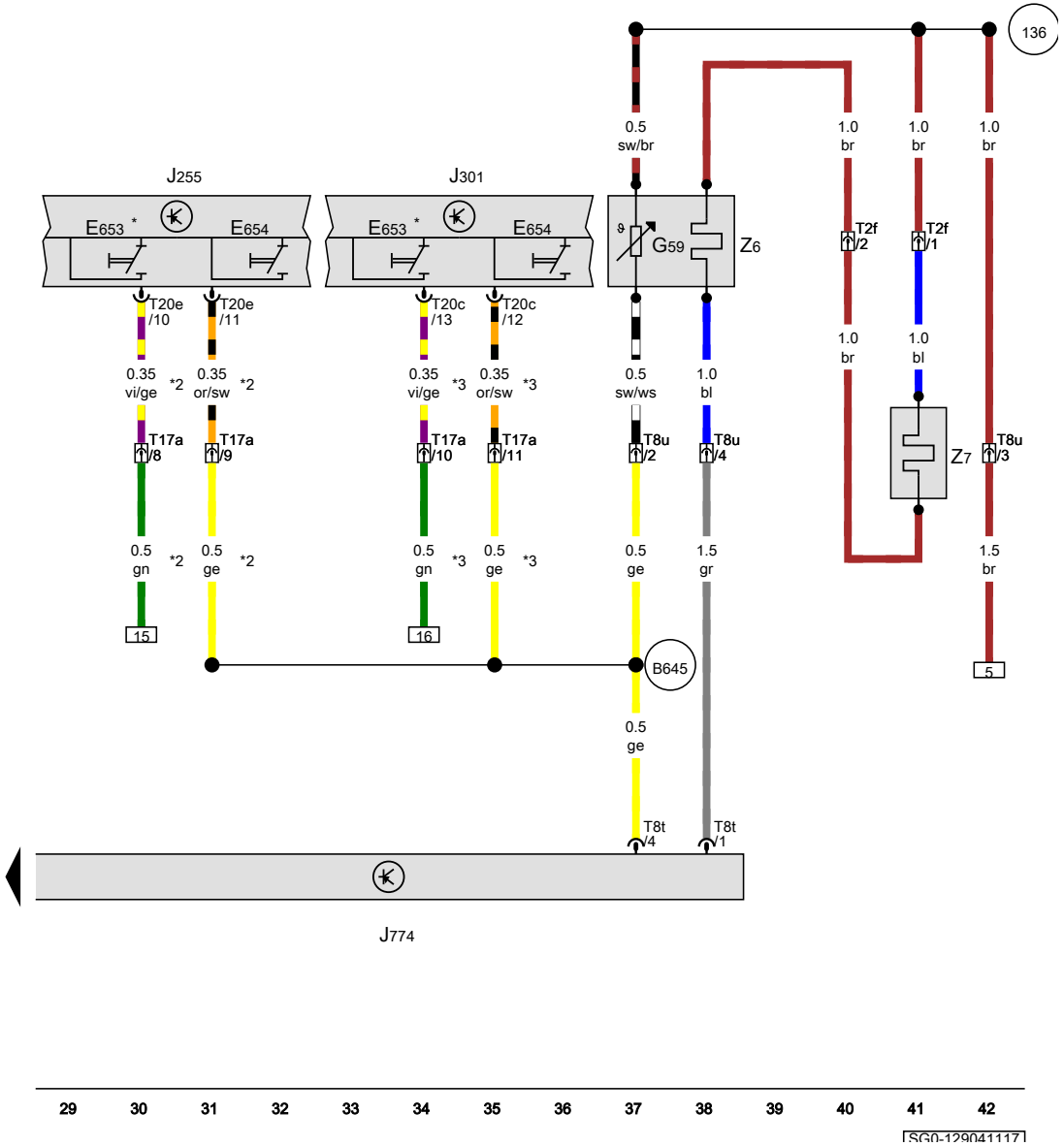
Button for left seat heating, Button for right seat heating, Climatronic control unit, Air conditioning system control unit, Heated front seats control unit, Heated seat cushion for driver seat, Heated backrest for driver seat

E653	Button for left seat heating
E654	Button for right seat heating
G59	Driver seat temperature sensor
J255	Climatronic control unit
J301	Air conditioning system control unit
J774	Heated front seats control unit
T2f	2-pin connector, black, in driver seat
T8t	8-pin connector, black
T8u	8-pin connector, black, under seat on front right
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
T20e	20-pin connector, black
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
136	Earth connection 2, in seat heating wiring harness
B645	Connection 2 (seat heating), in main wiring harness
*	For models with heated front passenger seat
*2	For models with Climatronic
*3	For models with Climatic



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Seat heating , (L0R),(3E3),(3E7),(3L4),(3L7),(3L8)

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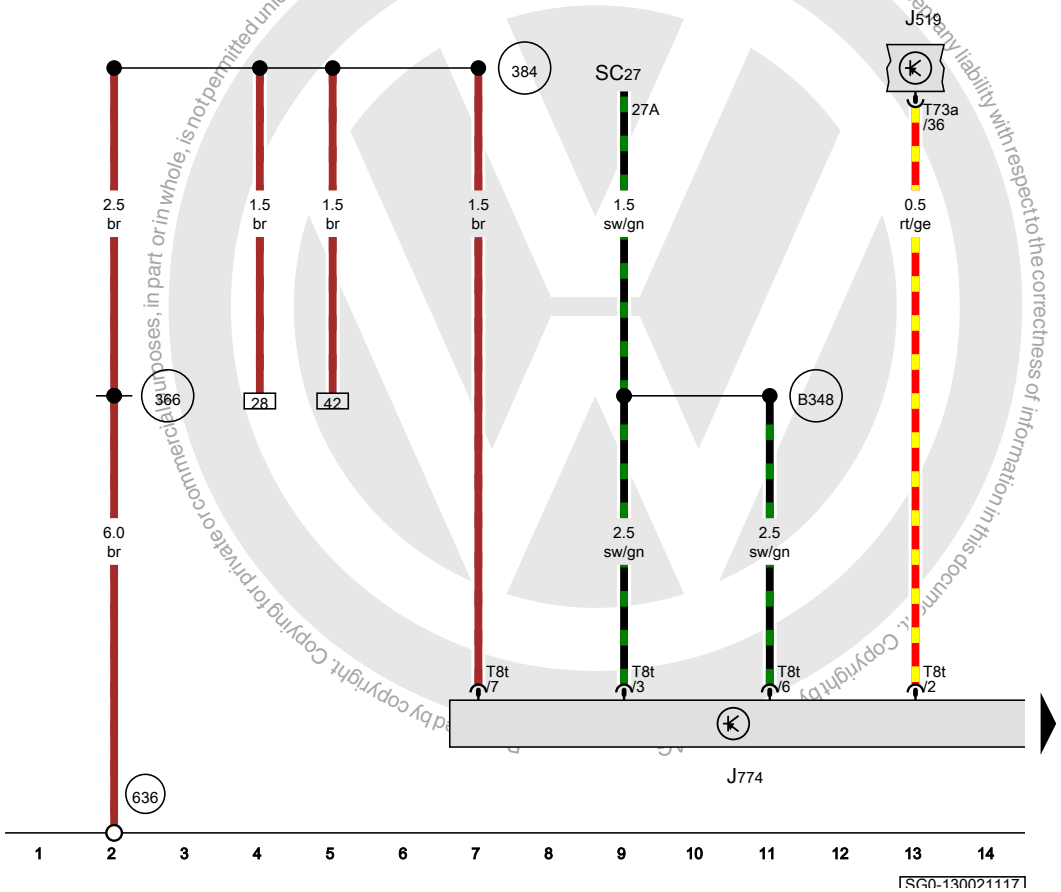
Onboard supply control unit, Heated front seats control unit, Fuse 27 on fuse holder C

J519	Onboard supply control unit
J774	Heated front seats control unit
SC27	Fuse 27 on fuse holder C
T8t	8-pin connector, black
T73a	73-pin connector, black
366	Earth connection 1, in main wiring harness
384	Earth connection 19, in main wiring harness
636	Earth point, onboard supply control unit
B348	Connection 1 (75a), in main wiring harness



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or	=	orange
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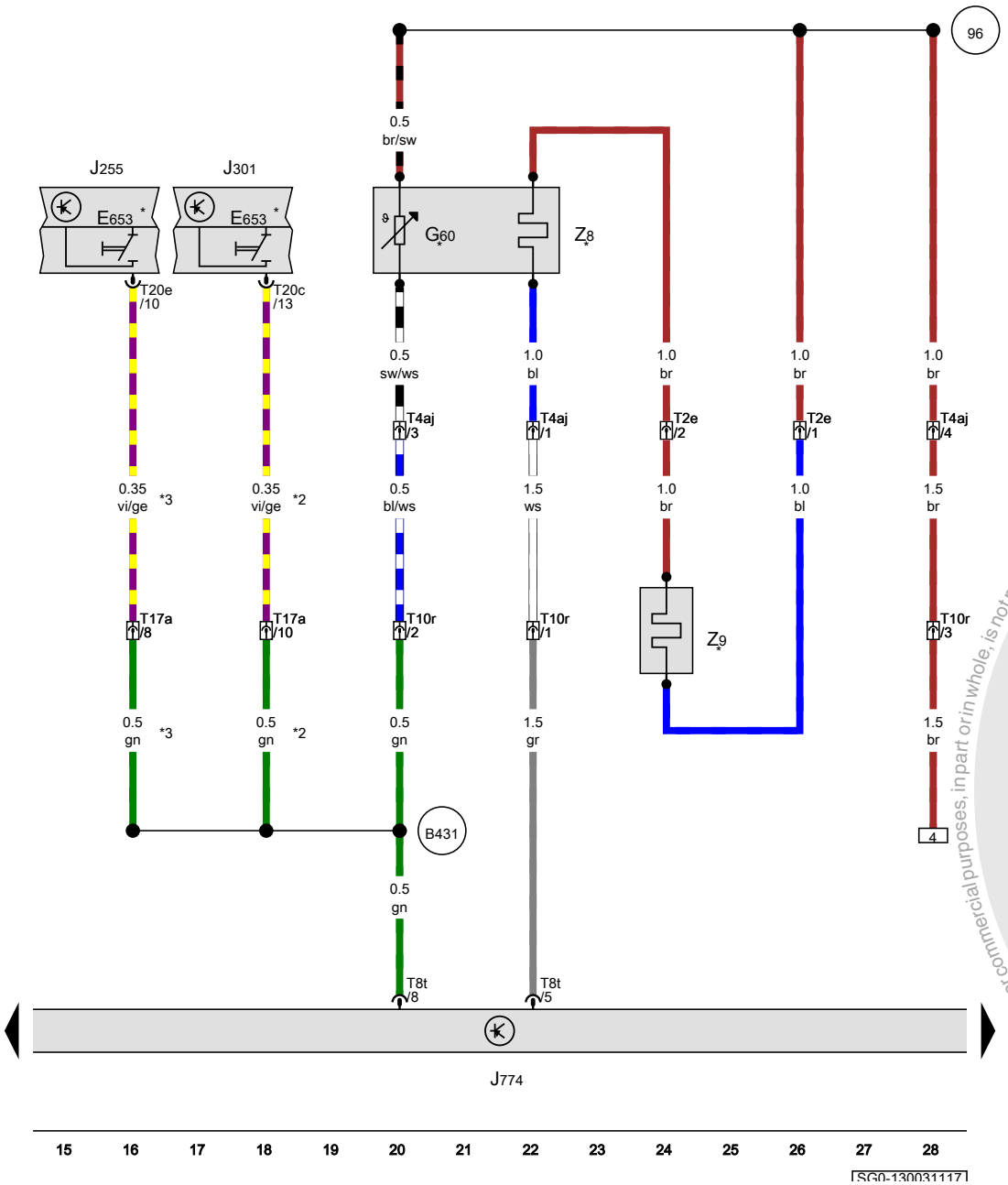

Button for left seat heating, Climatronic control unit, Air conditioning system control unit, Heated front seats control unit, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat

E653	Button for left seat heating
G60	Front passenger seat temperature sensor
J255	Climatronic control unit
J301	Air conditioning system control unit
J774	Heated front seats control unit
T2e	2-pin connector, black, in front passenger seat
T4aj	4-pin connector, black, under front passenger seat
T8t	8-pin connector, black
T10r	10-pin connector, black, under seat on front left
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
T20e	20-pin connector, black
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
96	Earth connection 1, in seat heating wiring harness
B431	Connection (seat heating), in main wiring harness
*	For models with heated front passenger seat
*2	For models with Climatic
*3	For models with Climatronic

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
rs	=	pink

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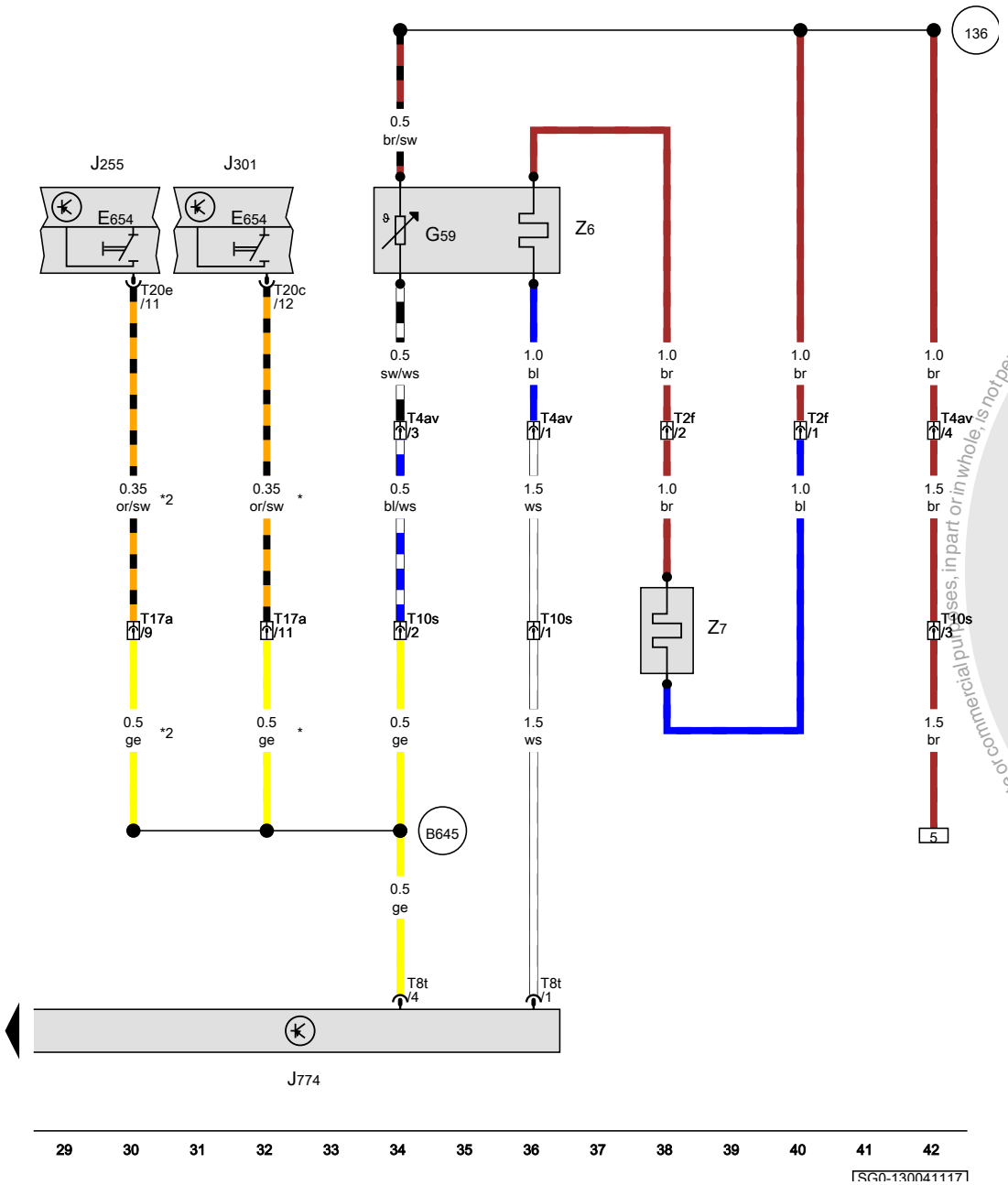

Button for right seat heating, Climatronic control unit, Air conditioning system control unit, Heated front seats control unit, Heated seat cushion for driver seat, Heated backrest for driver seat

E654	Button for right seat heating
G59	Driver seat temperature sensor
J255	Climatronic control unit
J301	Air conditioning system control unit
J774	Heated front seats control unit
T2f	2-pin connector, black, in driver seat
T4av	4-pin connector, black, under driver seat
T8t	8-pin connector, black
T10s	10-pin connector, black, under seat on front right
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
T20e	20-pin connector, black
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
136	Earth connection 2, in seat heating wiring harness
B645	Connection 2 (seat heating), in main wiring harness
*	For models with Climatic
*2	For models with Climatronic

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Taxi equipment , (4L2),(4L3),(4L6),(5FB)

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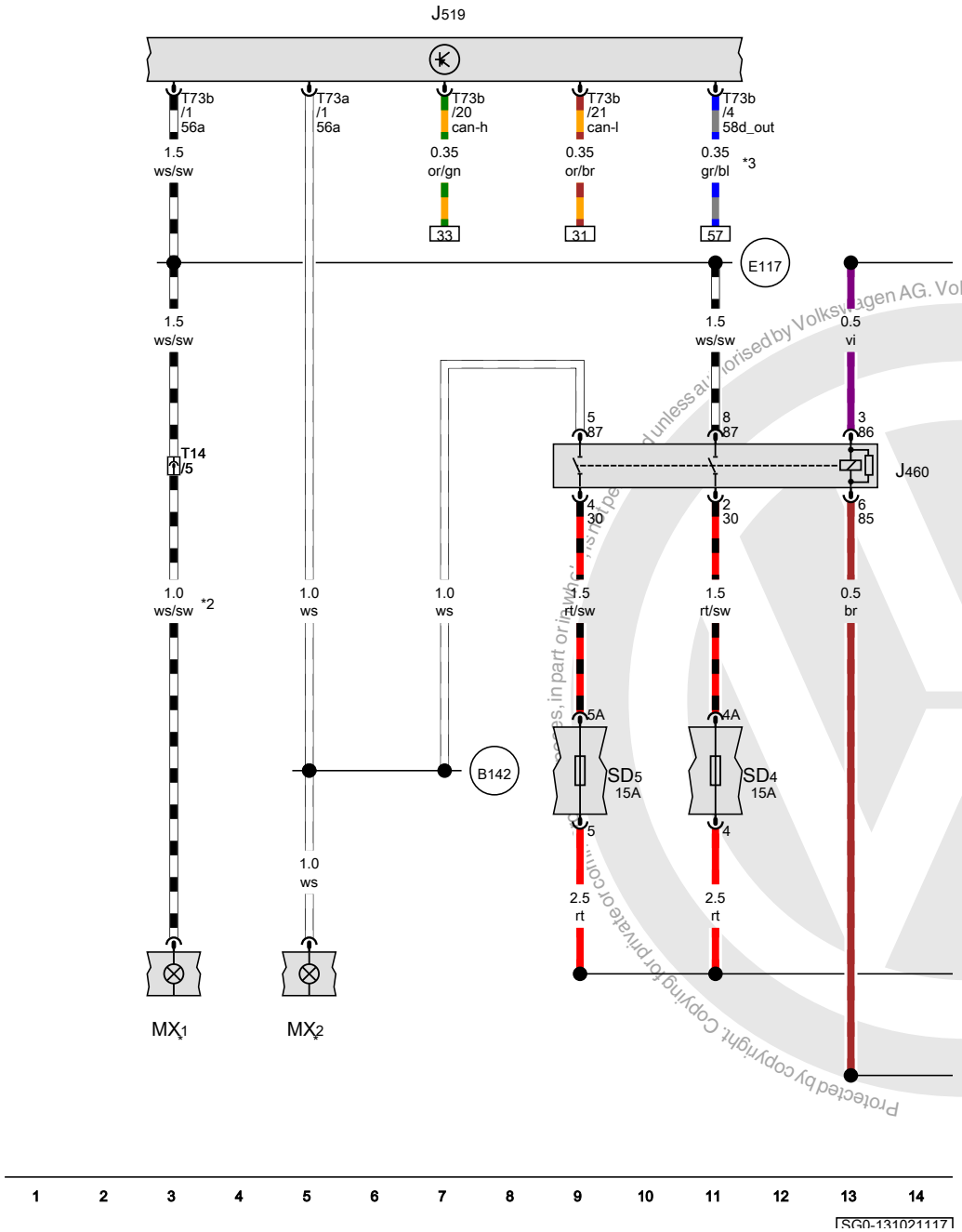
Alarm system relay 1, Onboard supply control unit, Fuse 4 on fuse holder D, Fuse 5 on fuse holder D



J460	Alarm system relay 1
J519	Onboard supply control unit
MX1	Front left headlight
MX2	Front right headlight
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T14	14-pin connector, black, near horn, dual tone horn
T73a	73-pin connector, black
T73b	73-pin connector, white
369	Earth connection 4, in main wiring harness
B142	Positive connection 2 (56a), in interior wiring harness
B302	Positive connection 6 (30), in main wiring harness
B481	Connection 17, in main wiring harness
E117	Connection (56a, left), in dash panel wiring harness
*	see applicable current flow diagram for headlights
*2	Cross-section 1.5 possible
*3	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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or	=	orange
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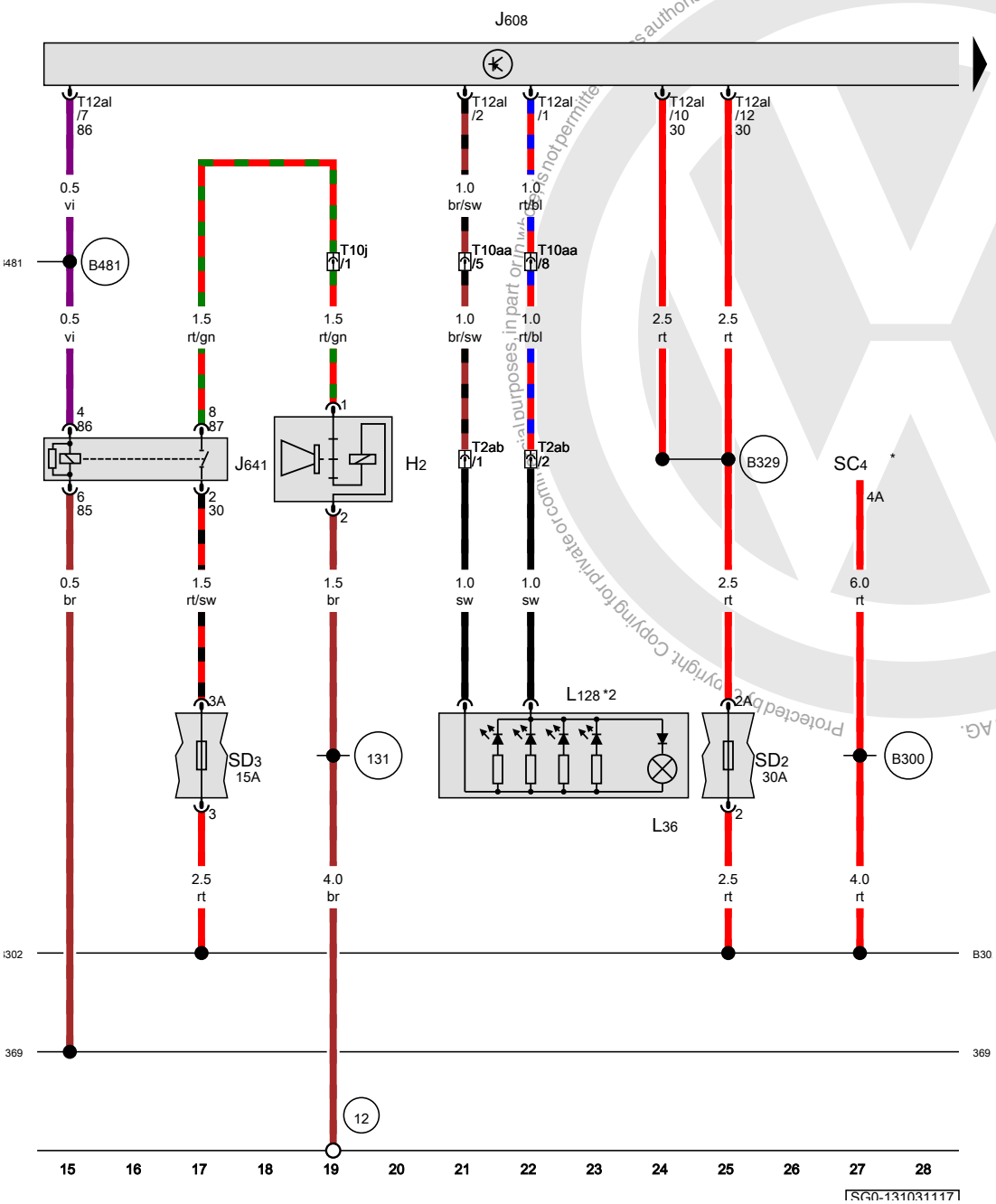

Special vehicle control unit, Alarm horn relay, Taxi roof sign light bulb, Taxi silent alarm bulb, Fuse 2 on fuse holder D, Fuse 3 on fuse holder D

H2	Treble horn
J608	Special vehicle control unit
J641	Alarm horn relay
L36	Taxi roof sign light bulb
L128	Taxi silent alarm bulb
SD2	Fuse 2 on fuse holder D
SD3	Fuse 3 on fuse holder D
SC4	Fuse 4 on fuse holder C
T2ab	2-pin connector, black, on upper section of left B-pillar
T10aa	10-pin connector, dark brown, under seat on front left
T10j	10-pin connector, dark brown, in E-box in engine compartment
T12al	12-pin connector, black, under front passenger seat
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
369	Earth connection 4, in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
B329	Positive connection 15 (30a) in main wiring harness
B481	Connection 17, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Special equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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ge	=	yellow
or	=	orange
rs	=	pink

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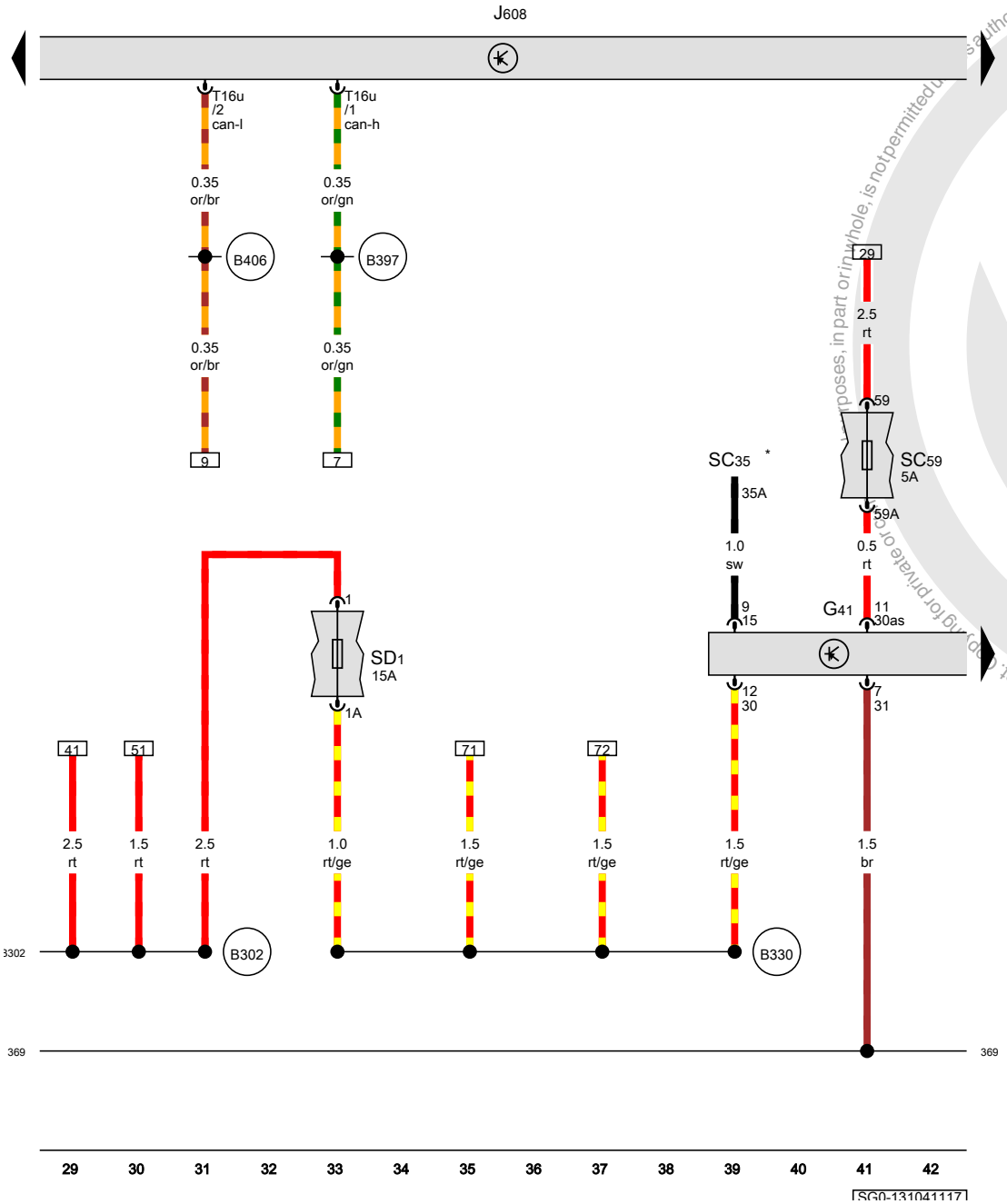

Taximeter, Special vehicle control unit, Fuse 1 on fuse holder D, Fuse 35 on fuse holder C, Fuse 59 on fuse holder C

G41	Taximeter
J608	Special vehicle control unit
SD1	Fuse 1 on fuse holder D
SC35	Fuse 35 on fuse holder C
SC59	Fuse 59 on fuse holder C
T16u	16-pin connector, brown, under front passenger seat
369	Earth connection 4, in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
B330	Positive connection 16 (30a) in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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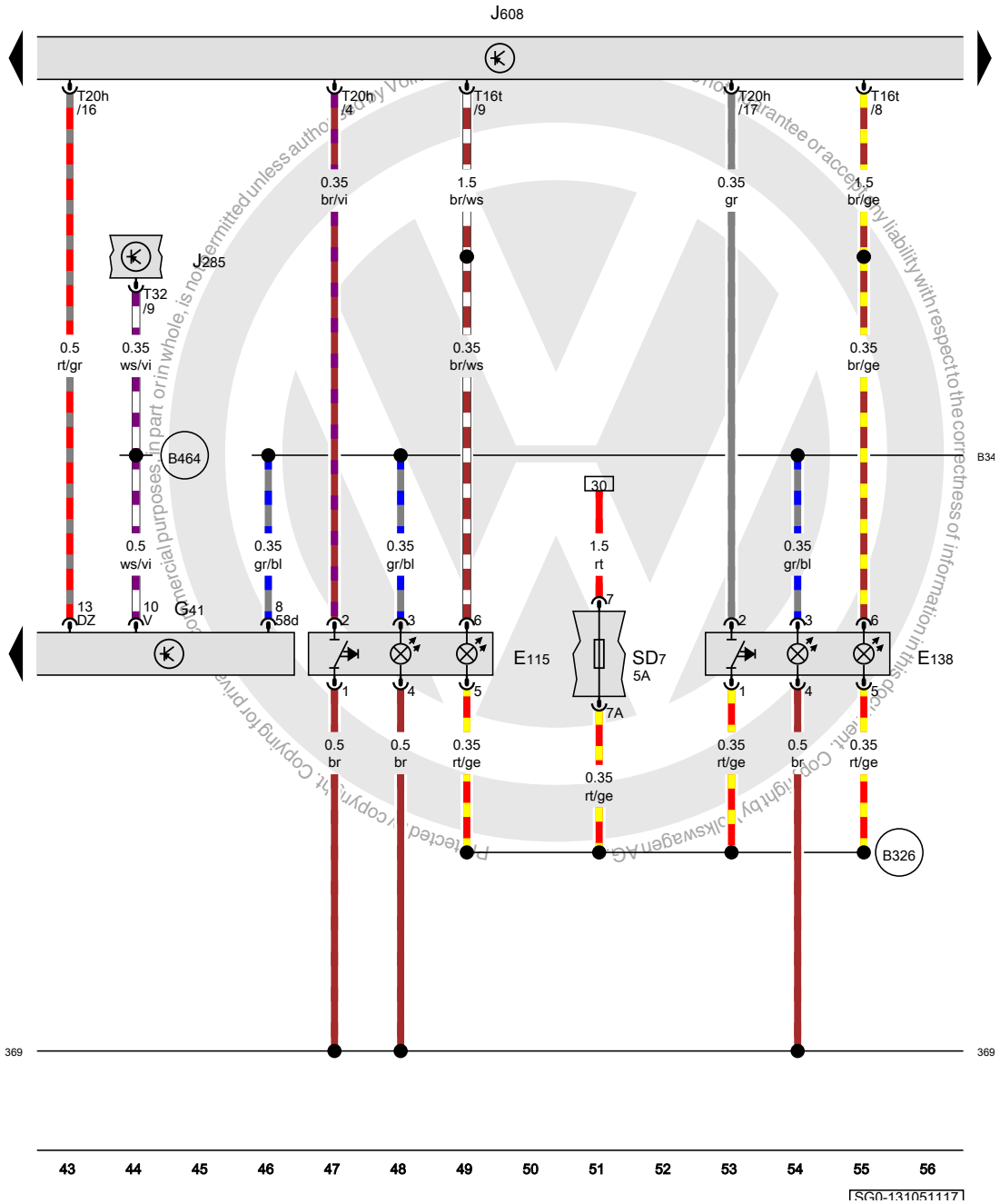
Interior light switch (taxi), Taxi sign switch, Taximeter, Control unit in dash panel insert, Special vehicle control unit, Fuse 7 on fuse holder D



E115	Interior light switch (taxi)
E138	Taxi sign switch
G41	Taximeter
J285	Control unit in dash panel insert
J608	Special vehicle control unit
SD7	Fuse 7 on fuse holder D
T16t	16-pin connector, black, under front passenger seat
T20h	20-pin connector, red, under front passenger seat
T32	32-pin connector, blue
369	Earth connection 4, in main wiring harness
B326	Positive connection 12 (30a) in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B464	Connection (speed signal), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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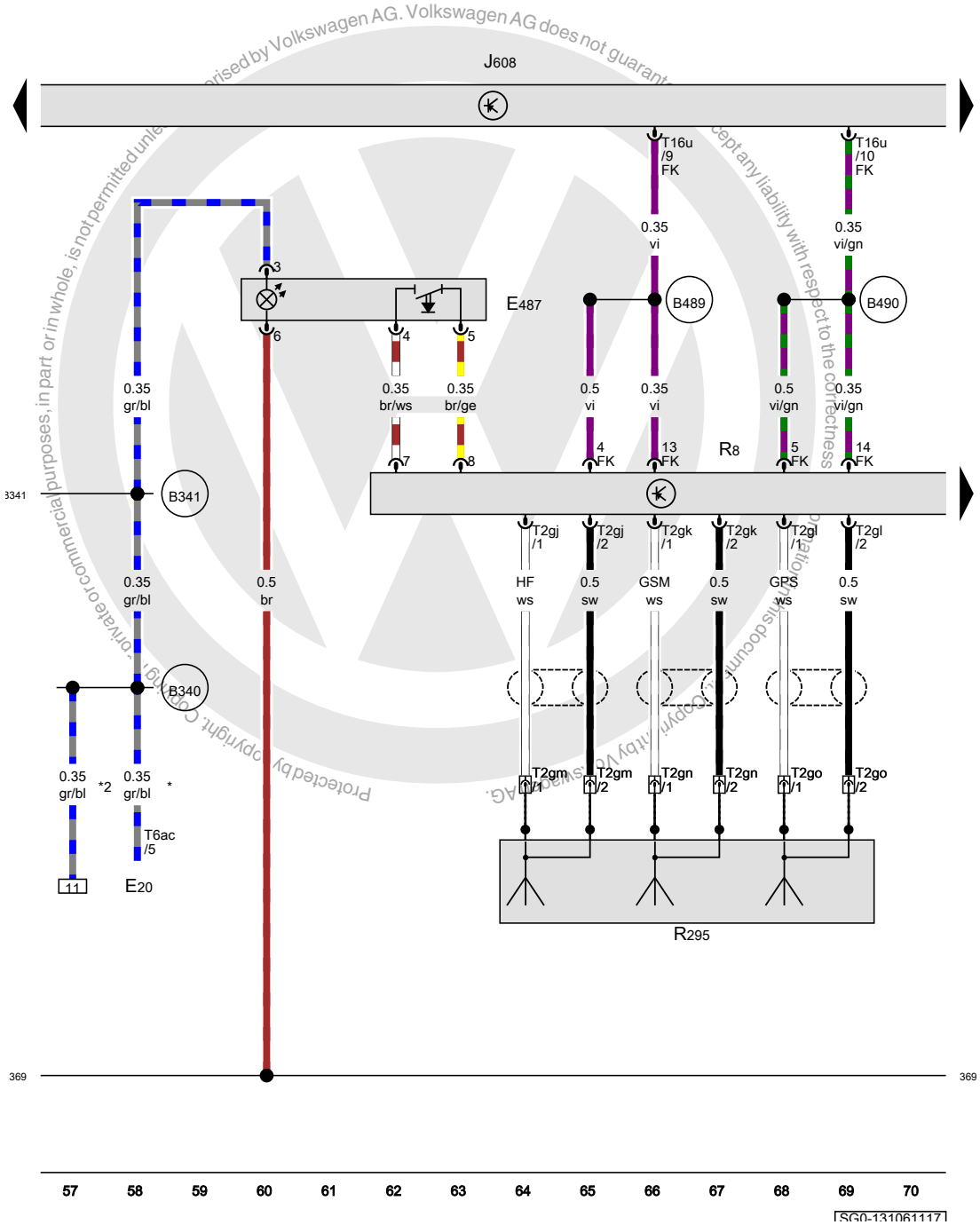

Switch and instrument illumination regulator, Hands-free system button, Special vehicle control unit, Two-way radio, Two-way radio aerial

E20	Switch and instrument illumination regulator
E487	Hands-free system button
J608	Special vehicle control unit
R8	Two-way radio, in glove compartment
R295	Two-way radio aerial, in rear part of roof
T2gj	2-pin connector
T2gk	2-pin connector, purple
T2gl	2-pin connector, blue
T2gm	2-pin connector, yellow, in rear part of roof
T2gn	2-pin connector, purple, in rear part of roof
T2go	2-pin connector, blue, in rear part of roof
T6ac	6-pin connector, black
T16u	16-pin connector, brown, under front passenger seat
369	Earth connection 4, in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B489	Connection 25, in main wiring harness
B490	Connection 26, in main wiring harness
*	For models with dimmable instrument illumination
*2	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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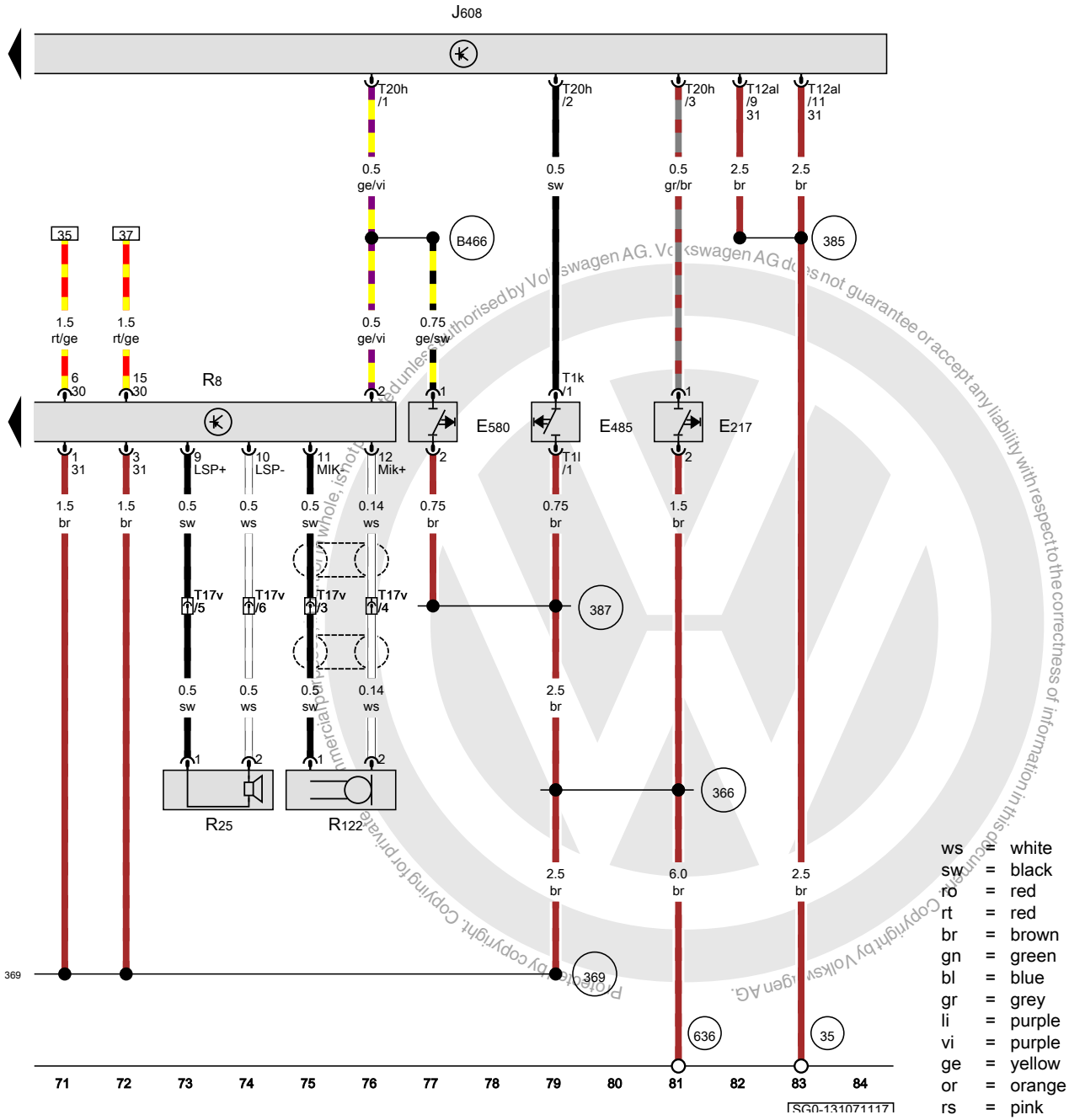

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Alarm system off switch, Taxi alarm active button, Passive Taxi alarm button, Special vehicle control unit, Two-way radio

E217	Alarm system off switch
E485	Taxi alarm active button
E580	Passive Taxi alarm button
J608	Special vehicle control unit
R8	Two-way radio, in glove compartment
R25	Two-way radio loudspeaker
R122	2-way radio unit microphone
T1k	1-pin connector, colourless
T1l	1-pin connector, colourless
T12al	12-pin connector, black, under front passenger seat
T17v	17-pin connector, grey, on left A-pillar
T20h	20-pin connector, red, under front passenger seat
35	Earth point, under front passenger seat
366	Earth connection 1, in main wiring harness
369	Earth connection 4, in main wiring harness
385	Earth connection 20, in main wiring harness
387	Earth connection 22, in main wiring harness
636	Earth point, onboard supply control unit
B466	Connection 2, in main wiring harness

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Special equipment, army , (F4D)

From June 2017

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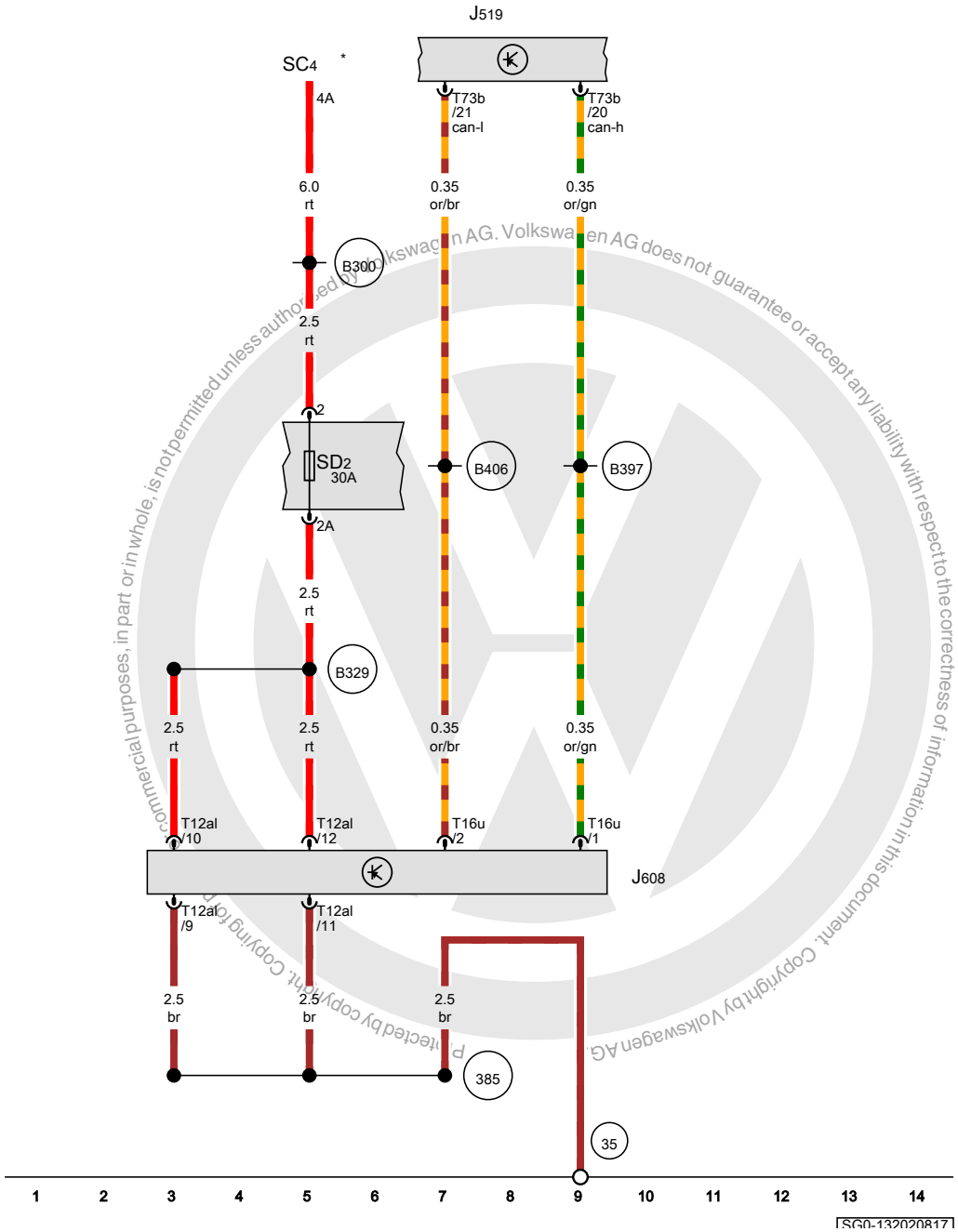

Onboard supply control unit, Special vehicle control unit, Fuse 2 on fuse holder D, Fuse 4 on fuse holder C

J519	Onboard supply control unit
J608	Special vehicle control unit, under front passenger seat
SD2	Fuse 2 on fuse holder D
SC4	Fuse 4 on fuse holder C
T12al	12-pin connector, black
T16u	16-pin connector, brown
T73b	73-pin connector, white
35	Earth point, under front passenger seat
385	Earth connection 20, in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B329	Positive connection 15 (30a) in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Camping equipment , (A8L),(A8R)

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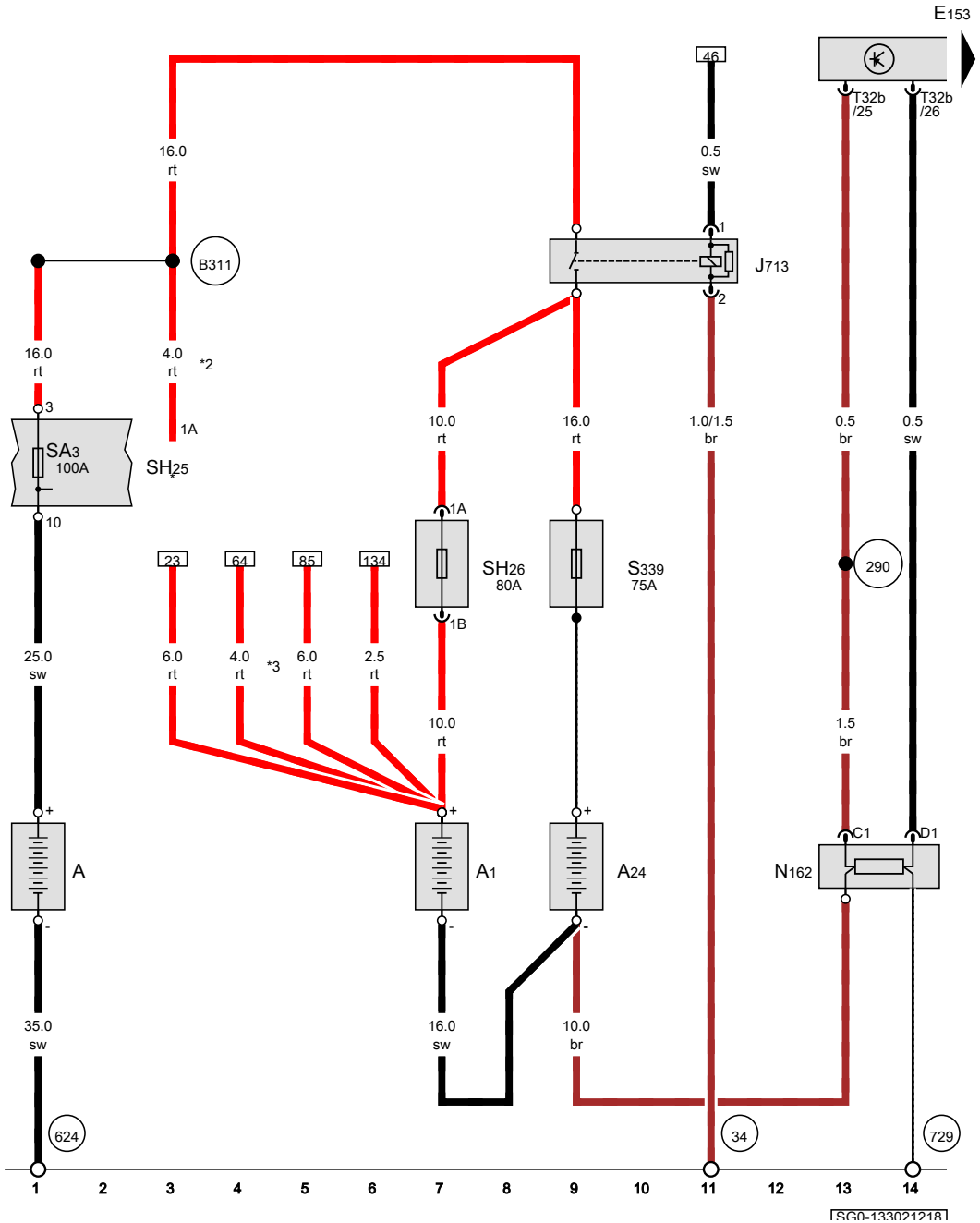

Second battery, Battery for special vehicle, Operating and display unit for camping equipment, Second battery charging circuit relay, Battery charge control measuring resistor, Fuse 3 on fuse holder A

A	Battery
A1	Second battery, under seat on front left
A24	Battery for special vehicle, in cupboard, bottom, rear
E153	Operating and display unit for camping equipment
J713	Second battery charging circuit relay
N162	Battery charge control measuring resistor, near wheel housing, rear, left
SA3	Fuse 3 on fuse holder A
SH25	Fuse 25 in fuse holder H
SH26	Fuse 26 in fuse holder H
S339	Battery fuse in special vehicle, near battery
T32b	32-pin connector, black
34	Earth point, under driver seat
290	Earth connection 1, in second battery wiring harness
624	Earth point, starter battery
729	Earth point, on left rear wheel housing
B311	Positive connection 15 (30), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with electric sliding door
*3	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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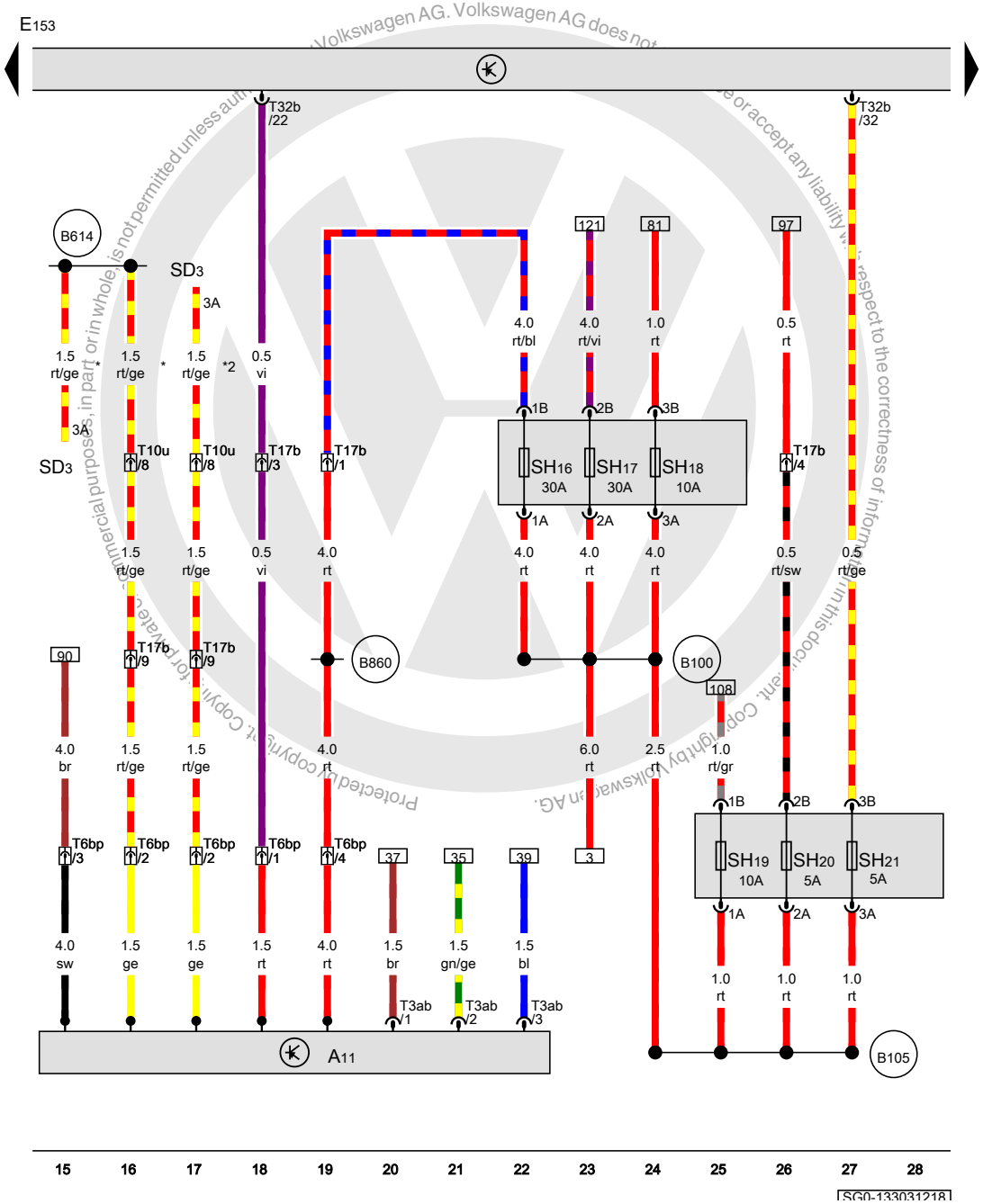
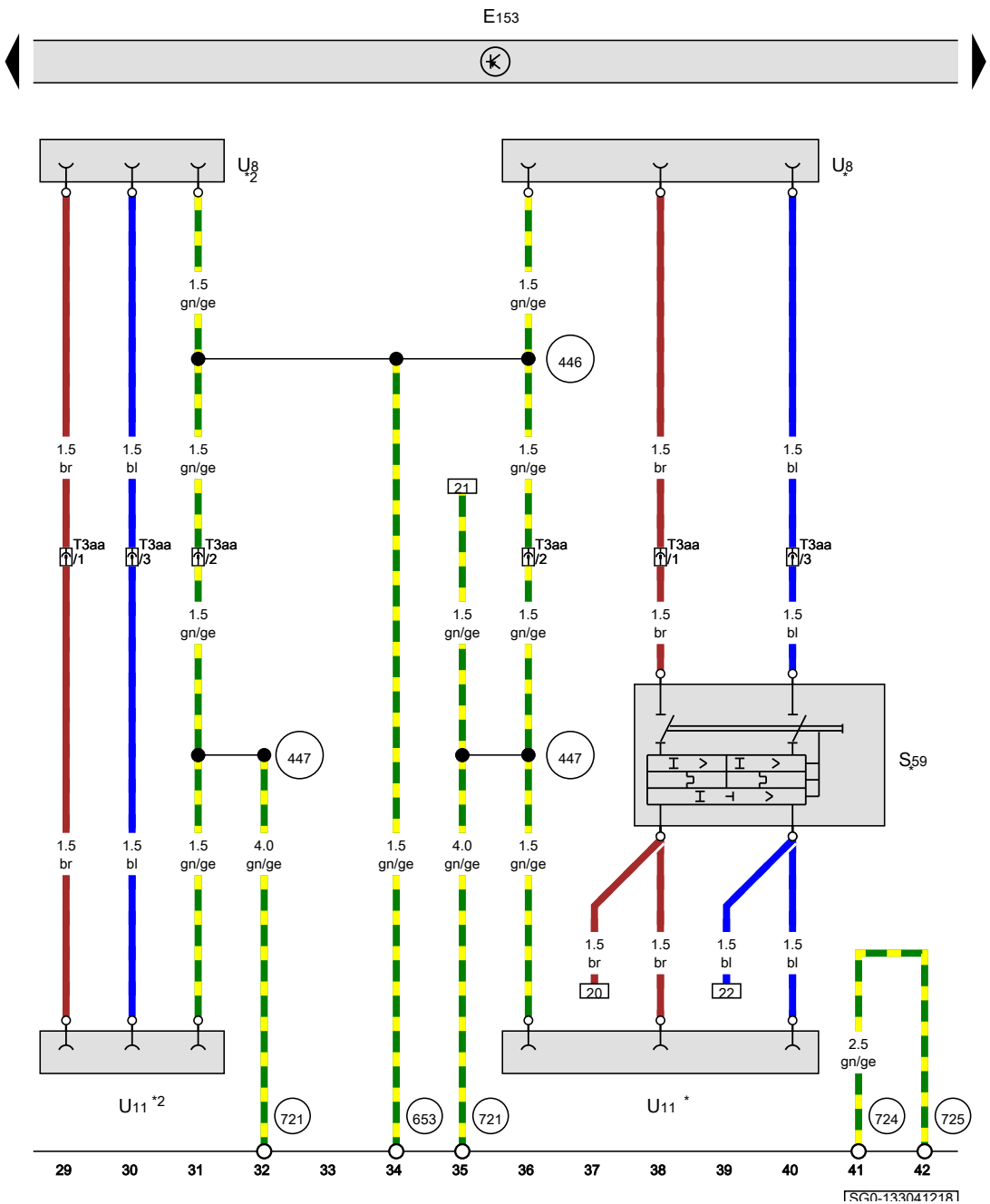


Onboard charging unit, Operating and display unit for camping equipment, Fuse 3 on fuse holder D

A11	Onboard charging unit, in cupboard, in battery box
E153	Operating and display unit for camping equipment
SD3	Fuse 3 on fuse holder D
SH16	Fuse 16 in fuse holder H
SH17	Fuse 17 in fuse holder H
SH18	Fuse 18 in fuse holder H
SH19	Fuse 19 in fuse holder H
SH20	Fuse 20 in fuse holder H
SH21	Fuse 21 in fuse holder H
T3ab	3-pin connector, black
T6bp	6-pin connector, grey, in cupboard, in battery box
T10u	10-pin connector, blue, under seat on front left
T17b	17-pin connector, black, in cupboard, bottom
T32b	32-pin connector, black
B100	Positive connection 4, in Camper wiring harness
B105	Positive connection 5, in Camper wiring harness
B614	Positive connection 23 (30a) in main wiring harness
B860	Positive connection 8, in Camper wiring harness
*	For models with Internet access
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Operating and display unit for camping equipment, 220 V automatic personnel protection circuit breaker, Exterior socket, 230 V, 110 V, Interior socket, 230 V, 110 V

E153	Operating and display unit for camping equipment
S59	220 V automatic personnel protection circuit breaker, in cupboard, rear, left
T3aa	3-pin connector, white, near left D-pillar
U8	Exterior socket, 230 V, 110 V, in rear left side panel
U11	Interior socket, 230 V, 110 V, near sink
446	Earth conductor connection 1
447	Earth conductor connection 2
653	Earth point, on left D-pillar
721	Earth point 1, for special installations
724	Earth point 4, for special installations
725	Earth point 5, for special installations
*	For models with DC/AC converter
*2	For models with no DC/AC converter

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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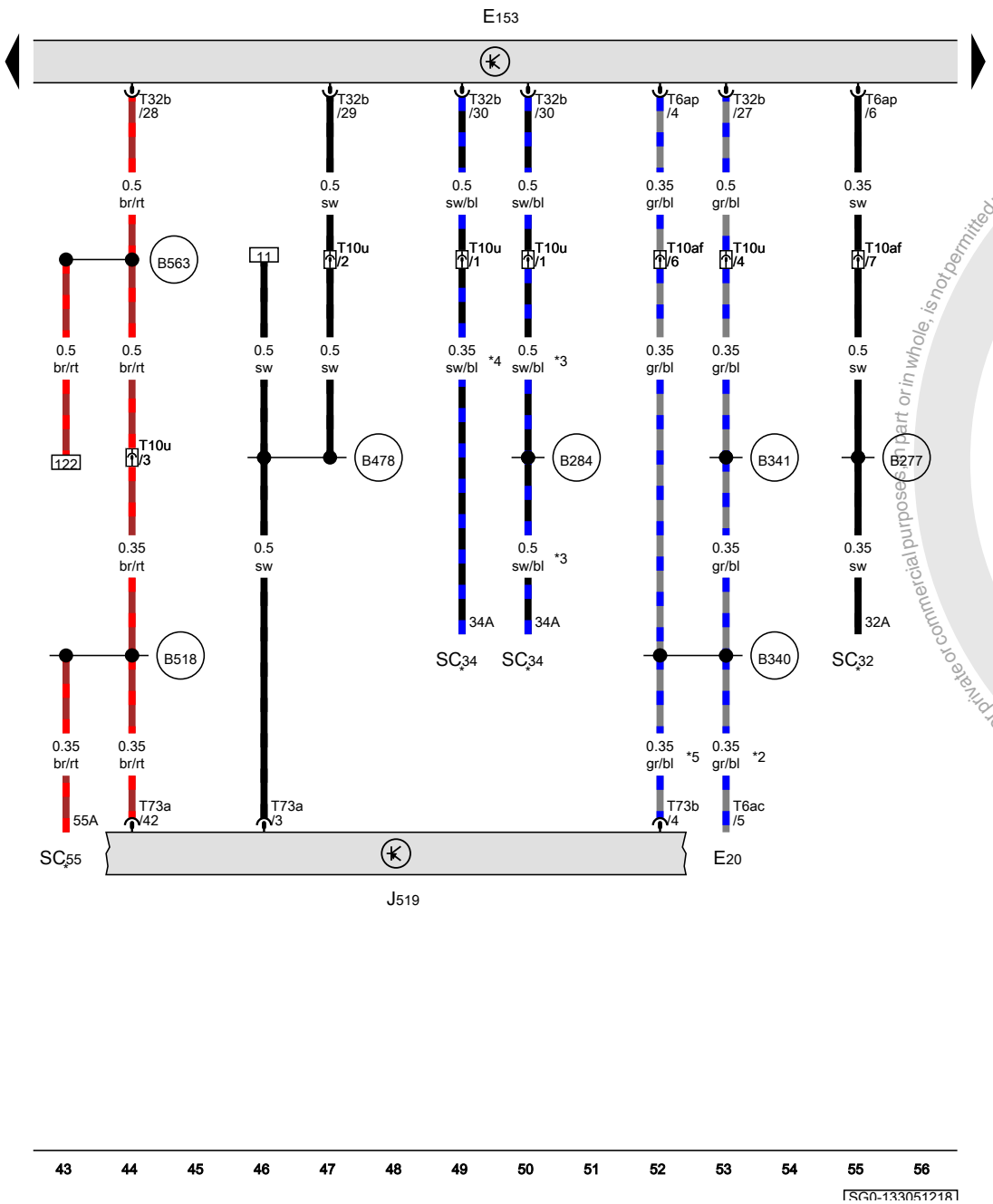
Switch and instrument illumination regulator, Operating and display unit for camping equipment, Onboard supply control unit, Fuse 32 on fuse holder C, Fuse 34 on fuse holder C, Fuse 55 on fuse holder C



E20	Switch and instrument illumination regulator
E153	Operating and display unit for camping equipment
J519	Onboard supply control unit
SC32	Fuse 32 on fuse holder C
SC34	Fuse 34 on fuse holder C
SC55	Fuse 55 on fuse holder C
T6ac	6-pin connector, black
T6ap	6-pin connector, black
T10af	10-pin connector, blue, in left A-pillar coupling station
T10u	10-pin connector, blue, under seat on front left
T32b	32-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
B277	Positive connection 1 (15a) in main wiring harness
B284	Positive connection 8 (15a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B478	Connection 14, in main wiring harness
B518	Connection (86s), in main wiring harness
B563	Positive connection 3, in Camper wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with dimmable instrument illumination
*3	For models with Internet access
*4	According to equipment
*5	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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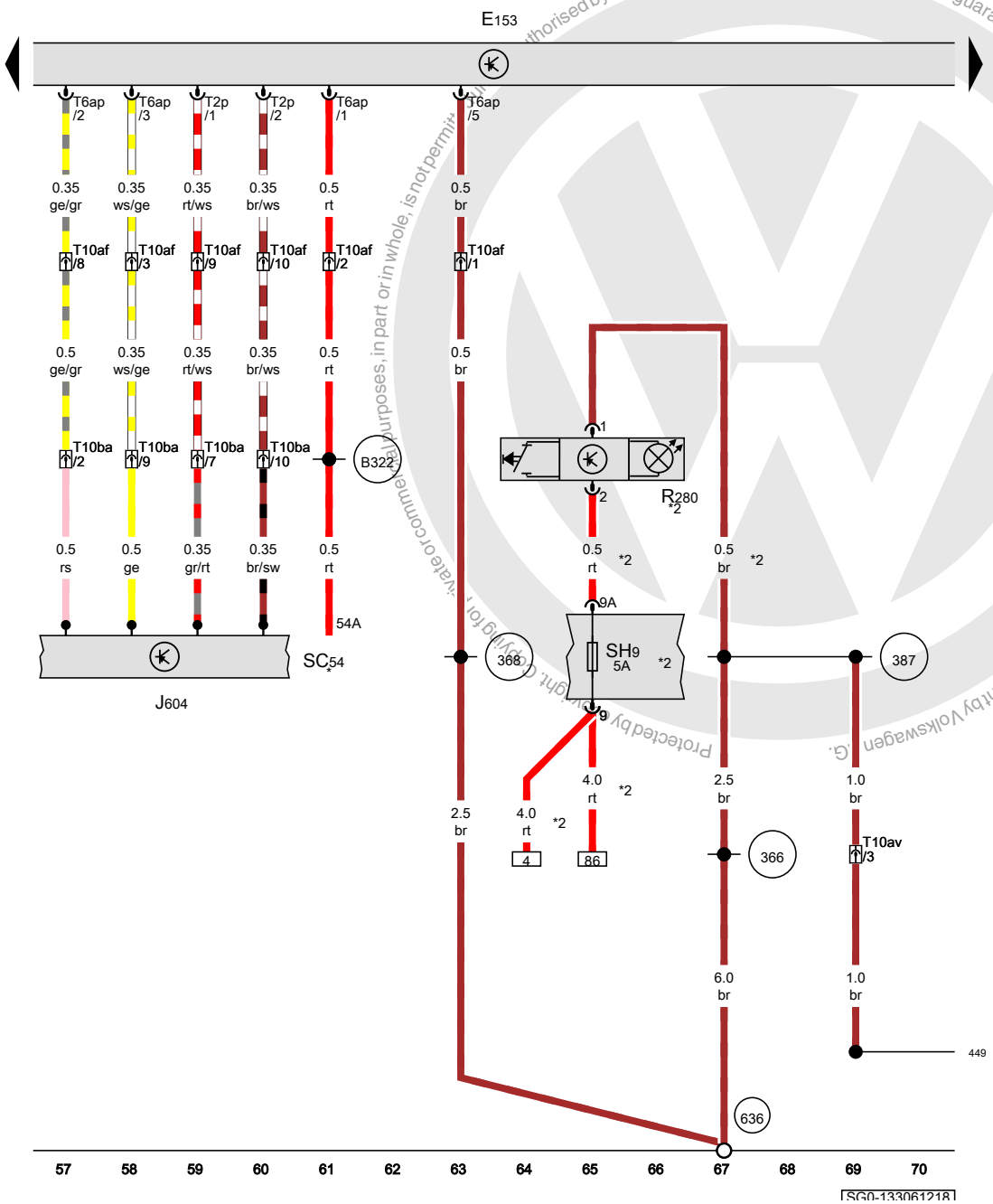

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Operating and display unit for camping equipment, Auxiliary air heater control unit, Fuse 9 in fuse holder H, Fuse 54 on fuse holder C

E153	Operating and display unit for camping equipment
J604	Auxiliary air heater control unit
R280	Electric torch, on front passenger seat
SH9	Fuse 9 in fuse holder H
SC54	Fuse 54 on fuse holder C
T2p	2-pin connector, black
T6ap	6-pin connector, black
T10af	10-pin connector, blue, in left A-pillar coupling station
T10av	10-pin connector, brown, under seat on front right
T10ba	10-pin connector, blue, under seat on front right
366	Earth connection 1, in main wiring harness
368	Earth connection 3, in main wiring harness
387	Earth connection 22, in main wiring harness
449	Earth connection 2, in Camper wiring harness
636	Earth point, onboard supply control unit
B322	Positive connection 8 (30a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment

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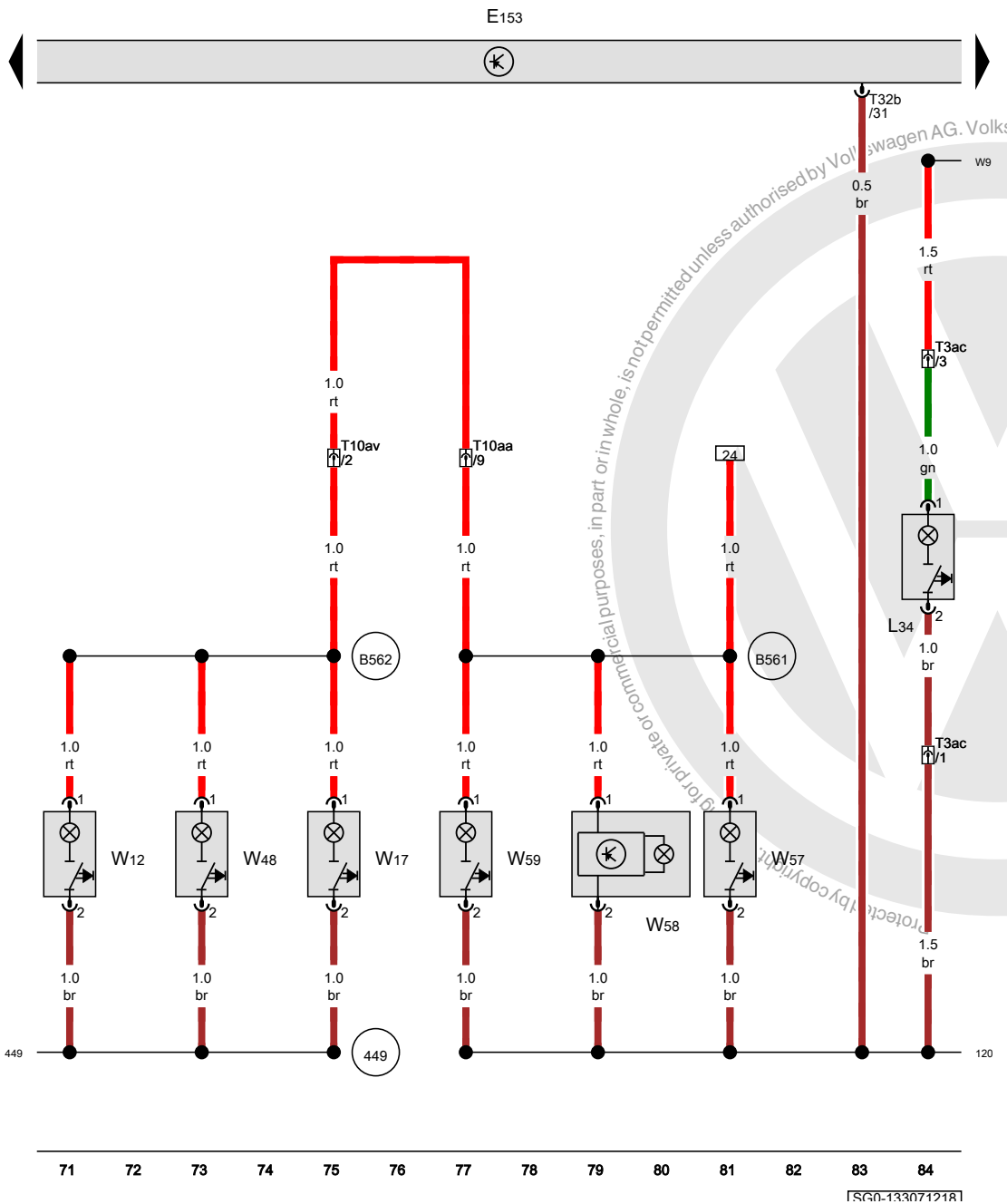

Operating and display unit for camping equipment, Map reading light bulb, Rear right reading light, Right interior light, Rear right interior light, Kitchenette light 1, Kitchenette light 2, Kitchenette light 3

E153	Operating and display unit for camping equipment
L34	Map reading light bulb
T3ac	3-pin connector, colourless, near map reading lamp
T10aa	10-pin connector, dark brown, under seat on front left
T10av	10-pin connector, brown, under seat on front right
T32b	32-pin connector, black
W12	Rear right reading light, in right D-pillar
W17	Right interior light, on upper section of right B-pillar
W48	Rear right interior light, on right C-pillar
W57	Kitchenette light 1, on upper section of left B-pillar
W58	Kitchenette light 2
W59	Kitchenette light 3, on left C-pillar
449	Earth connection 2, in Camper wiring harness
1200	Earth connection 4, in Camper wiring harness
B561	Positive connection 1, in Camper wiring harness
B562	Positive connection 2, in Camper wiring harness
W9	Positive connection 1 (30), in rear wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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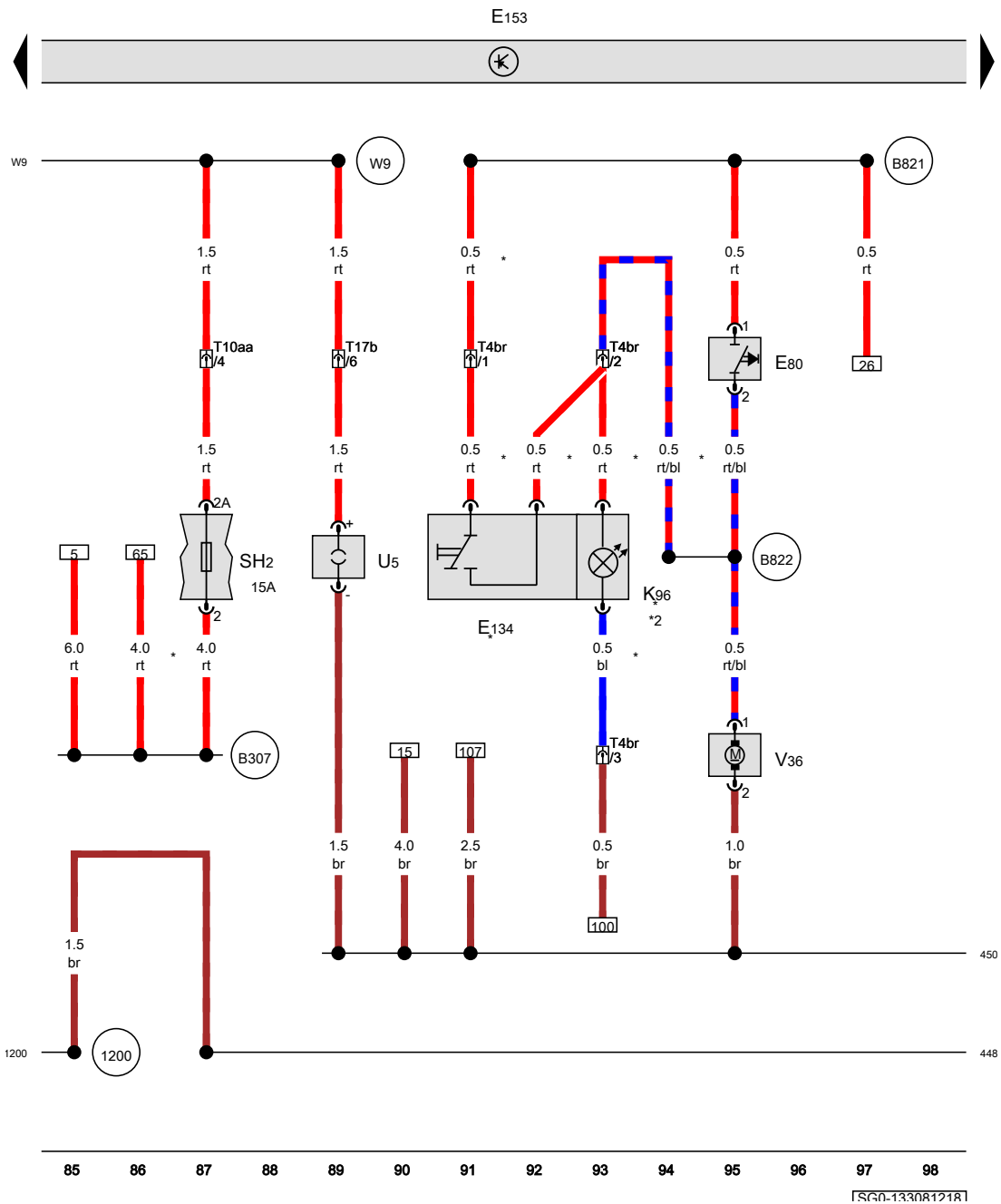
Water pump switch, Water pump switch for shower, Operating and display unit for camping equipment, Warning lamp, Fuse 2 in fuse holder H, 12 V socket, Coolant pump



E80	Water pump switch
E134	Water pump switch for shower, rear, in cupboard
E153	Operating and display unit for camping equipment
K96	Warning lamp, rear, in cupboard
SH2	Fuse 2 in fuse holder H
T4br	4-pin connector, black, in cupboard, rear, left
T10aa	10-pin connector, dark brown, under seat on front left
T17b	17-pin connector, black, in cupboard, bottom
U5	12 V socket, near sink
V36	Coolant pump
448	Earth connection 1, in Camper wiring harness
450	Earth connection 3, in Camper wiring harness
1200	Earth connection 4, in Camper wiring harness
B307	Positive connection 11 (30), in main wiring harness
B821	Positive connection 6, in Camper wiring harness
B822	Positive connection 7, in Camper wiring harness
W9	Positive connection 1 (30), in rear wiring harness
*	According to equipment
*2	Up to January 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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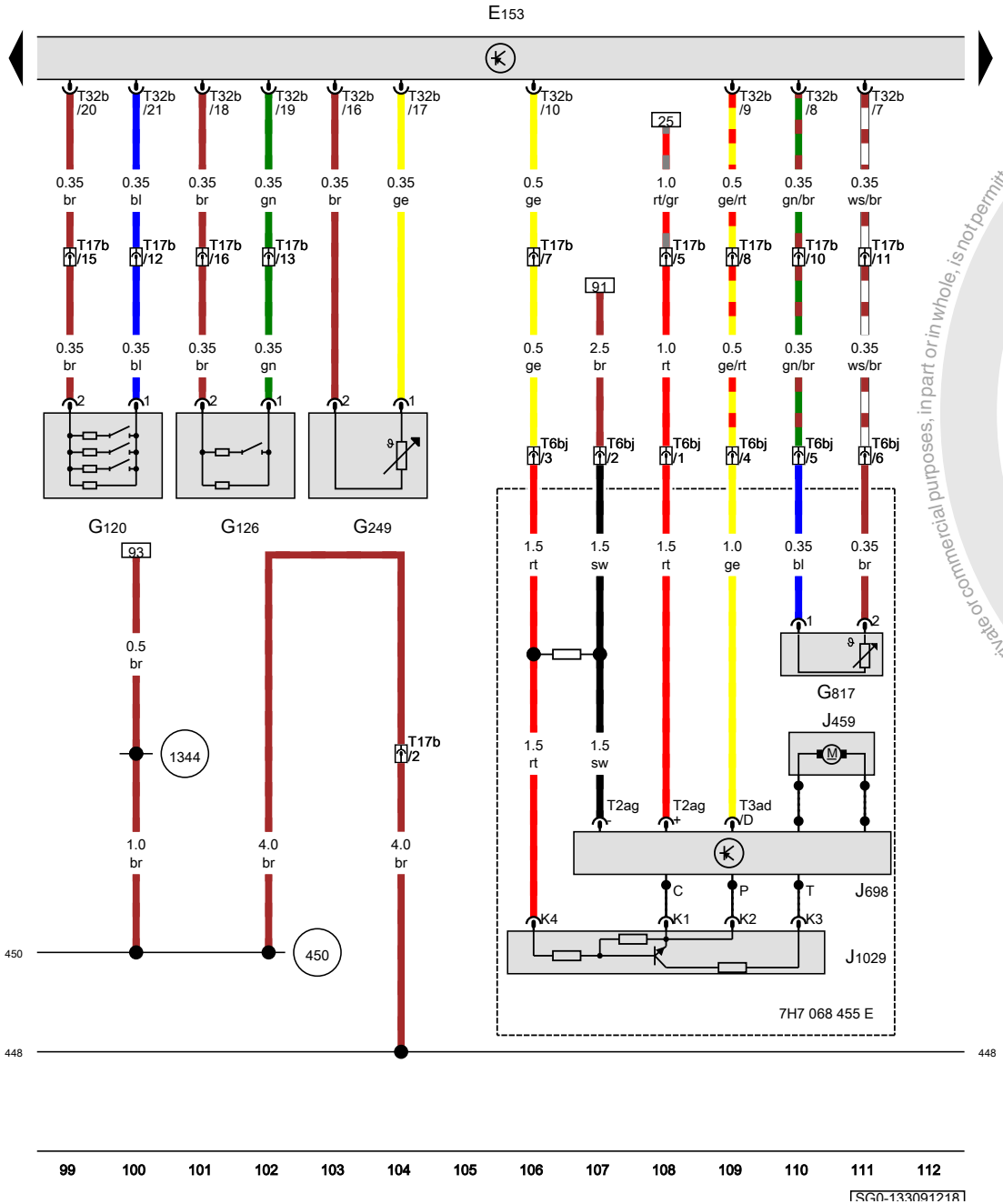

Operating and display unit for camping equipment, Water level sender, Waste water level sender, Ambient temperature sender 2, Refrigerator temperature sensor, Refrigerator cooling element, Refrigerator box, Refrigerator control unit

E153	Operating and display unit for camping equipment
G120	Water level sender
G126	Waste water level sender
G249	Ambient temperature sender 2, on rear left on vehicle floor
G817	Refrigerator temperature sensor
J459	Refrigerator cooling element
J698	Refrigerator box
J1029	Refrigerator control unit, near refrigerator box
T2ag	2-pin connector, black
T3ad	3-pin connector, black
T6bj	6-pin connector, black, near refrigerator box
T17b	17-pin connector, black, in cupboard, bottom
T32b	32-pin connector, black
448	Earth connection 1, in Camper wiring harness
450	Earth connection 3, in Camper wiring harness
1344	Earth connection 5, in Camper wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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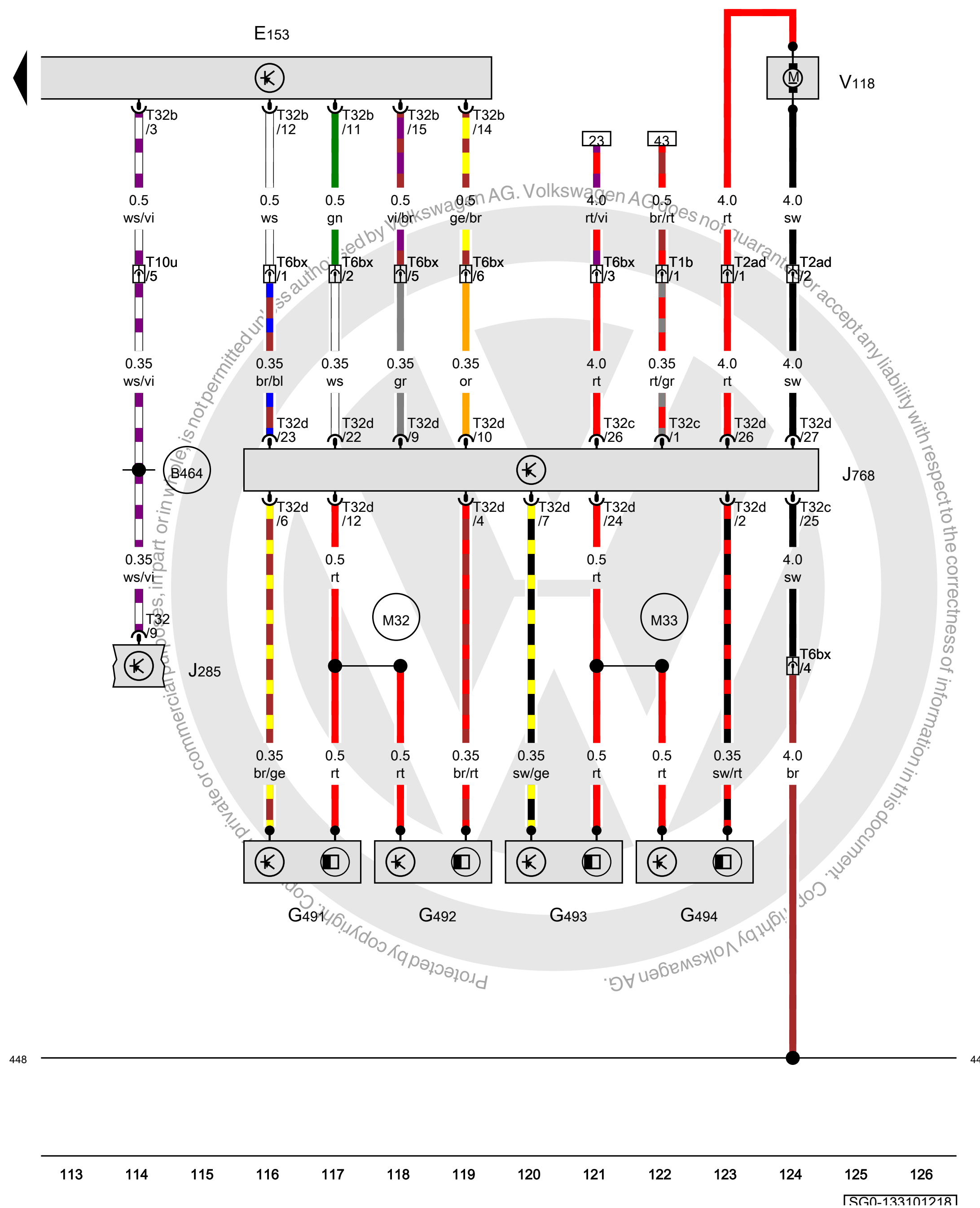

Operating and display unit for camping equipment, Control unit in dash panel insert, Roof hydraulics control unit, Convertible roof actuation hydraulic pump

E153	Operating and display unit for camping equipment
G491	Roof hydraulics sender 1
G492	Roof hydraulics sender 2
G493	Roof hydraulics sender 3
G494	Roof hydraulics sender 4
J285	Control unit in dash panel insert
J768	Roof hydraulics control unit
T1b	1-pin connector, grey, near roof hydraulics control unit
T2ad	2-pin connector, black, near convertible roof operation hydraulic pump
T6bx	6-pin connector, black, near roof hydraulics control unit
T10u	10-pin connector, blue, under seat on front left
T32	32-pin connector, blue
T32b	32-pin connector, black
T32c	32-pin connector, black
T32d	32-pin connector, blue
V118	Convertible roof actuation hydraulic pump
448	Earth connection 1, in Camper wiring harness
B464	Connection (speed signal), in main wiring harness
M32	Connection 1, in wiring harness for roof operation
M33	Connection 2, in wiring harness for roof operation

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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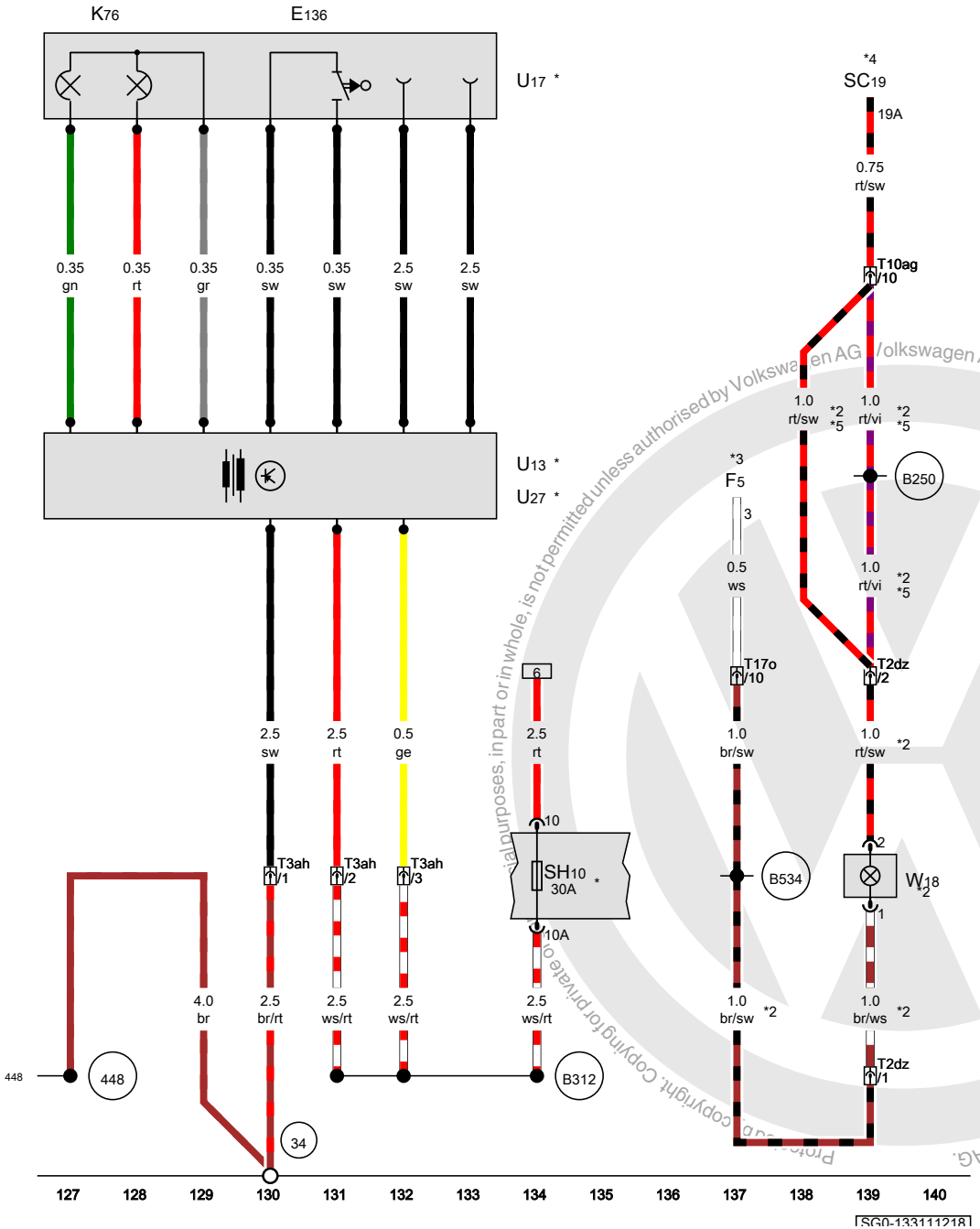
DC/AC converter with socket, 12 V - 230 V, Interior socket 2, 230V, 110V, Left luggage compartment light



E136	DC/AC converter switch, in electric socket	
F5	Luggage compartment light switch	
K76	Electric socket warning lamp, in electric socket	
SH10	Fuse 10 in fuse holder H	
SC19	Fuse 19 on fuse holder C	
T2dz	2-pin connector, black, behind left D-pillar trim	
T3ah	3-pin connector, black, on DC/AC converter	
T10ag	10-pin connector, brown, in left A-pillar coupling station	
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame	
U13	DC/AC converter with socket, 12 V - 230 V, on left B-pillar	
U17	Interior socket 2, 230V, 110V, on left B-pillar	
U27	DC/AC converter with socket, 12 V - 115 V, on left B-pillar	
W18	Left luggage compartment light	
34	Earth point, under driver seat	
448	Earth connection 1, in Camper wiring harness	
B250	Positive connection, in roof wiring harness	
B312	Positive connection 16 (30), in main wiring harness	
B534	Connection 1 (luggage compartment switch), in roof wiring harness	
*	For models with DC/AC converter	
*2	For models with luggage compartment light	
*3	see applicable current flow diagram for convenience system	
*4	see applicable current flow diagram for fuse assignment	
*5	According to equipment	

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Adjustable rear seat , (Business)

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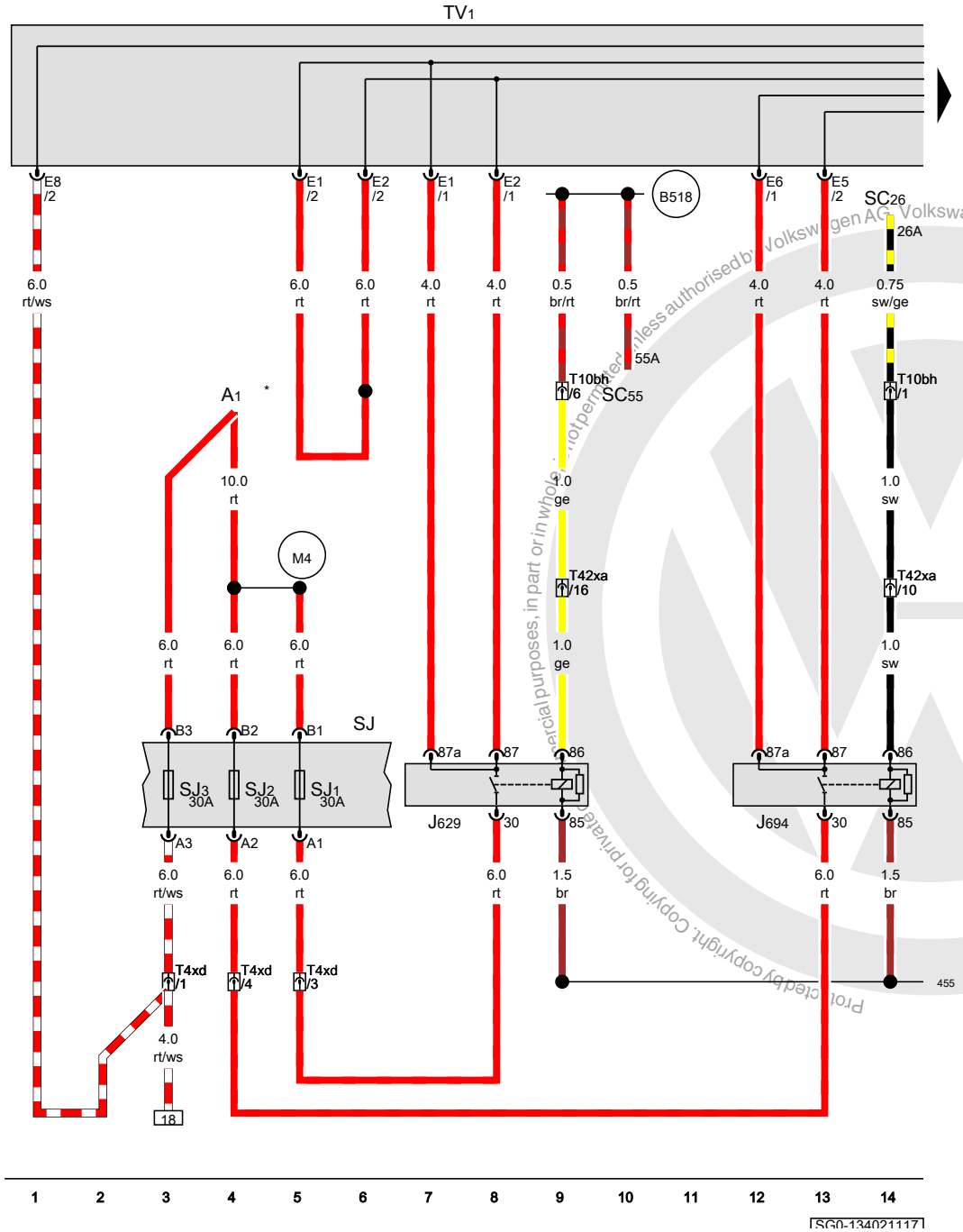

Second battery, Contact 86s relay, Terminal 75x voltage supply relay, Fuse 26 on fuse holder C, Fuse 55 on fuse holder C, Fuse holder J, Wiring junction

A1	Second battery
J629	Contact 86s relay, under rear bench seat
J694	Terminal 75x voltage supply relay, under rear bench seat
SJ1	Fuse 1 on fuse holder J
SJ2	Fuse 2 on fuse holder J
SJ3	Fuse 3 on fuse holder J
SC26	Fuse 26 on fuse holder C
SC55	Fuse 55 on fuse holder C
SJ	Fuse holder J, under seat on front left
T4xd	4-pin connector, black, under rear bench seat
T10bh	10-pin connector, purple, under seat on front left
T42xa	42-pin connector, black, under rear bench seat
TV1	Wiring junction
455	Earth connection 5, in optional equipment wiring harness
B518	Connection (86s), in main wiring harness
M4	Positive connection (30), in rear seat adjustment wiring harness
*	see applicable current flow diagram for second battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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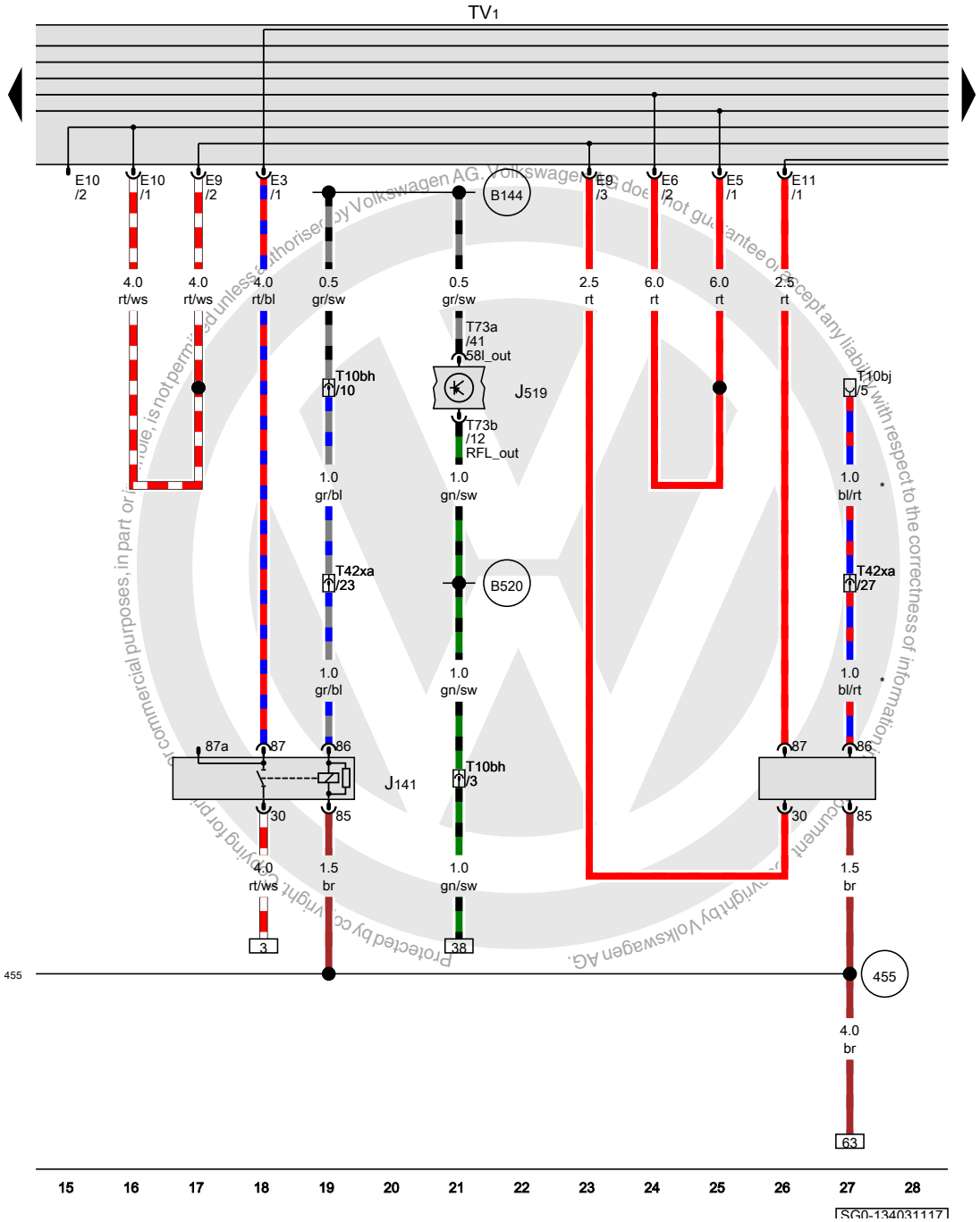

Switch illumination relay, Onboard supply control unit, Wiring junction

J141	Switch illumination relay, under rear bench seat
J519	Onboard supply control unit
T10bh	10-pin connector, purple, under seat on front left
T10bj	10-pin connector, yellow, under seat on front left
T42xa	42-pin connector, black, under rear bench seat
T73a	73-pin connector, black
T73b	73-pin connector, white
TV1	Wiring junction
455	Earth connection 5, in optional equipment wiring harness
B144	Positive connection (58L), in interior wiring harness
B520	Connection (RL), in main wiring harness
*	Wire with no function

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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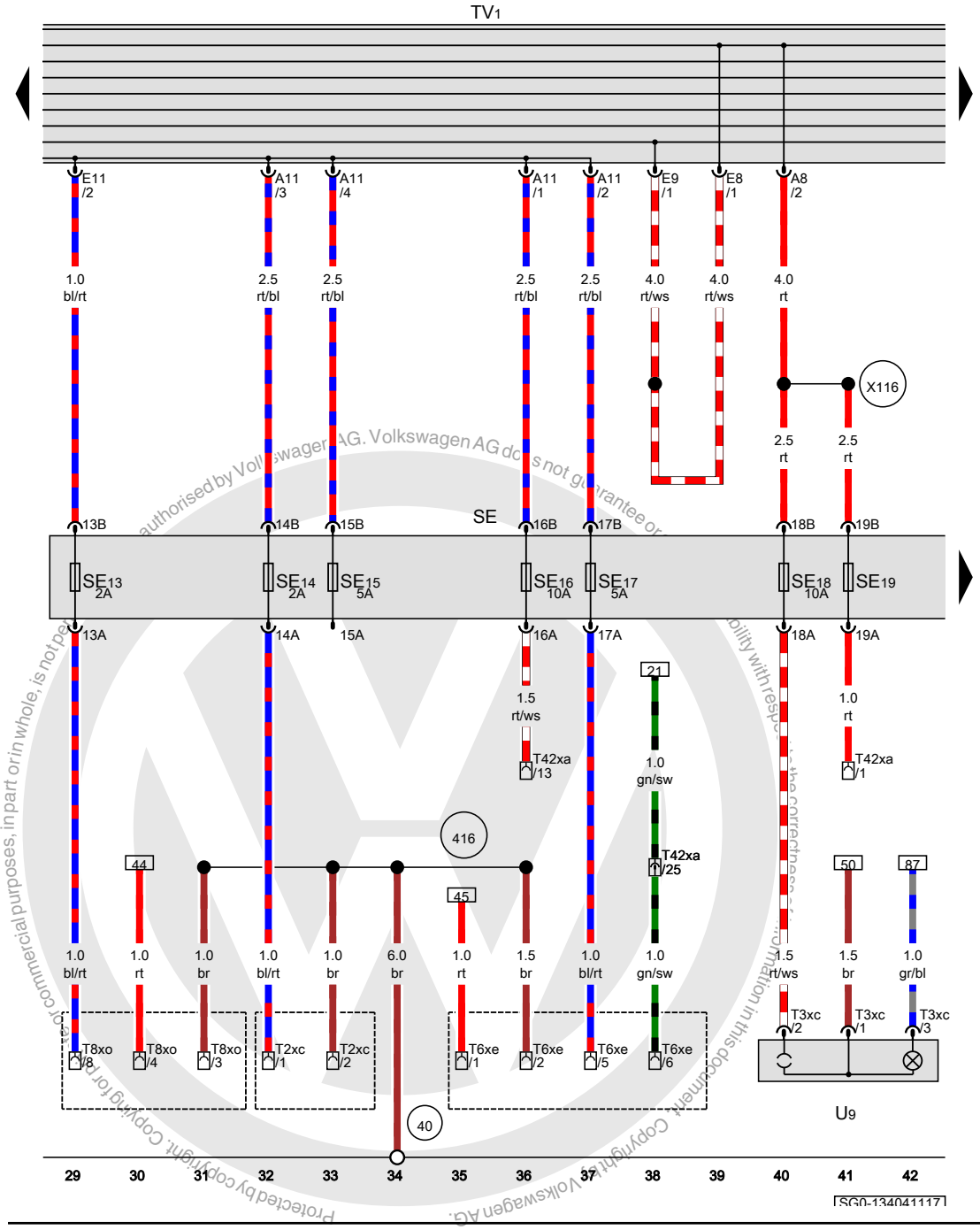

Fuse holder E, Wiring junction, Rear cigarette lighter

SE	Fuse holder E
SE13	Fuse 13 on fuse holder E
SE14	Fuse 14 on fuse holder E
SE15	Fuse 15 on fuse holder E
SE16	Fuse 16 on fuse holder E
SE17	Fuse 17 on fuse holder E
SE18	Fuse 18 on fuse holder E
SE19	Fuse 19 on fuse holder E
T2xc	2-pin connector, black, under rear bench seat
T3xc	3-pin connector, black
T6xe	6-pin connector, black, under rear bench seat
T8xo	8-pin connector, black, under rear bench seat
T42xa	42-pin connector, black, under rear bench seat
TV1	Wiring junction
U9	Rear cigarette lighter
40	Earth point, under rear right seat
416	Earth connection, in rear armrest wiring harness
X116	Positive connection 2 (30), in optional equipment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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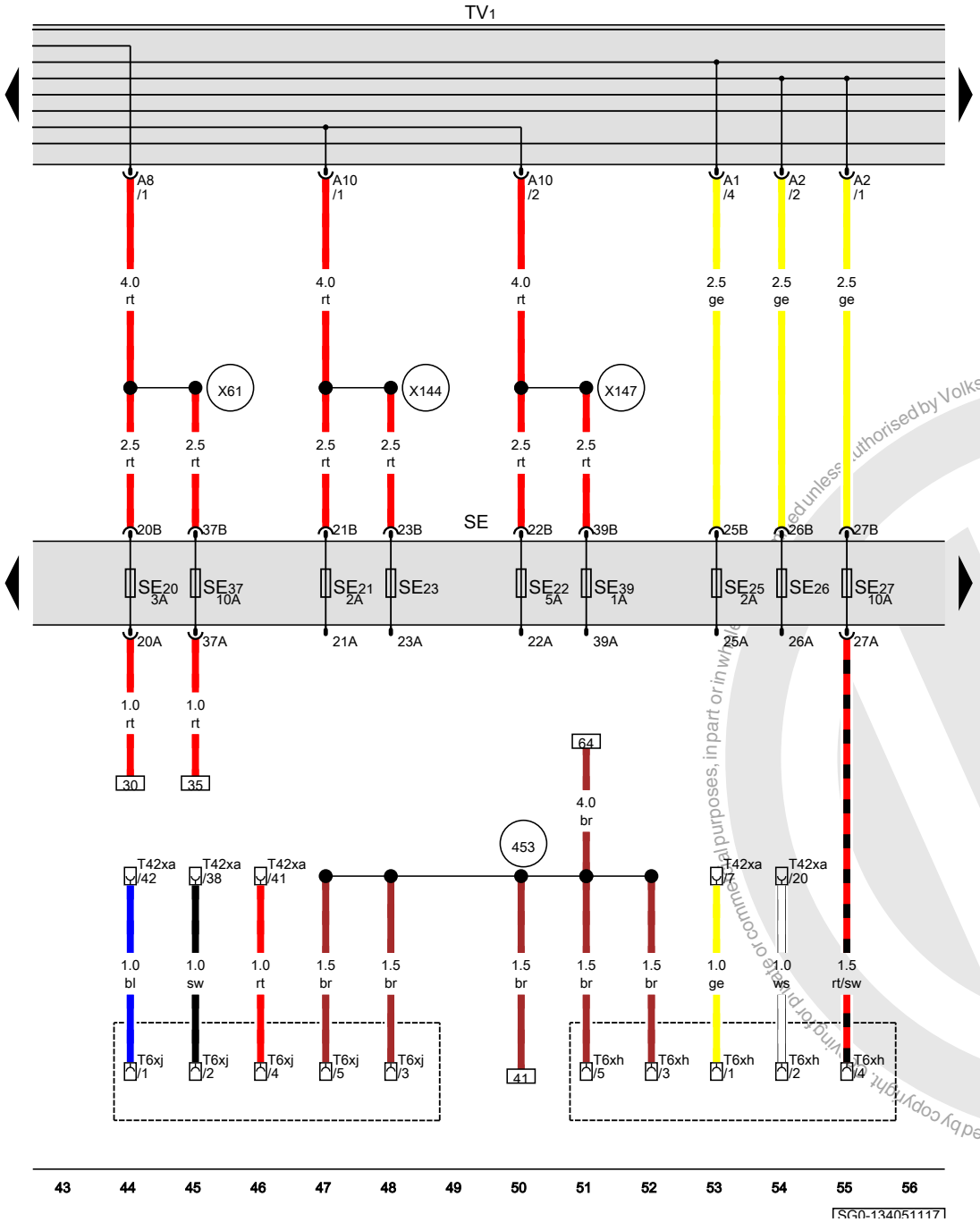

Fuse holder E, Wiring junction

SE	Fuse holder E
SE20	Fuse 20 on fuse holder E
SE21	Fuse 21 on fuse holder E
SE22	Fuse 22 on fuse holder E
SE23	Fuse 23 on fuse holder E
SE25	Fuse 25 on fuse holder E
SE26	Fuse 26 on fuse holder E
SE27	Fuse 27 on fuse holder E
SE37	Fuse 37 on fuse holder E
SE39	Fuse 39 on fuse holder E
T6xh	6-pin connector, black, under rear bench seat
T6xj	6-pin connector, black, under rear bench seat
T42xa	42-pin connector, black, under rear bench seat
TV1	Wiring junction
453	Earth connection 3, in optional equipment wiring harness
X61	Positive connection (30), in optional equipment wiring harness
X144	Positive connection 5 (30), in optional equipment wiring harness
X147	Positive connection 6 (30), in optional equipment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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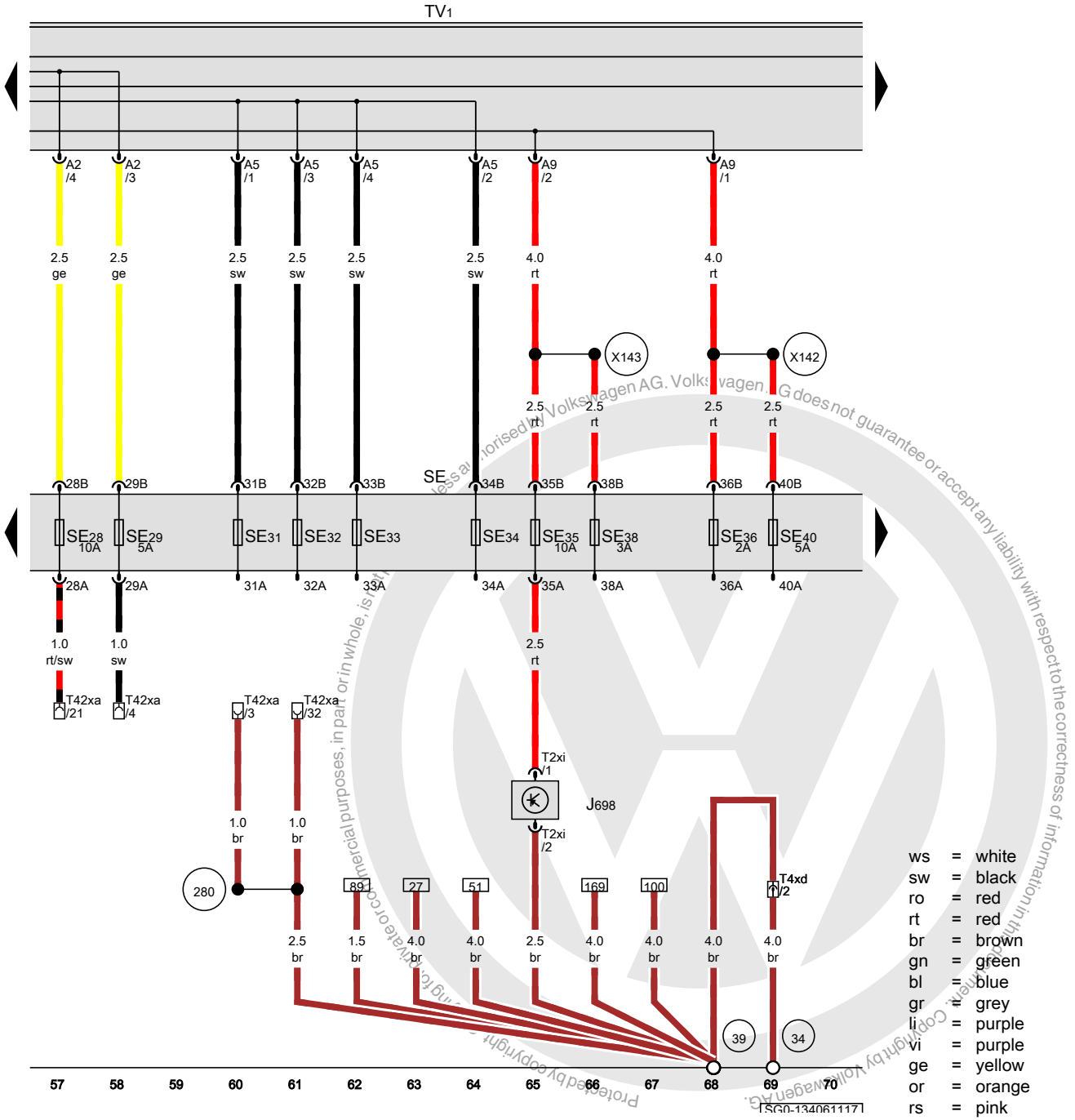

Refrigerator box, Fuse holder E, Wiring junction

J698	Refrigerator box
SE	Fuse holder E
SE28	Fuse 28 on fuse holder E
SE29	Fuse 29 on fuse holder E
SE31	Fuse 31 on fuse holder E
SE32	Fuse 32 on fuse holder E
SE33	Fuse 33 on fuse holder E
SE34	Fuse 34 on fuse holder E
SE35	Fuse 35 on fuse holder E
SE36	Fuse 36 on fuse holder E
SE38	Fuse 38 on fuse holder E
SE40	Fuse 40 on fuse holder E
T2xi	2-pin connector, black
T4xd	4-pin connector, black, under rear bench seat
T42xa	42-pin connector, black, under rear bench seat
TV1	Wiring junction
34	Earth point, under driver seat
39	Earth point, on left under rear seat
280	Earth connection, in communications wiring harness
X142	Positive connection 3 (30), in optional equipment wiring harness
X143	Positive connection 4 (30), in optional equipment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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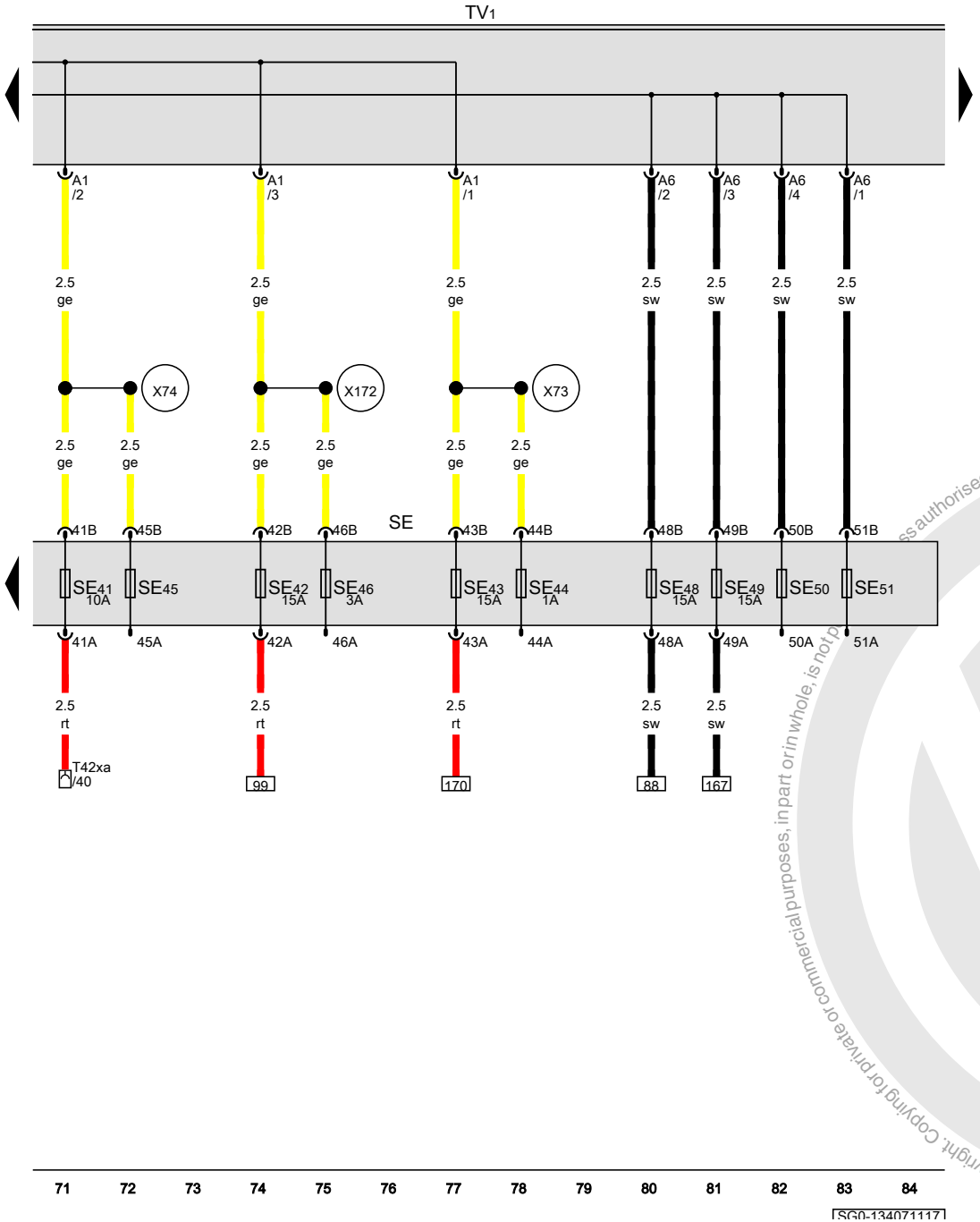

Fuse holder E, Wiring junction

SE	Fuse holder E
SE41	Fuse 41 on fuse holder E
SE42	Fuse 42 on fuse holder E
SE43	Fuse 43 on fuse holder E
SE44	Fuse 44 on fuse holder E
SE45	Fuse 45 on fuse holder E
SE46	Fuse 46 on fuse holder E
SE48	Fuse 48 on fuse holder E
SE49	Fuse 49 on fuse holder E
SE50	Fuse 50 on fuse holder E
SE51	Fuse 51 on fuse holder E
T42xa	42-pin connector, black, under rear bench seat
TV1	Wiring junction
X73	Connection 1 (S contact), in optional equipment wiring harness
X74	Connection 2 (S contact), in optional equipment wiring harness
X172	Connection 3 (S contact), in optional equipment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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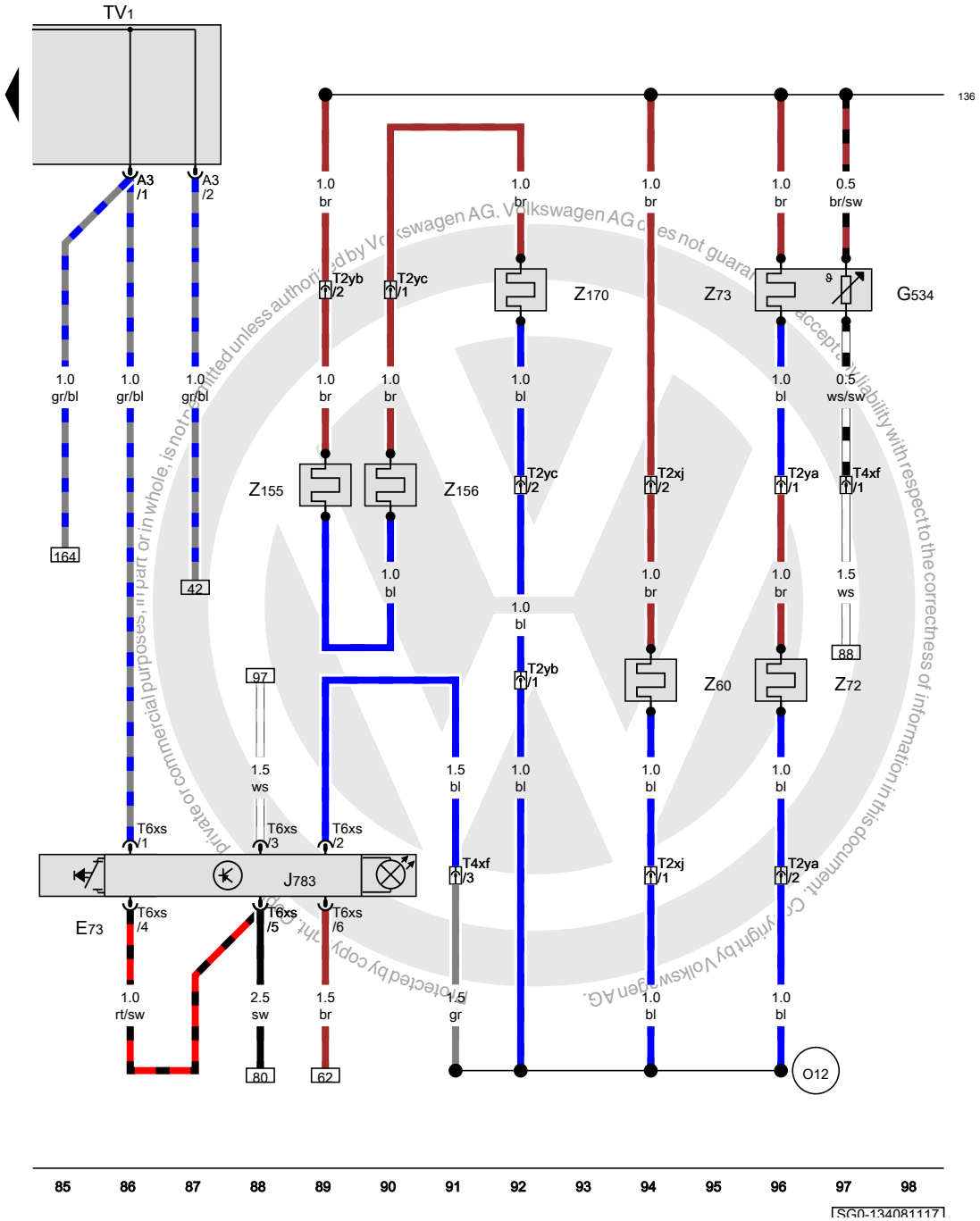

Seat heating switch, Temperature sensor for left seat, row 3, Control unit for heated left seat, row 3, Wiring junction, Left rear seat lateral support heating, Heated backrest for left seat, row 3, Heated seat cushion for left seat, row 3, Left bolster heater for rear left seat, Right bolster heater for rear left seat, Heater element for rear left seat extension

E73	Seat heating switch
G534	Temperature sensor for left seat, row 3
J783	Control unit for heated left seat, row 3
T2xj	2-pin connector, black, in rear left seat
T2ya	2-pin connector, red, in rear left seat
T2yb	2-pin connector, green, in rear left seat
T2yc	2-pin connector, green, in rear left seat
T4xf	4-pin connector, black, under left rear seat
T6xs	6-pin connector, black
TV1	Wiring junction
Z60	Left rear seat lateral support heating
Z72	Heated backrest for left seat, row 3
Z73	Heated seat cushion for left seat, row 3
Z155	Left bolster heater for rear left seat
Z156	Right bolster heater for rear left seat
Z170	Heater element for rear left seat extension
136	Earth connection 2, in seat heating wiring harness
O12	Connection 1, in seat heating wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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gn	=	green
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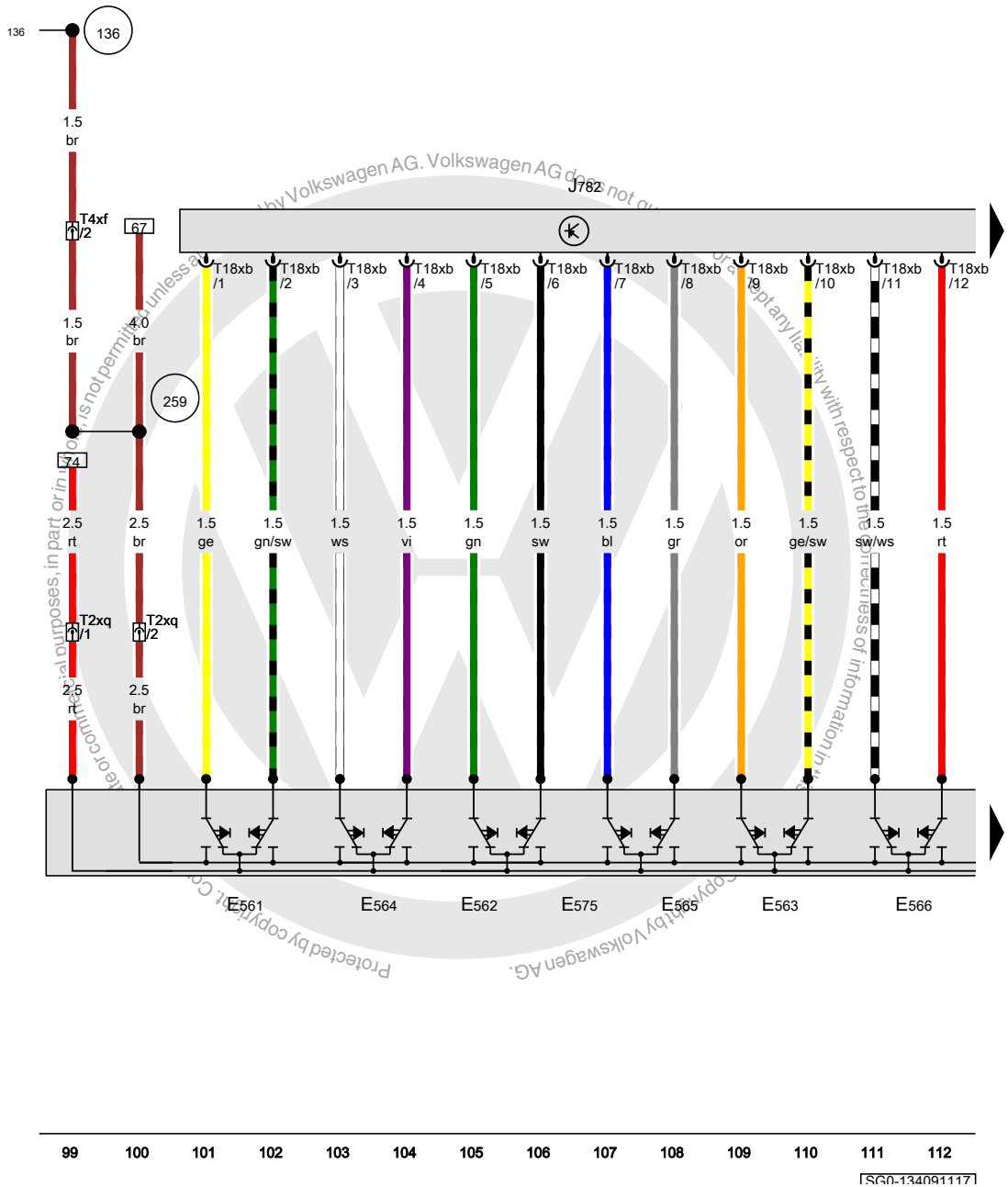

Operating unit 1 for rear seat adjustment, Control unit for left seat, row 3

E561	Height adjustment button for front of left seat, row 3
E562	Height adjustment button for rear of left seat, row 3
E563	Head restraint adjustment button for left seat, row 3
E564	Longitudinal adjustment button for left seat, row 3
E565	Left backrest adjustment button for seat, row 3
E566	Depth adjustment button for left seat, row 3
E575	Operating unit 1 for rear seat adjustment
J782	Control unit for left seat, row 3
T2xq	2-pin connector, black, under rear bench seat
T4xf	4-pin connector, black, under left rear seat
T18xb	18-pin connector, white
136	Earth connection 2, in seat heating wiring harness
259	Earth connection 2, in optional equipment wiring harness

ws	=	white
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bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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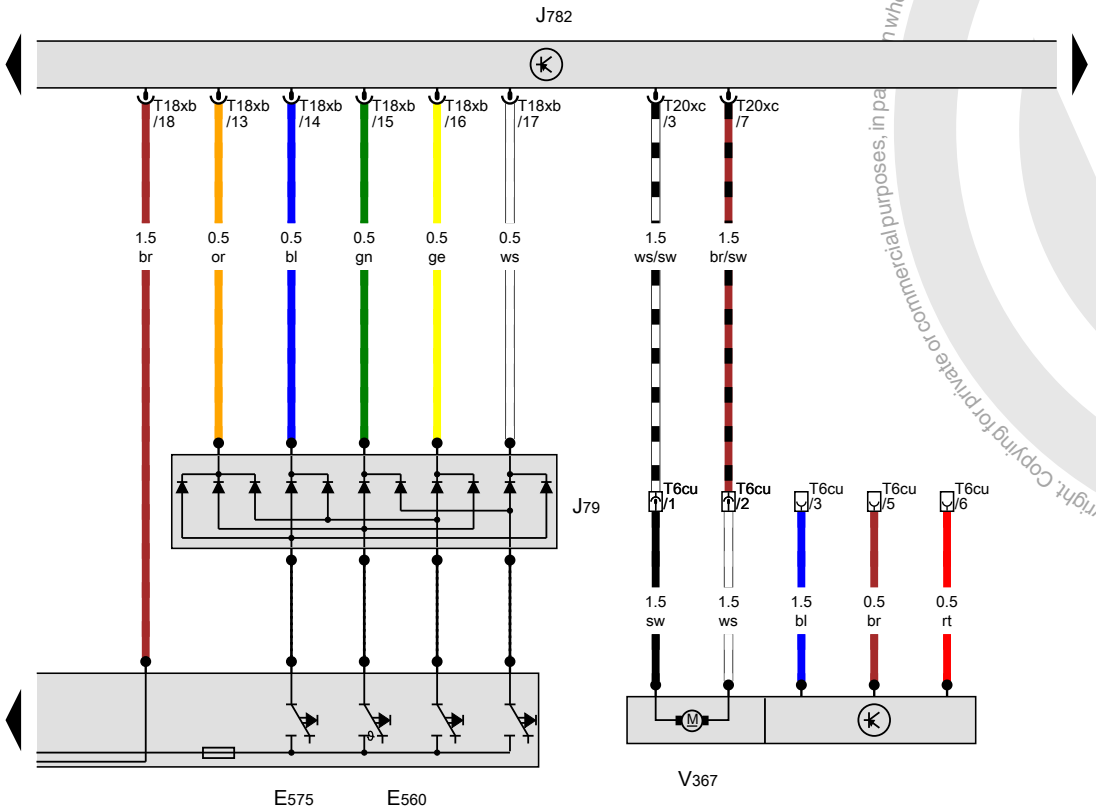
Operating unit 1 for rear seat adjustment, Diode group, Control unit for left seat, row 3, Longitudinal adjustment motor for left seat, row 3

E560	Height adjustment button for lumbar support of left seat, row 3
E575	Operating unit 1 for rear seat adjustment
J79	Diode group
J782	Control unit for left seat, row 3
T6cu	6-pin connector, black, under rear bench seat
T18xb	18-pin connector, white
T20xc	20-pin connector, white
V367	Longitudinal adjustment motor for left seat, row 3



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rs	=	pink

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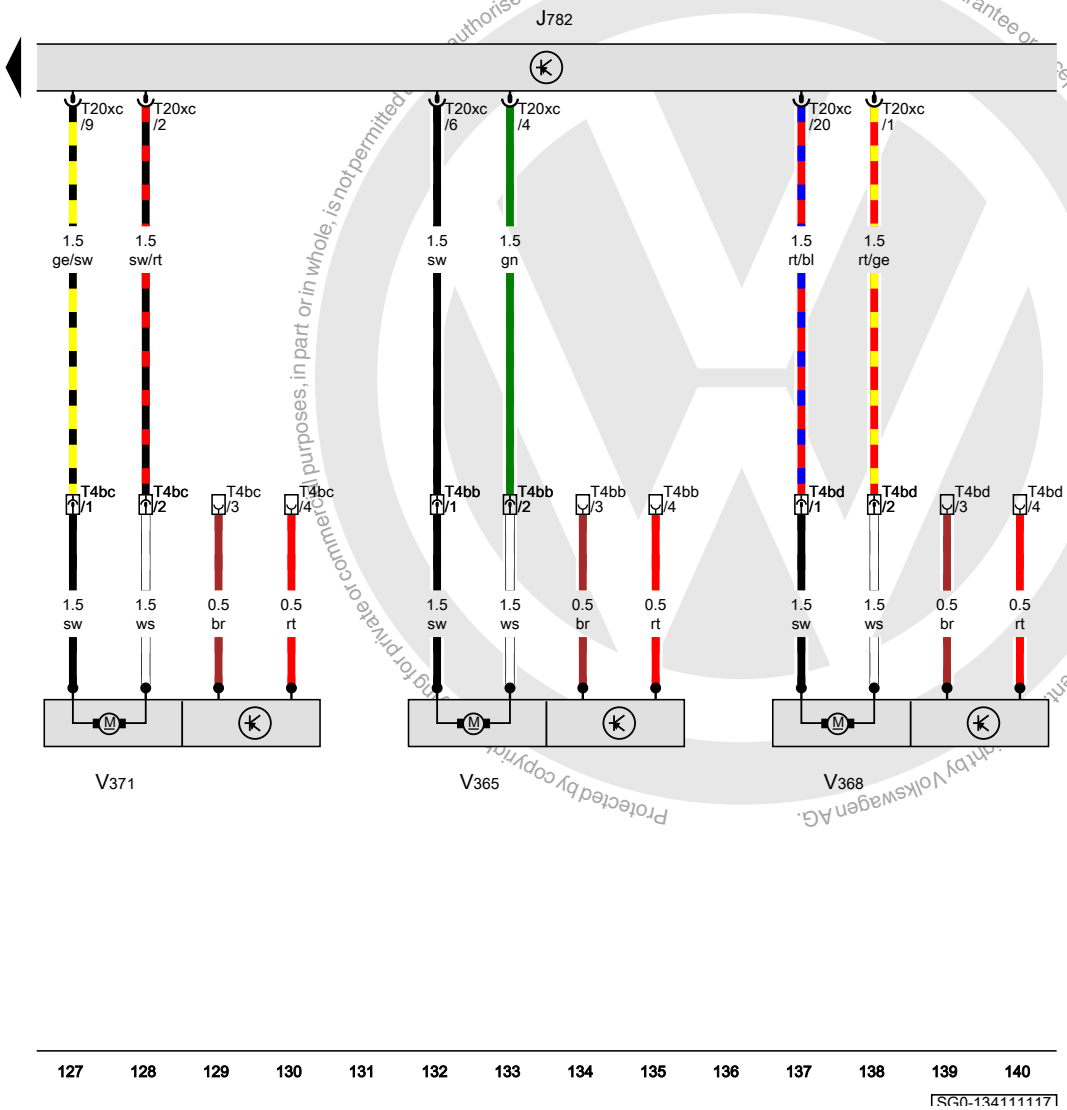
Control unit for left seat, row 3, Height adjustment motor 1 for left seat, row 3, Backrest adjustment motor for left seat, row 3, Height adjustment motor 2 for left seat, row 3

J782	Control unit for left seat, row 3
T4bb	4-pin connector, black, under rear bench seat
T4bc	4-pin connector, white, under rear bench seat
T4bd	4-pin connector, black, in seat
T20xc	20-pin connector, white
V365	Height adjustment motor 1 for left seat, row 3
V368	Backrest adjustment motor for left seat, row 3
V371	Height adjustment motor 2 for left seat, row 3



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ge	=	yellow
or	=	orange
rs	=	pink

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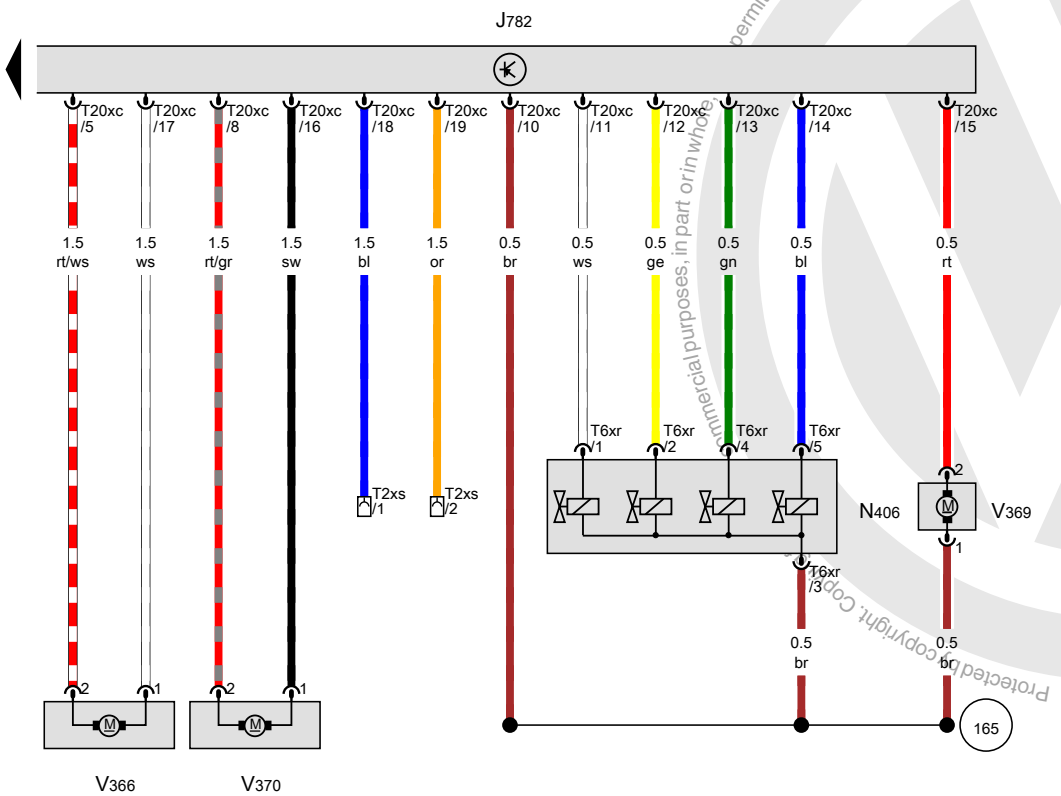
Control unit for left seat, row 3, Valve block for lumbar support adjustment for left seat, row 3, Head restraint adjustment motor for left seat, row 3, Lumbar support adjustment pump for left seat, row 3, Depth adjustment motor for left seat, row 3

J782	Control unit for left seat, row 3
N406	Valve block for lumbar support adjustment for left seat, row 3
T2xs	2-pin connector, black, under rear bench seat
T6xr	6-pin connector, black
T20xc	20-pin connector, white
V366	Head restraint adjustment motor for left seat, row 3
V369	Lumbar support adjustment pump for left seat, row 3
V370	Depth adjustment motor for left seat, row 3
165	Earth connection 1, in rear seat adjustment wiring harness



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ge	=	yellow
or	=	orange
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141 142 143 144 145 146 147 148 149 150 151 152 153 154

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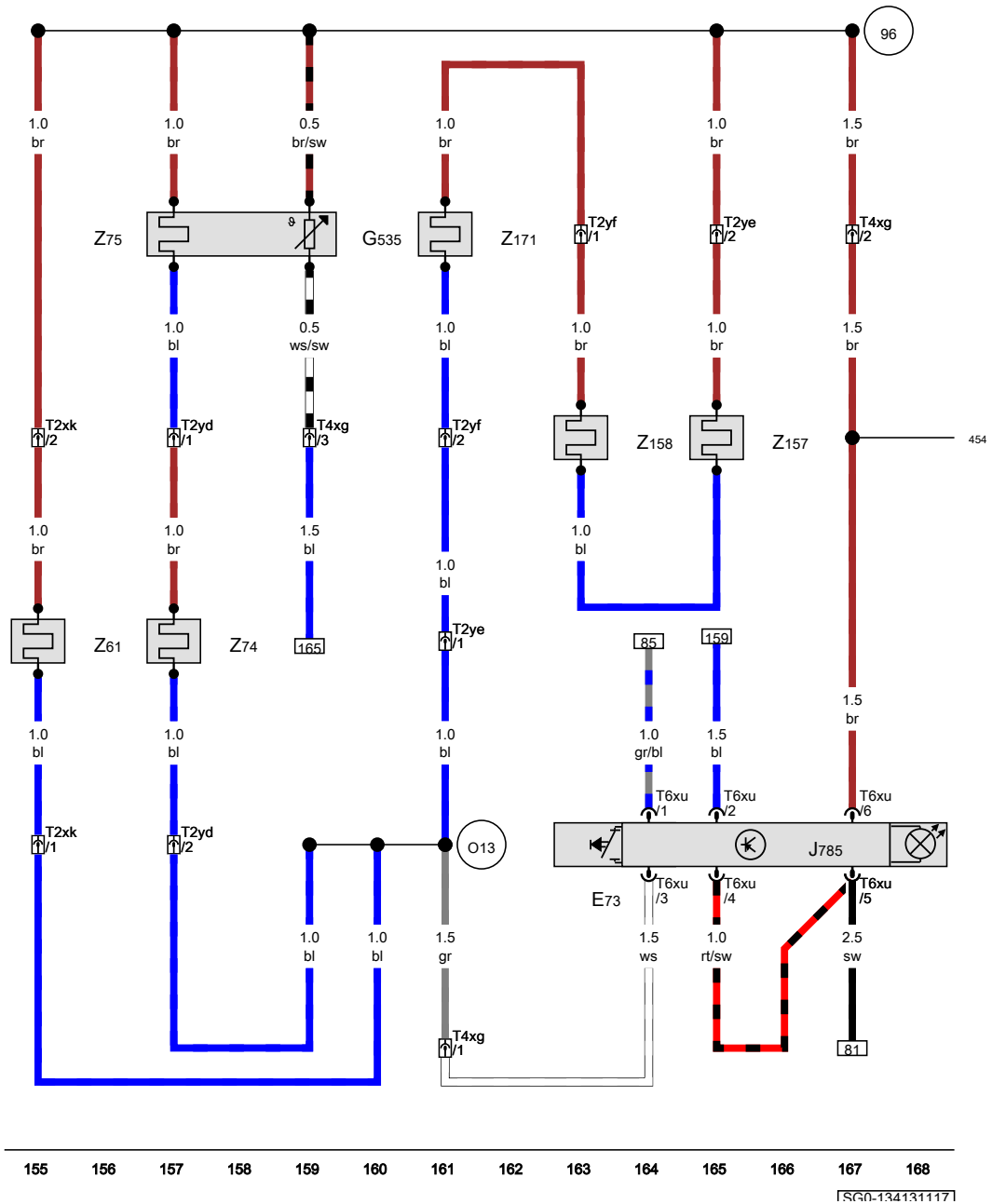

Seat heating switch, Temperature sensor for right seat, row 3, Control unit for heated right seat, row 3, Right rear seat lateral support heating, Heated backrest for right seat, row 3, Heated seat cushion for right seat, row 3, Left bolster heater for rear right seat, Right bolster heater for rear right seat, Heater element for rear right seat extension

E73	Seat heating switch
G535	Temperature sensor for right seat, row 3
J785	Control unit for heated right seat, row 3
T2xk	2-pin connector, black, in rear right seat
T2yd	2-pin connector, red, in rear right seat
T2ye	2-pin connector, green, in rear right seat
T2yf	2-pin connector, green, in rear right seat
T4xg	4-pin connector, black, under right rear seat
T6xu	6-pin connector, black
Z61	Right rear seat lateral support heating
Z74	Heated backrest for right seat, row 3
Z75	Heated seat cushion for right seat, row 3
Z157	Left bolster heater for rear right seat
Z158	Right bolster heater for rear right seat
Z171	Heater element for rear right seat extension
96	Earth connection 1, in seat heating wiring harness
454	Earth connection 4, in optional equipment wiring harness
O13	Connection 2, in seat heating wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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gn	=	green
bl	=	blue
gr	=	grey
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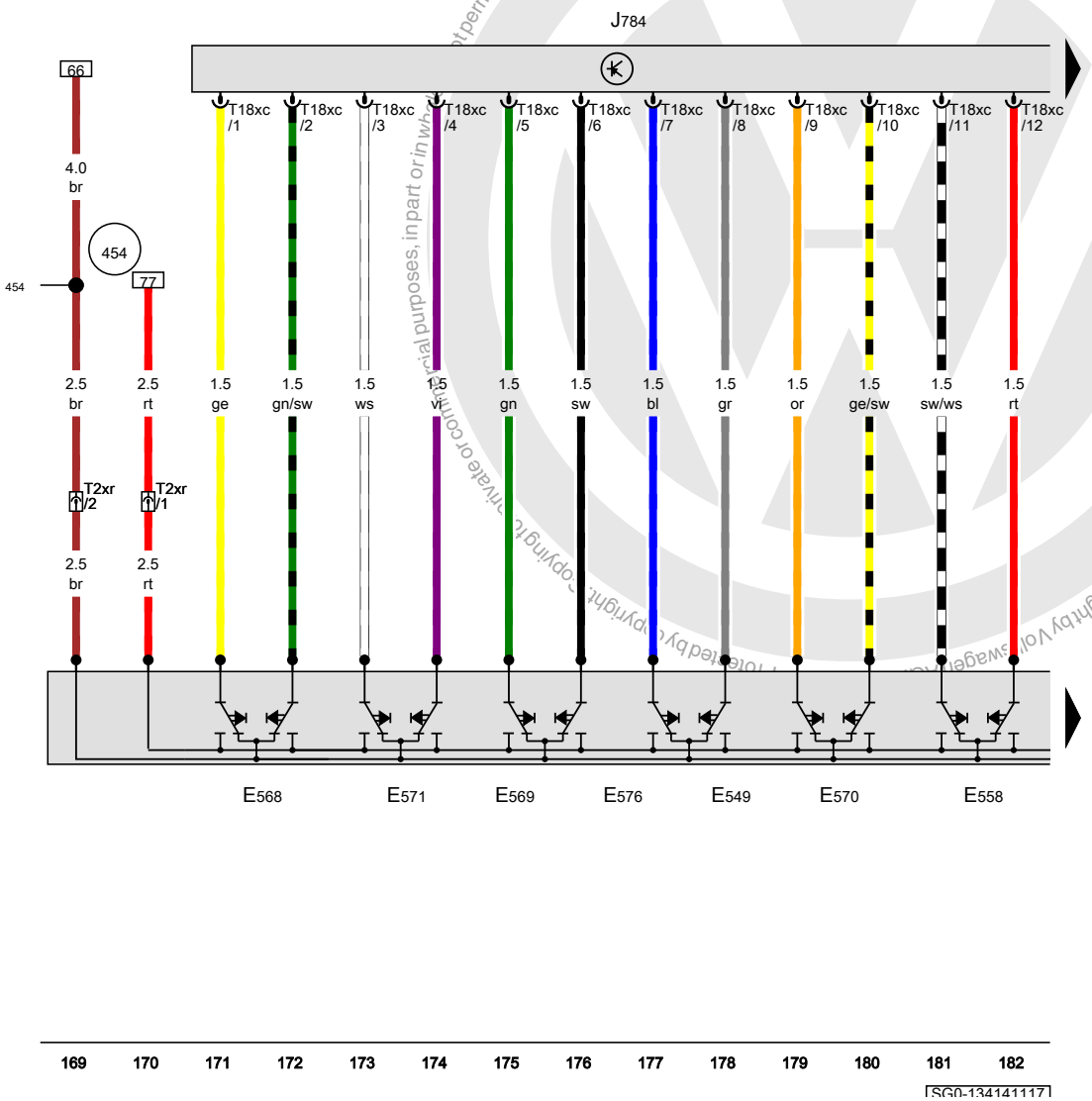

Operating unit 2 for rear seat adjustment, Control unit for right seat, row 3

E549	Right backrest adjustment button for seat, row 3
E558	Depth adjustment button for right seat, row 3
E568	Height adjustment button for front of right seat, row 3
E569	Height adjustment button for rear of right seat, row 3
E570	Head restraint adjustment button for right seat, row 3
E571	Longitudinal adjustment button for right seat, row 3
E576	Operating unit 2 for rear seat adjustment
J784	Control unit for right seat, row 3
T2xr	2-pin connector, black, under rear bench seat
T18xc	18-pin connector, white
454	Earth connection 4, in optional equipment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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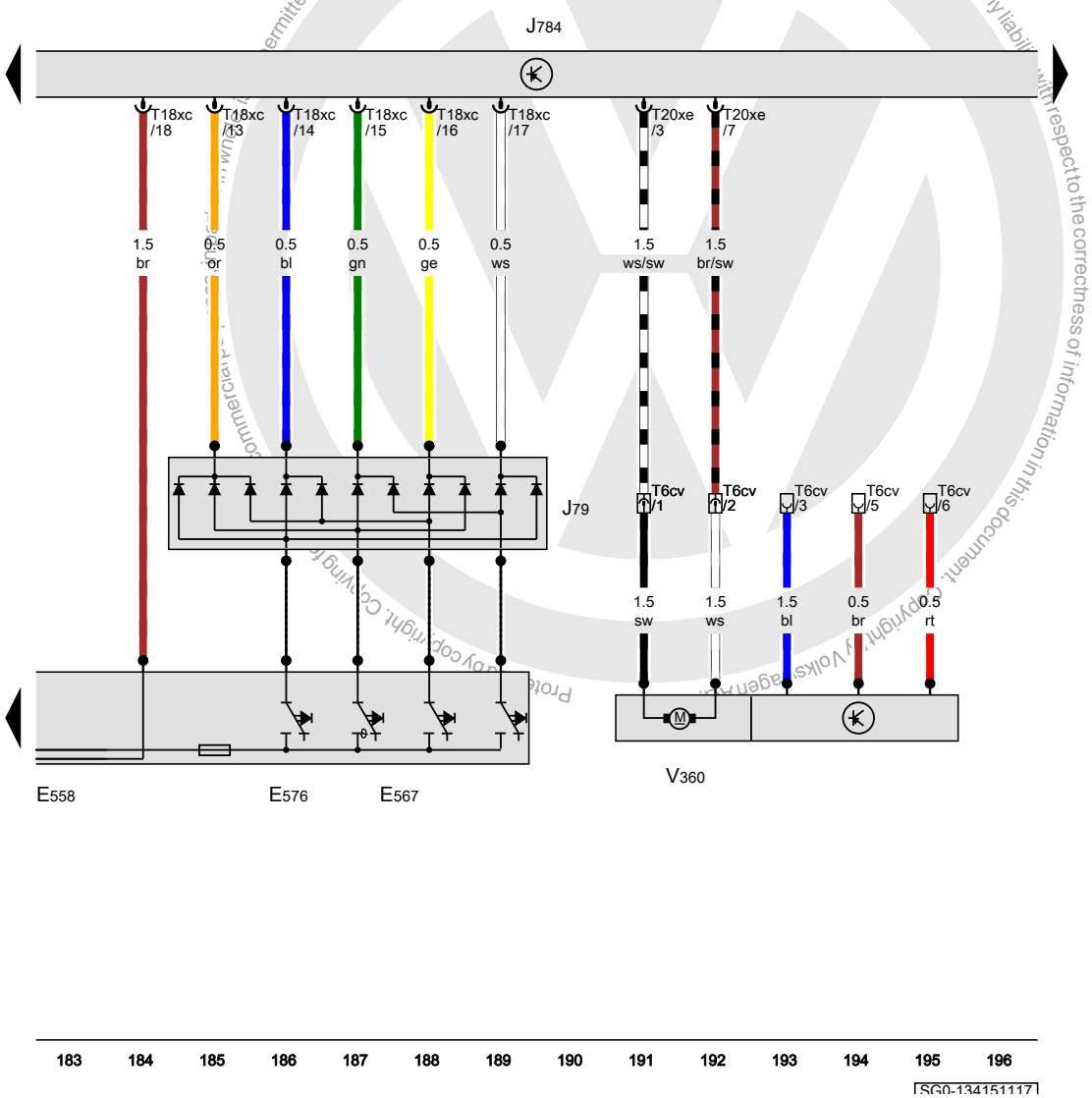
Operating unit 2 for rear seat adjustment, Diode group, Control unit for right seat, row 3, Longitudinal adjustment motor for right seat, row 3

E558	Depth adjustment button for right seat, row 3
E567	Height adjustment button for lumbar support of right seat, row 3
E576	Operating unit 2 for rear seat adjustment
J79	Diode group
J784	Control unit for right seat, row 3
T6cv	6-pin connector, black, under rear bench seat
T18xc	18-pin connector, white
T20xe	20-pin connector, white
V360	Longitudinal adjustment motor for right seat, row 3



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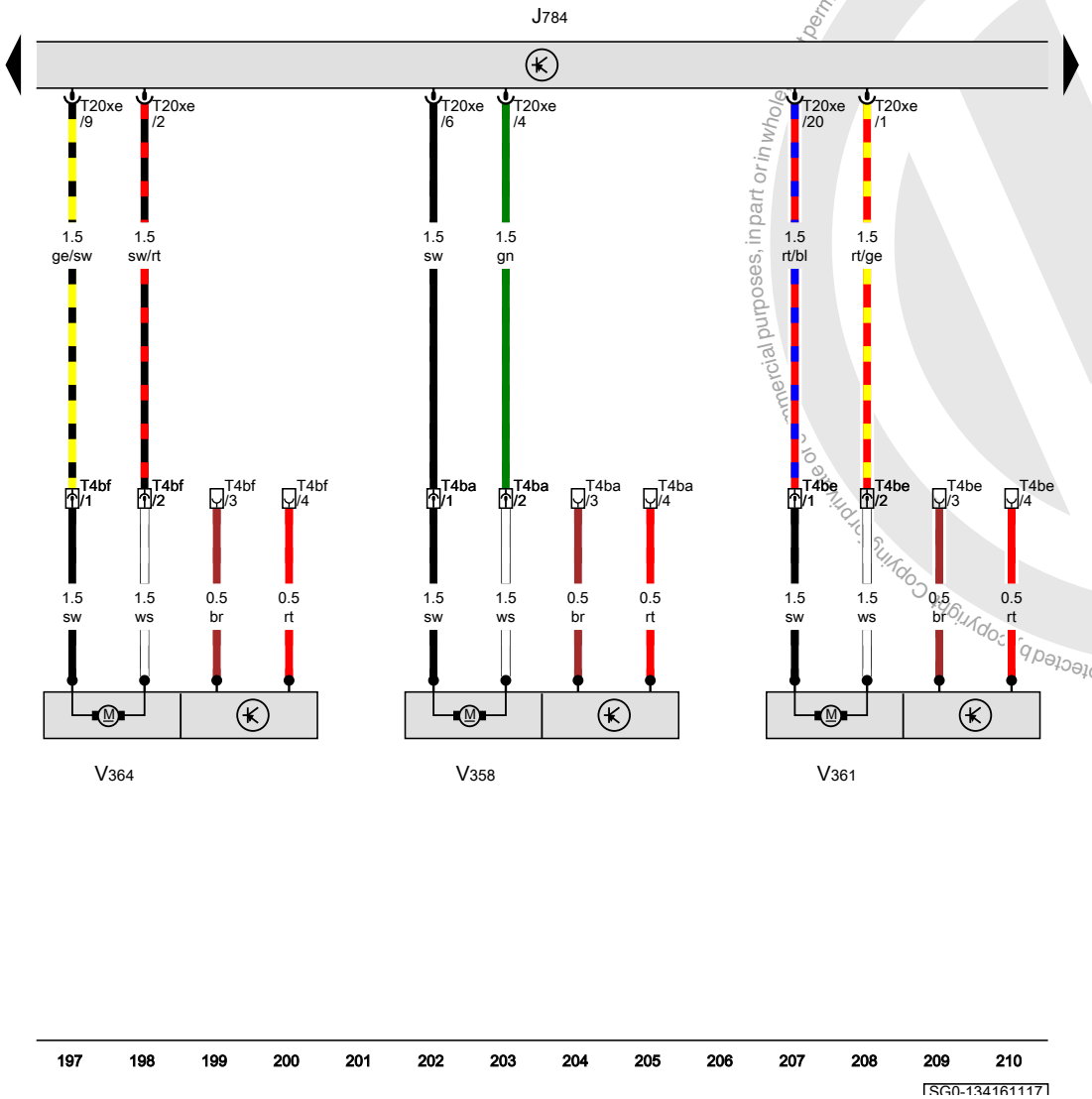
Control unit for right seat, row 3, Height adjustment motor 1 for right seat, row 3, Backrest adjustment motor for right seat, row 3, Height adjustment motor 2 for right seat, row 3

J784	Control unit for right seat, row 3
T4ba	4-pin connector, black, under rear bench seat
T4be	4-pin connector, black, in seat
T4bf	4-pin connector, white, under rear bench seat
T20xe	20-pin connector, white
V358	Height adjustment motor 1 for right seat, row 3
V361	Backrest adjustment motor for right seat, row 3
V364	Height adjustment motor 2 for right seat, row 3



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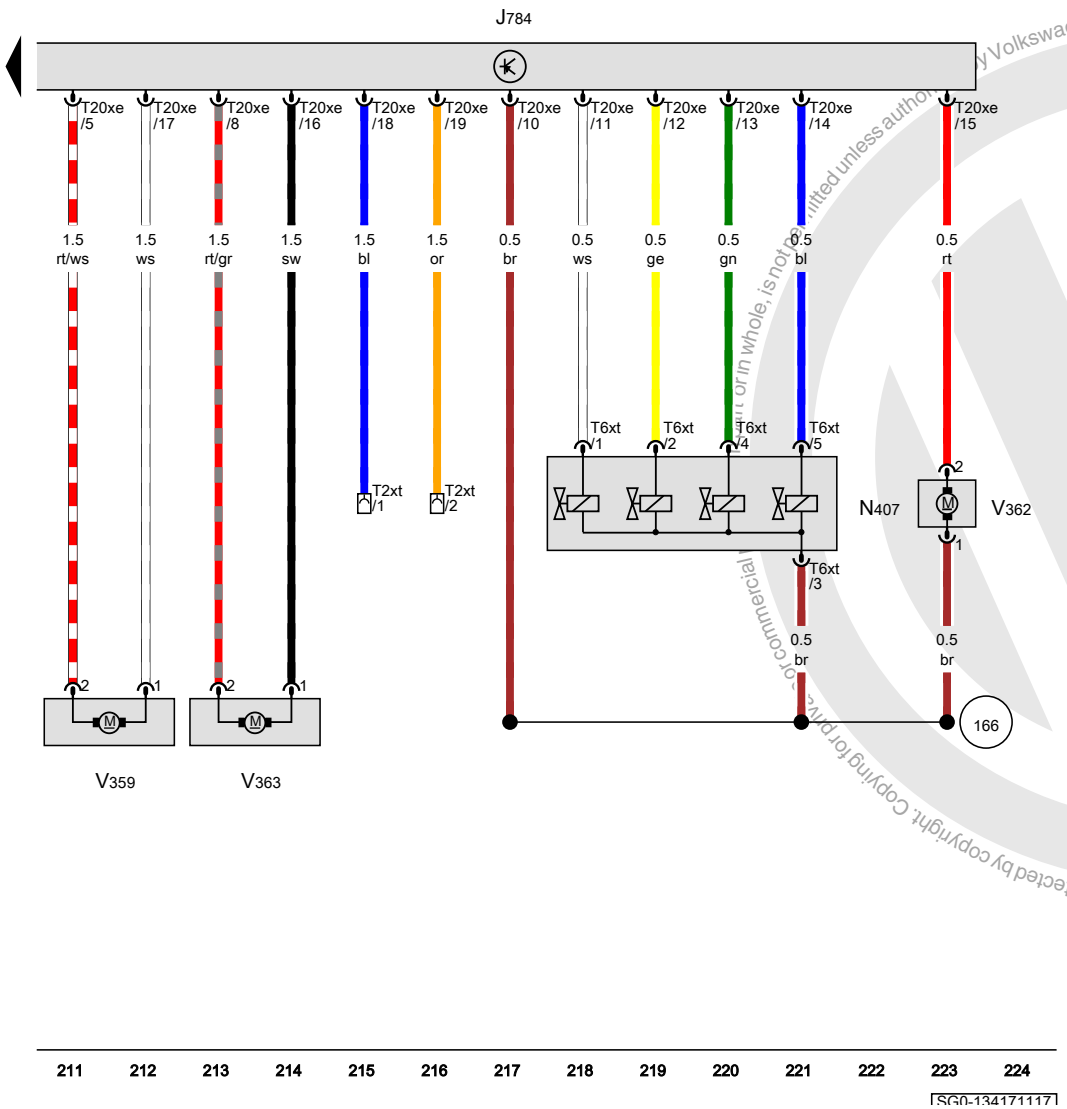
Control unit for right seat, row 3, Valve block for lumbar support adjustment for right seat, row 3, Head restraint adjustment motor for right seat, row 3, Lumbar support adjustment pump for right seat, row 3, Depth adjustment motor for right seat, row 3

J784	Control unit for right seat, row 3
N407	Valve block for lumbar support adjustment for right seat, row 3
T2xt	2-pin connector, black, under rear bench seat
T6xt	6-pin connector, black
T20xe	20-pin connector, white
V359	Head restraint adjustment motor for right seat, row 3
V362	Lumbar support adjustment pump for right seat, row 3
V363	Depth adjustment motor for right seat, row 3
166	Earth connection 2, in rear seat adjustment wiring harness



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Electric folding table , (Business)

From June 2015

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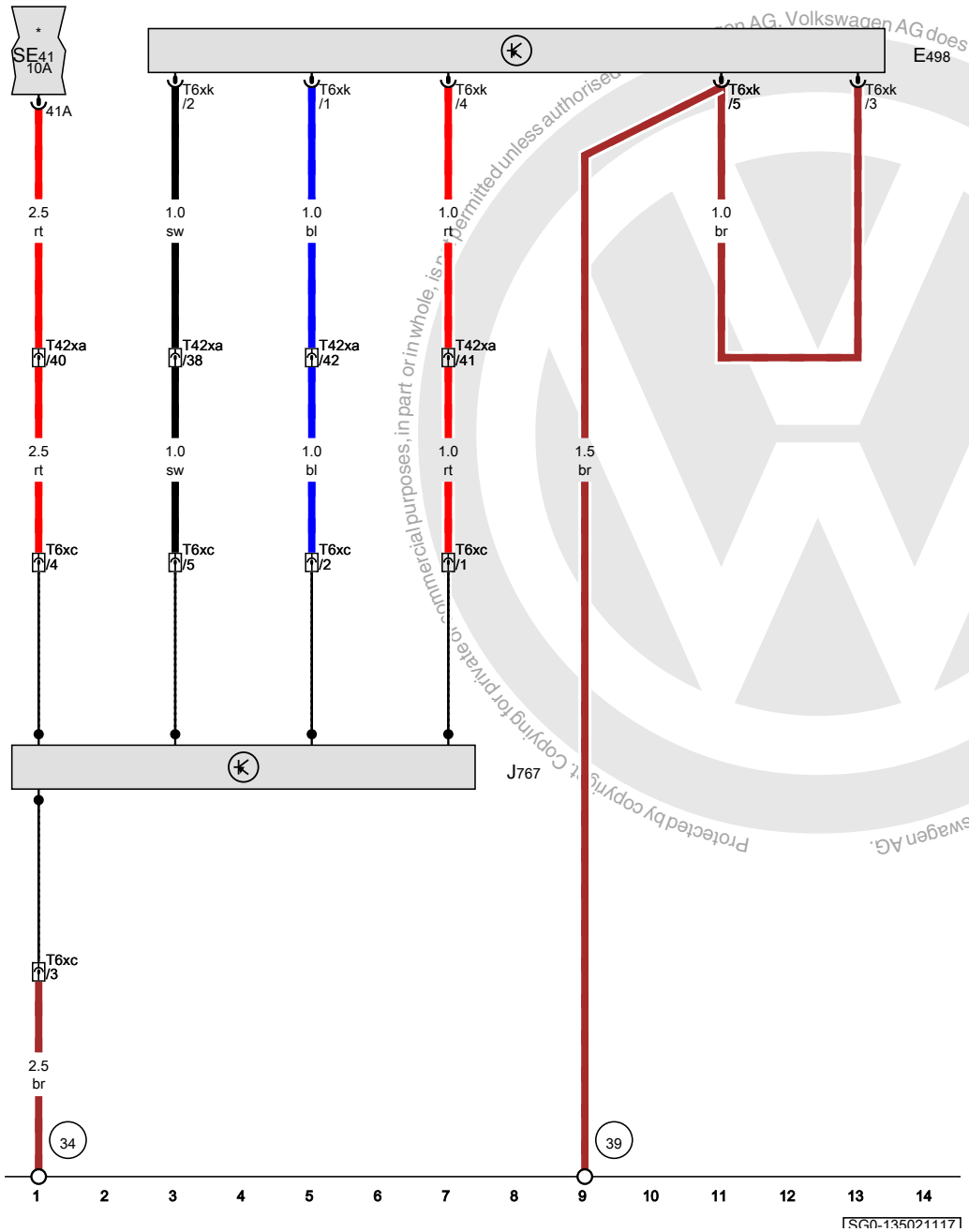
Electric folding table button 1, Folding table control unit, Fuse 41 on fuse holder E



E498	Electric folding table button 1, in rear seat, middle part, near refrigerator box
J767	Folding table control unit, near folding table
SE41	Fuse 41 on fuse holder E
T6xc	6-pin connector, black, near folding table
T6xk	6-pin connector, black
T42xa	42-pin connector, black, under rear bench seat
34	Earth point, under driver seat
39	Earth point, on left under rear seat
*	see applicable current flow diagram for rear seats

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Mobile telephone , (Business)

From June 2015

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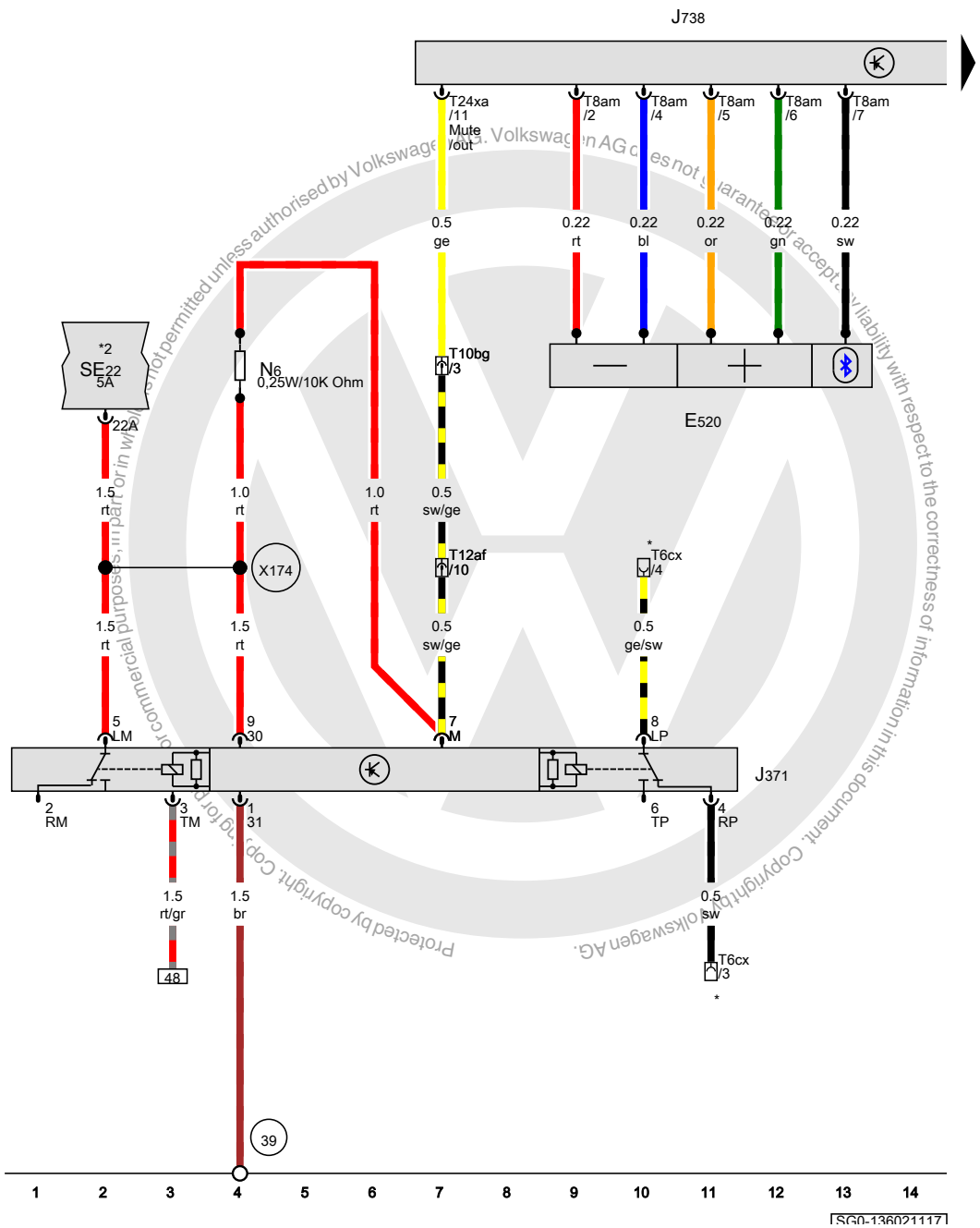

Connection to telephone services button, Telephone isolation relay, Telephone controls control unit, Series resistor, Fuse 22 on fuse holder E

E520	Connection to telephone services button
J371	Telephone isolation relay, under left rear seat
J738	Telephone controls control unit
N6	Series resistor
SE22	Fuse 22 on fuse holder E
T6cx	6-pin connector, black, under left rear seat
T8am	8-pin connector, transparent, on right C-pillar
T10bg	10-pin connector, black, behind right C-pillar trim
T12af	12-pin connector, black, under right rear seat
T24xa	24-pin connector, black
39	Earth point, on left under rear seat
X174	Positive connection 8 (30), in optional equipment wiring harness
*	Wiring open end
*2	see applicable current flow diagram for rear seats

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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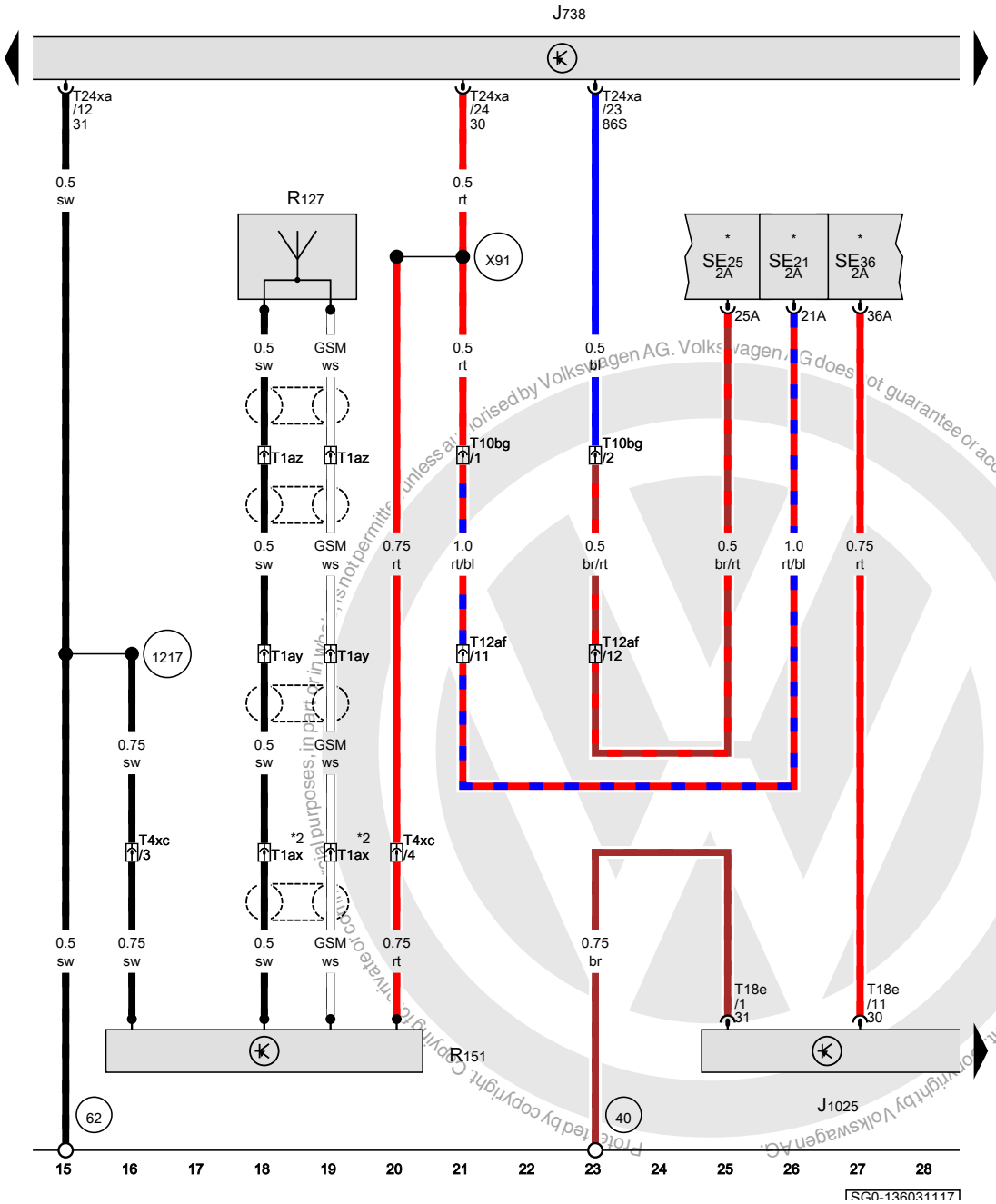

Telephone controls control unit, Hands-free system control unit, Telephone aerial 2, Fuse 21 on fuse holder E, Fuse 25 on fuse holder E, Fuse 36 on fuse holder E

J738	Telephone controls control unit
J1025	Hands-free system control unit, under right rear seat
R127	Telephone aerial 2, in rear part of roof
R151	Rear charger unit for telephone, near right C-pillar
SE21	Fuse 21 on fuse holder E
SE25	Fuse 25 on fuse holder E
SE36	Fuse 36 on fuse holder E
T1ax	1-pin connector, dark green, near telephone bracket
T1ay	1-pin connector, dark green, behind right C-pillar trim
T1az	1-pin connector, dark green, under roof trim, near roof aerial, rear
T4xc	4-pin connector, white, behind side trim, near right C-pillar
T10bg	10-pin connector, black, behind right C-pillar trim
T12af	12-pin connector, black, under right rear seat
T18e	18-pin connector, black
T24xa	24-pin connector, black
40	Earth point, under rear right seat
62	Earth point, right C-pillar
1217	Earth connection 7, in optional equipment wiring harness
X91	Connection 1 (communication), in optional equipment wiring harness
*	see applicable current flow diagram for rear seats
*2	Screw connection possible

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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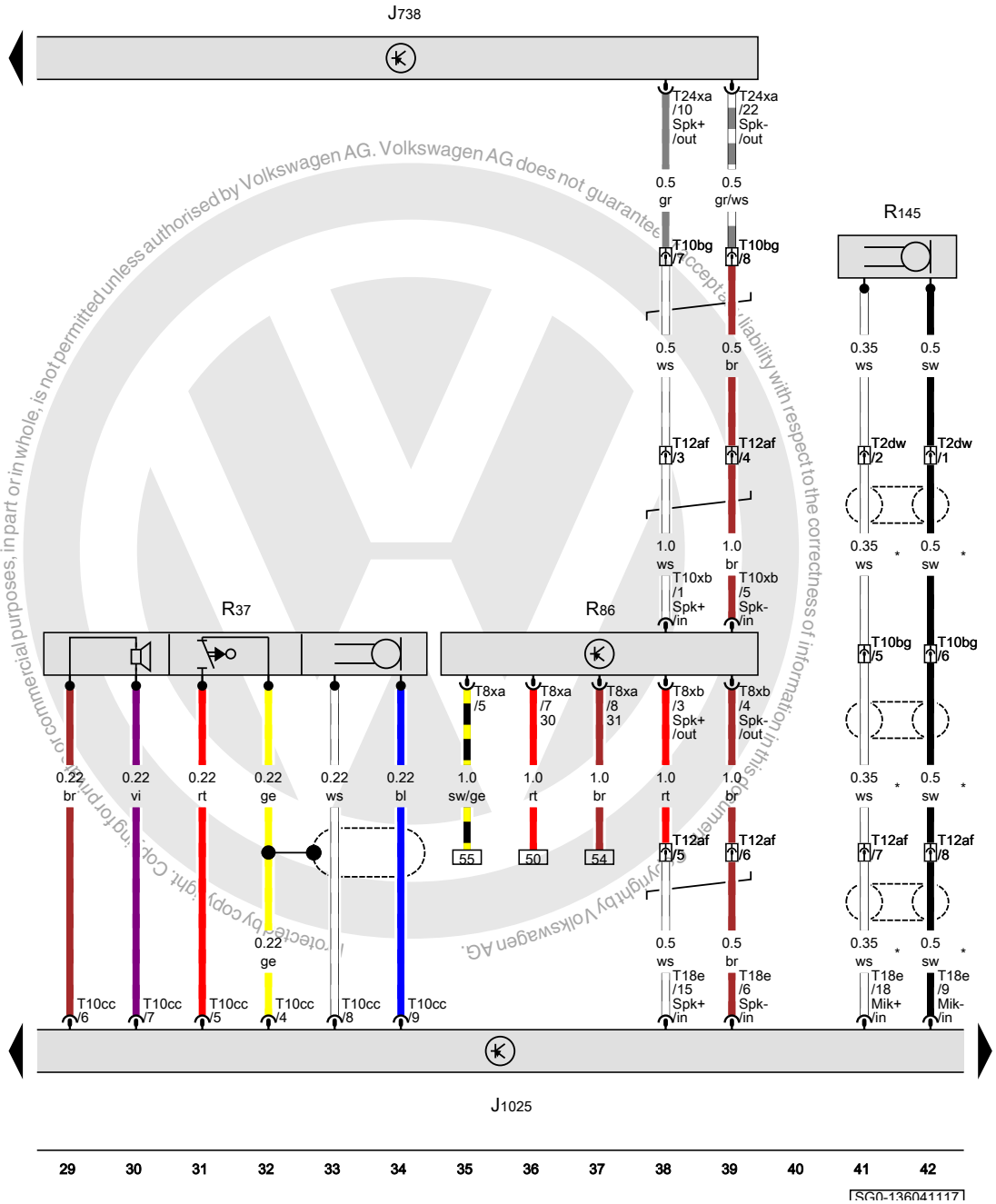

Telephone controls control unit, Hands-free system control unit, Telephone handset, Rear right microphone

J738	Telephone controls control unit
J1025	Hands-free system control unit, under right rear seat
R37	Telephone handset
R86	Aerial amplifier for mobile telephone, under front passenger seat
R145	Rear right microphone
T2dw	2-pin connector, black, behind moulded headliner
T8xa	8-pin connector, grey
T8xb	8-pin connector, brown
T10bg	10-pin connector, black, behind right C-pillar trim
T10cc	10-pin connector, transparent
T10xb	10-pin connector, pink
T12af	12-pin connector, black, under right rear seat
T18e	18-pin connector, black
T24xa	24-pin connector, black
*	Sheathed cable, black

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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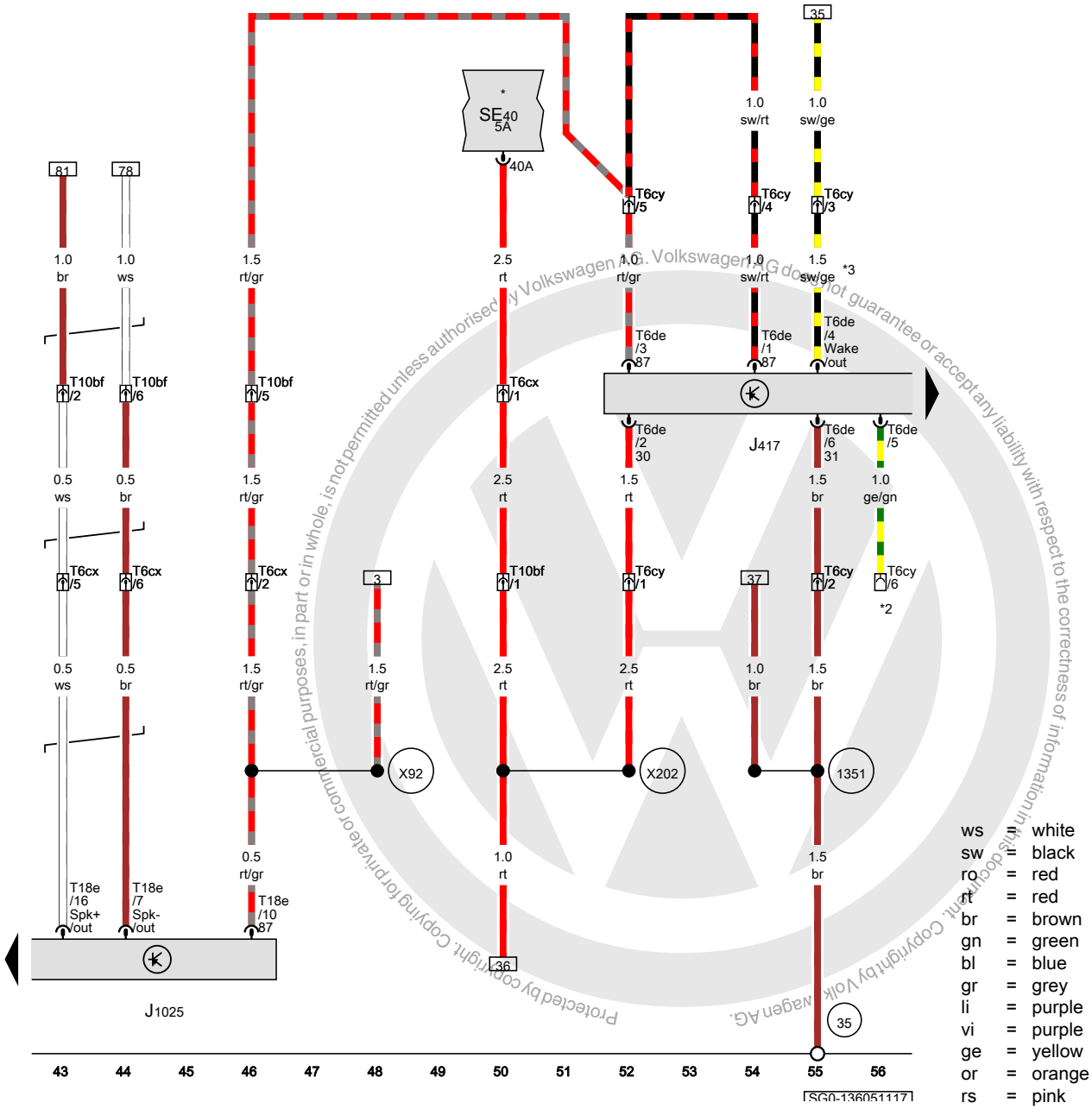
Radio and telephone loudspeaker switch-over relay, Hands-free system control unit, Fuse 40 on fuse holder E



ws	=	white
sw	=	black
ro	=	red
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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

J417	Radio and telephone loudspeaker switch-over relay, under seat on front right
J1025	Hands-free system control unit, under right rear seat
SE40	Fuse 40 on fuse holder E
T6cx	6-pin connector, black, under left rear seat
T6cy	6-pin connector, black, under seat on front right
T6de	6-pin connector, white
T10bf	10-pin connector, yellow, under seat on front right
T18e	18-pin connector, black
35	Earth point, under front passenger seat
1351	Earth connection 9, in optional equipment wiring harness
X92	Connection 2 (communication), in optional equipment wiring harness
X202	Connection 9, in optional equipment wiring harness
*	see applicable current flow diagram for rear seats
*2	Wiring open end
*3	Wake-up wire

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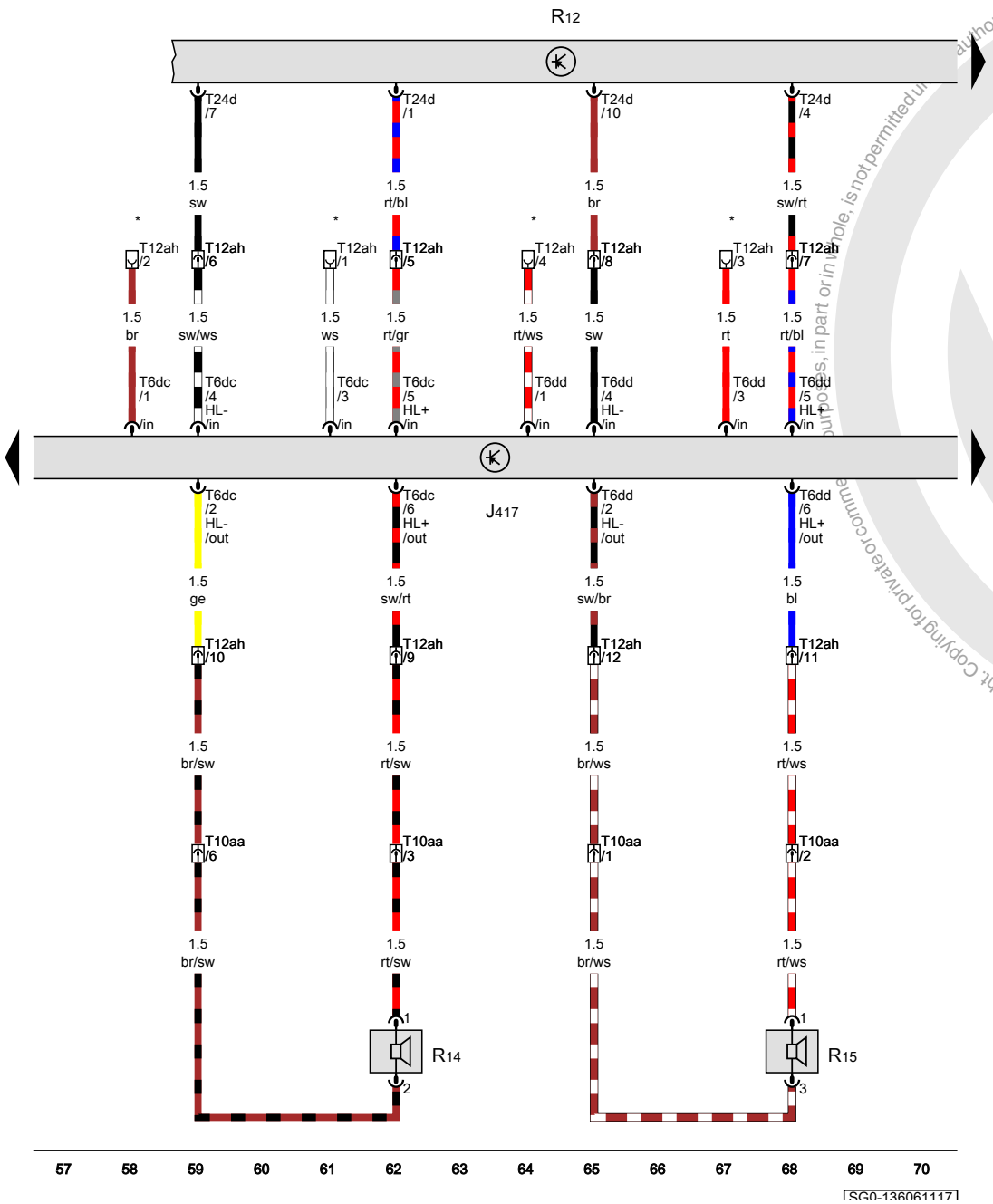
Radio and telephone loudspeaker switch-over relay, Amplifier, Rear left treble loudspeaker, Rear left bass loudspeaker

J417	Radio and telephone loudspeaker switch-over relay, under seat on front right
R12	Amplifier
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
T6dc	6-pin connector, white
T6dd	6-pin connector, white
T10aa	10-pin connector, dark brown, under seat on front left
T12ah	12-pin connector, black, under seat on front right
T24d	24-pin connector, grey
*	Wiring open end



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink

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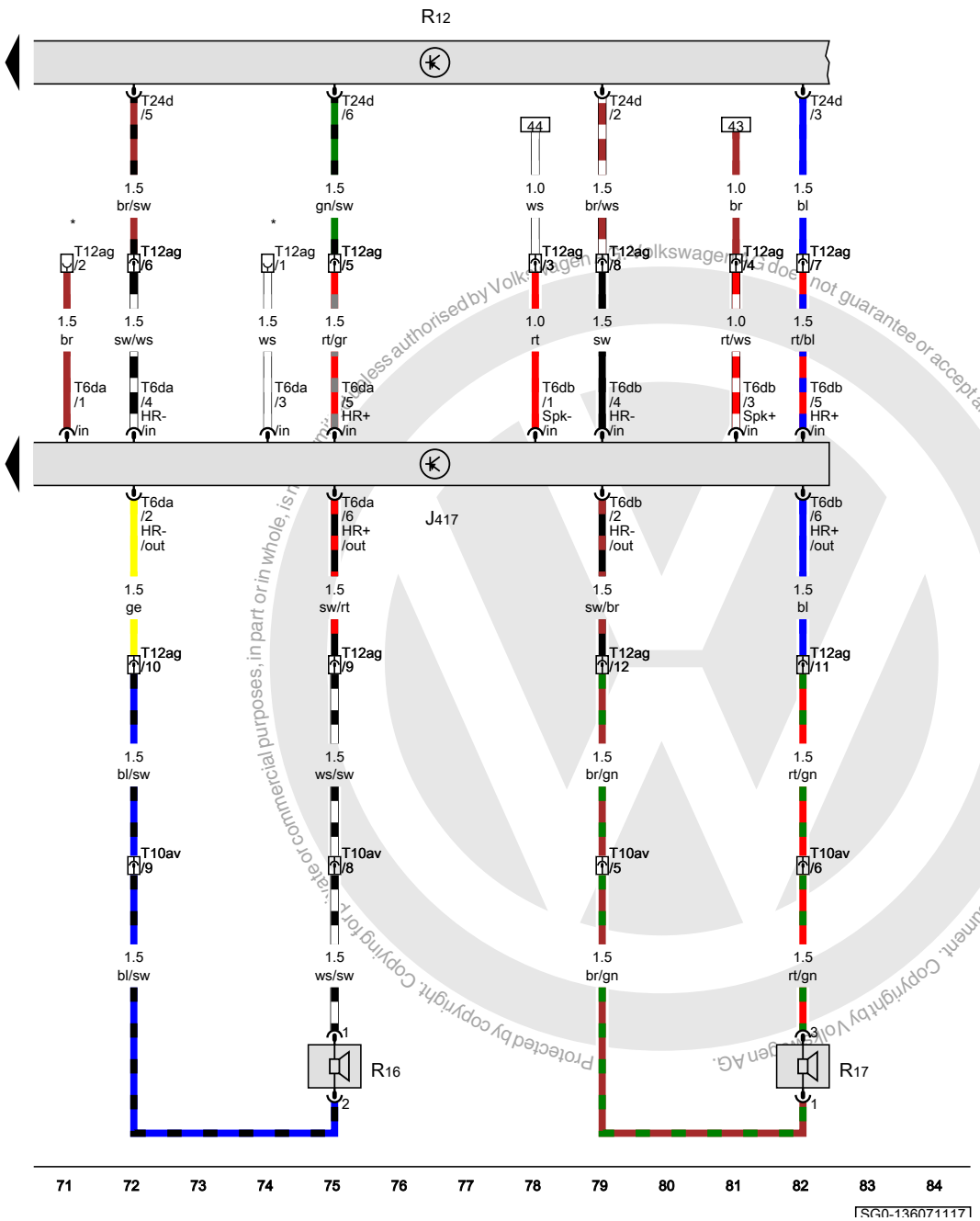

Radio and telephone loudspeaker switch-over relay, Amplifier, Rear right treble loudspeaker, Rear right bass loudspeaker

J417	Radio and telephone loudspeaker switch-over relay, under seat on front right
R12	Amplifier
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
T6da	6-pin connector, white
T6db	6-pin connector, white
T10av	10-pin connector, brown, under seat on front right
T12ag	12-pin connector, black, under seat on front right
T24d	24-pin connector, grey
*	Wiring open end

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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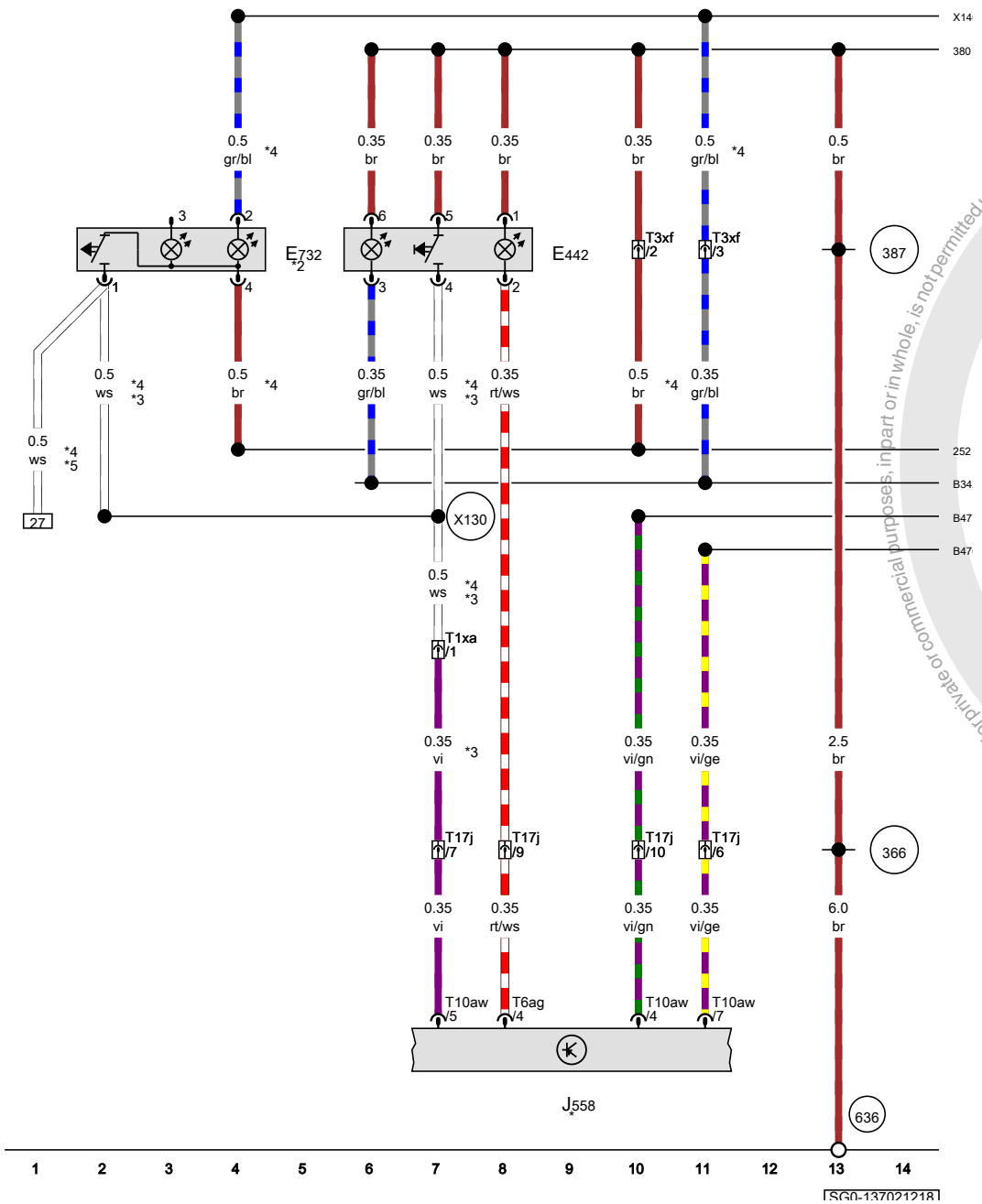
Electric sliding door with power latching system , (Business)

From June 2015



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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Sliding door button, Left sliding door button 2, Left sliding door control unit

E442	Sliding door button
E732	Left sliding door button 2, on left C-pillar
J558	Left sliding door control unit
T1xa	1-pin connector, black, in centre of dash panel
T3xf	3-pin connector, black, in centre of dash panel
T6ag	6-pin connector, black
T10aw	10-pin connector, black
T17j	17-pin connector, white, under seat on front left
252	Earth connection, in optional equipment wiring harness
366	Earth connection 1, in main wiring harness
380	Earth connection 15, in main wiring harness
387	Earth connection 22, in main wiring harness
636	Earth point, onboard supply control unit
B342	Connection 3 (58d), in main wiring harness
B476	Connection 12, in main wiring harness
B477	Connection 13, in main wiring harness
X130	Connection 3, in optional equipment wiring harness
X146	Connection 8, in optional equipment wiring harness
*	see applicable current flow diagram for electric sliding door
*2	Special equipment
*3	For models with left sliding door
*4	Adapter wire
*5	For models with right sliding door

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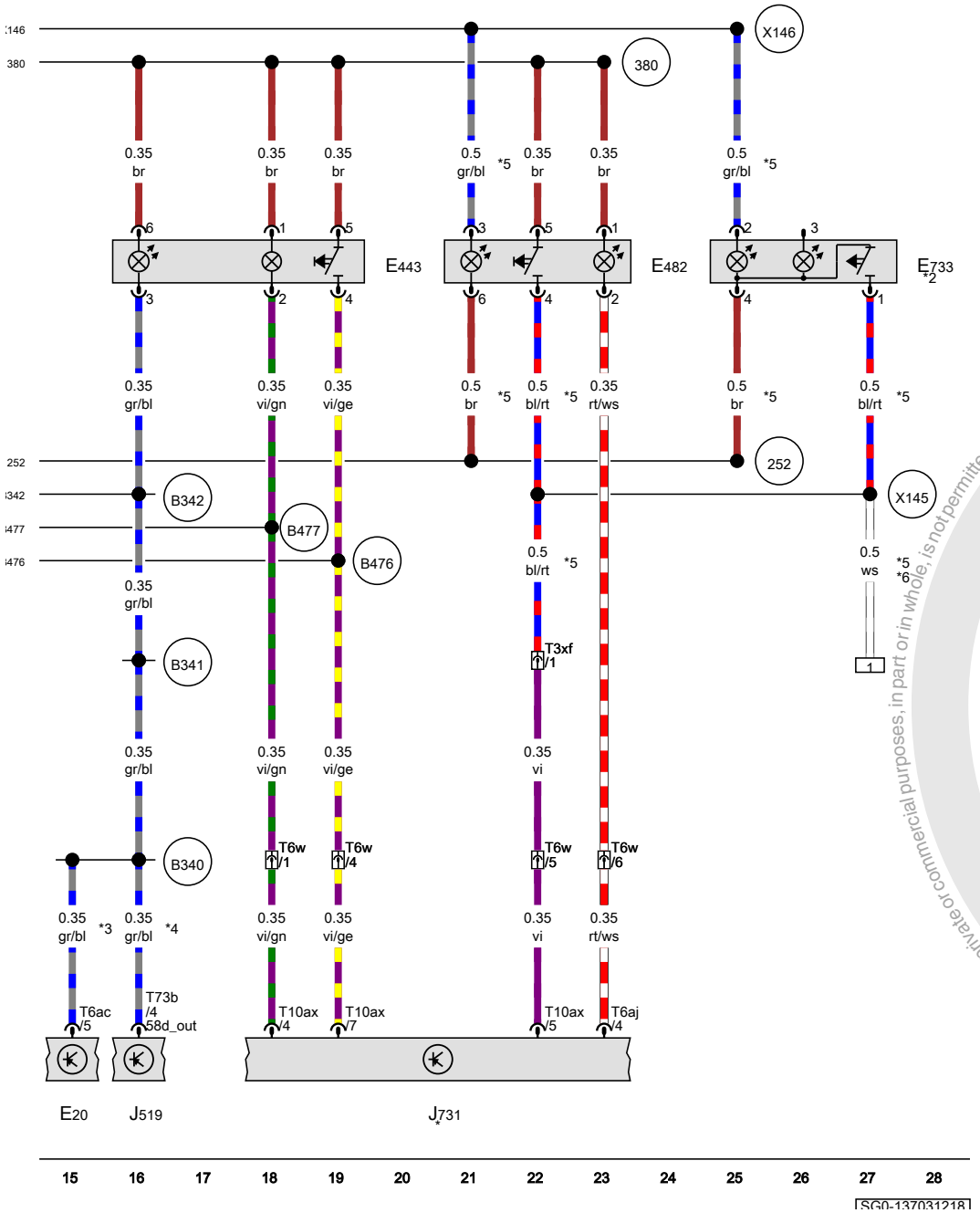

Switch and instrument illumination regulator, Button to deactivate sliding door, Right sliding door button, Right sliding door button 2, Onboard supply control unit, Right sliding door control unit

E20	Switch and instrument illumination regulator
E443	Button to deactivate sliding door
E482	Right sliding door button
E733	Right sliding door button 2, on right C-pillar
J519	Onboard supply control unit
J731	Right sliding door control unit
T3xf	3-pin connector, black, in centre of dash panel
T6ac	6-pin connector, black
T6aj	6-pin connector, black
T6w	6-pin connector, light pink, under seat on front right
T10ax	10-pin connector, black
T73b	73-pin connector, white
252	Earth connection, in optional equipment wiring harness
380	Earth connection 15, in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B342	Connection 3 (58d), in main wiring harness
B476	Connection 12, in main wiring harness
B477	Connection 13, in main wiring harness
X145	Connection 7, in optional equipment wiring harness
X146	Connection 8, in optional equipment wiring harness
*	see applicable current flow diagram for electric sliding door
*2	Special equipment
*3	For models with dimmable instrument illumination
*4	For models with no dimmable instrument illumination
*5	Adapter wire
*6	For models with right sliding door

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Reading lights for seat row 3 , (Business)

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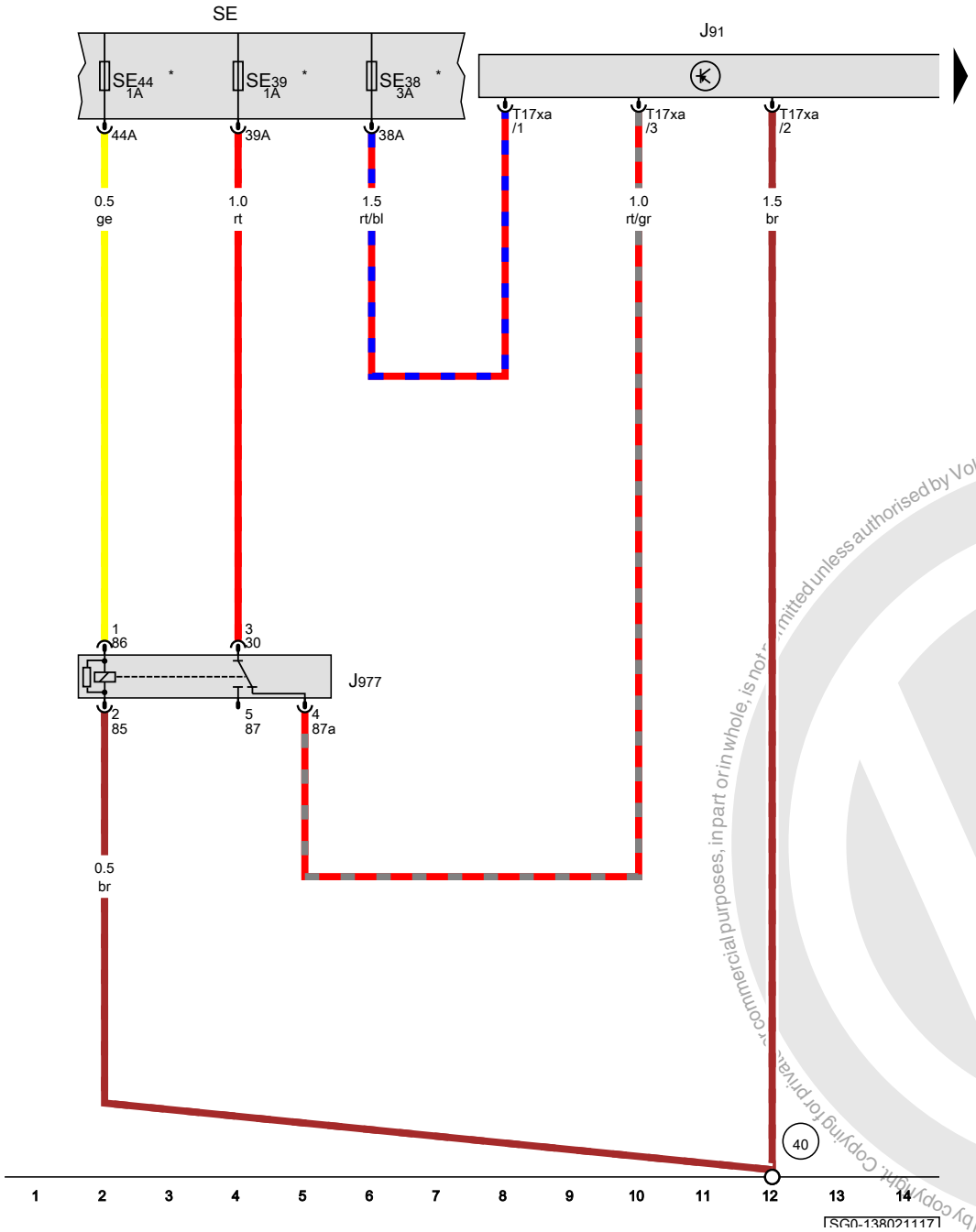
Reading light relay, Terminal 30 relay, Fuse holder E

J91	Reading light relay, near to rear seat, bottom, right
J977	Terminal 30 relay, near rear left seat
SE	Fuse holder E
SE38	Fuse 38 on fuse holder E
SE39	Fuse 39 on fuse holder E
SE44	Fuse 44 on fuse holder E
T17xa	17-pin connector, black
40	Earth point, under rear right seat
*	see applicable current flow diagram for rear seats



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
or	=	orange
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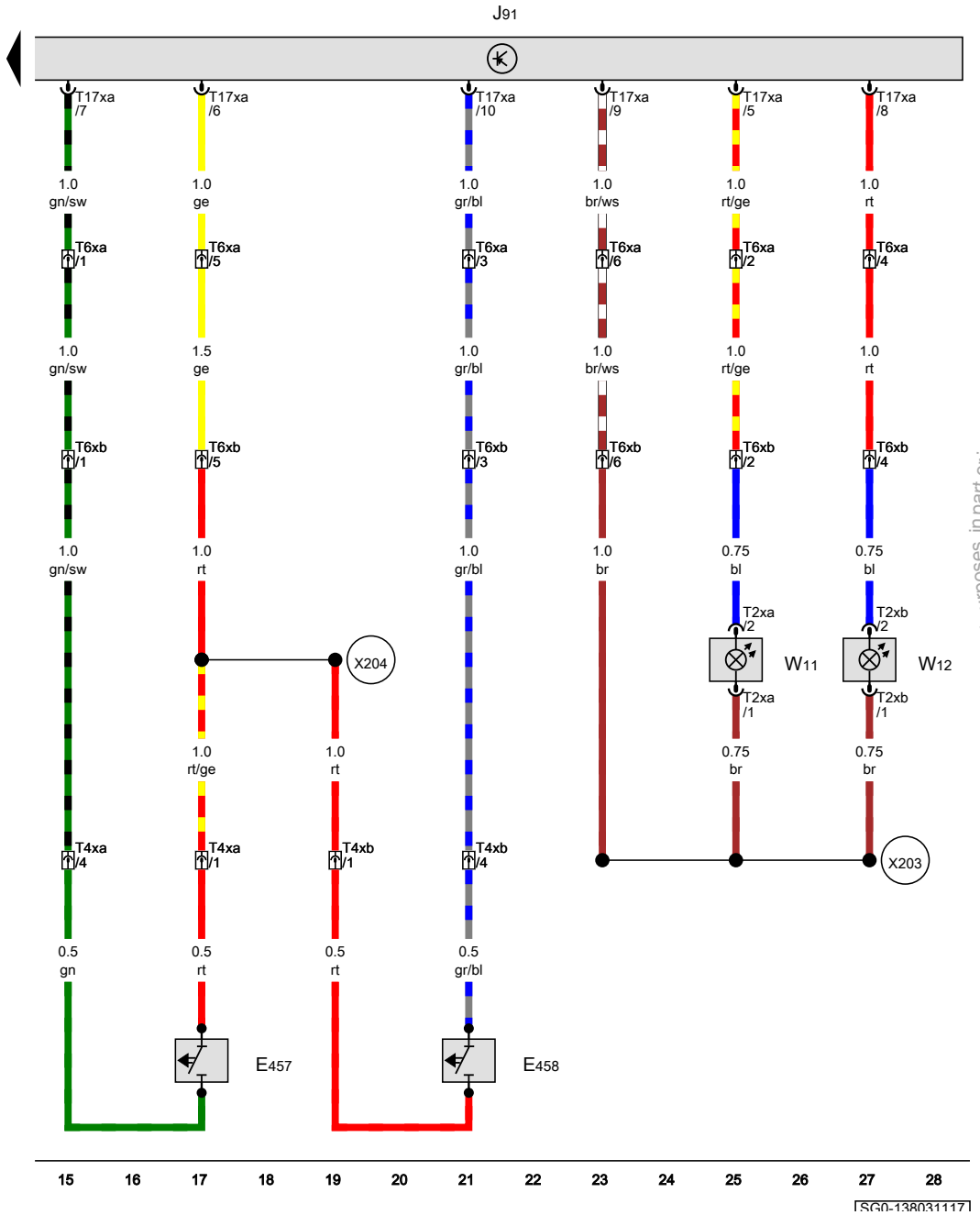

Driver side reading light button, Front passenger side reading light button, Reading light relay, Rear left reading light, Rear right reading light

E457	Driver side reading light button, near left C-pillar
E458	Front passenger side reading light button, near right C-pillar
J91	Reading light relay, near to rear seat, bottom, right
T2xa	2-pin connector, black
T2xb	2-pin connector, black
T4xa	4-pin connector, black, near left C-pillar
T4xb	4-pin connector, black, near right C-pillar
T6xa	6-pin connector, black, near to rear seat, bottom, left
T6xb	6-pin connector, black, near left D-pillar
T17xa	17-pin connector, black
W11	Rear left reading light, in roof, near to rear seat
W12	Rear right reading light, in rear part of roof, near to rear seat
X203	Connection 10, in optional equipment wiring harness
X204	Connection 11, in optional equipment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Rear Seat Entertainment (RSE) , (15.4 Zoll),(3JA)

From January 2017

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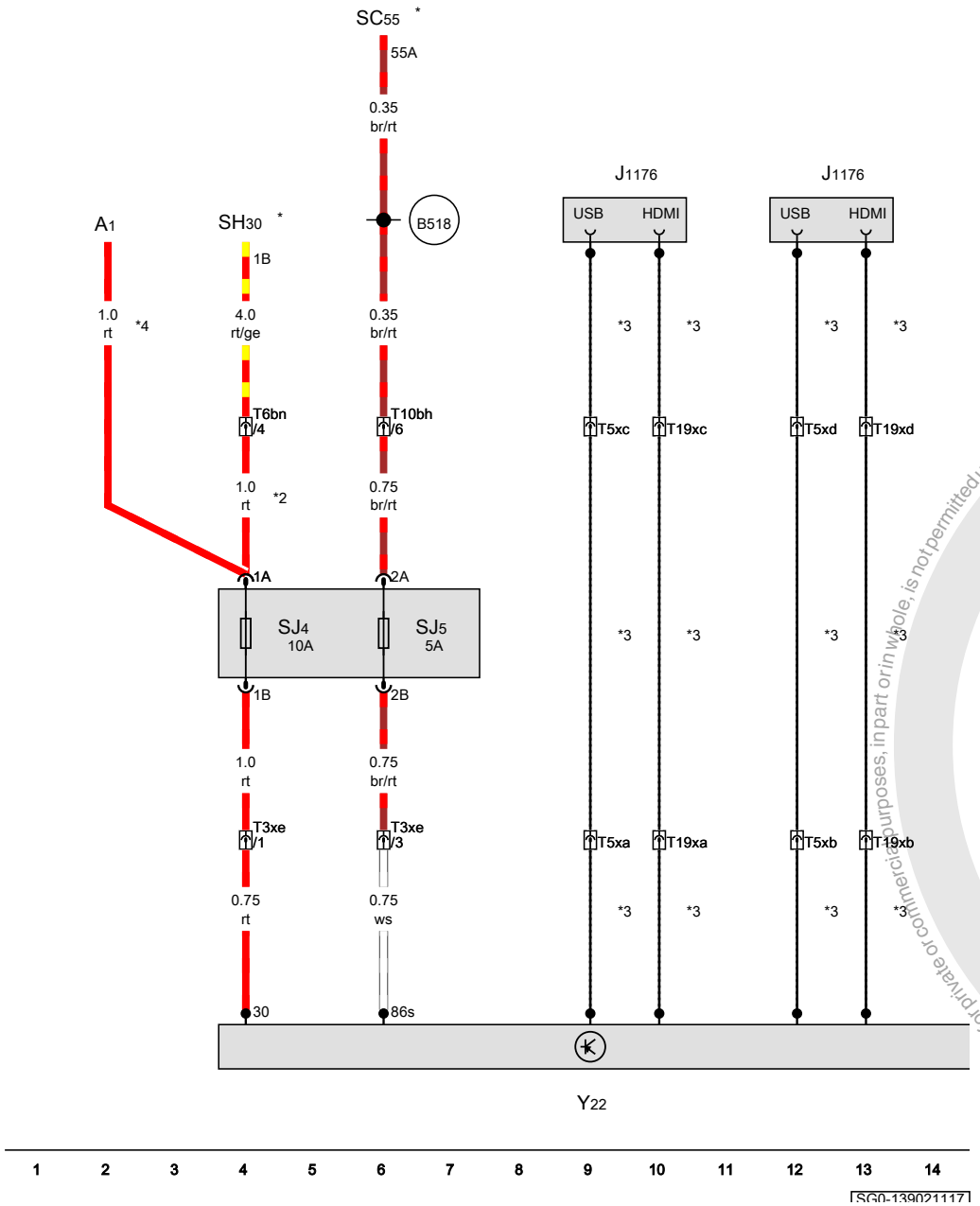
Second battery, Interface for multimedia systems, Fuse 4 on fuse holder J, Fuse 5 on fuse holder J, Fuse 30 in fuse holder H, Fuse 55 on fuse holder C, Multimedia system display unit 1



A1	Second battery
J1176	Interface for multimedia systems
SJ4	Fuse 4 on fuse holder J
SJ5	Fuse 5 on fuse holder J
SH30	Fuse 30 in fuse holder H
SC55	Fuse 55 on fuse holder C
T3xe	3-pin connector, black, on multimedia system display unit
T5xa	5-pin connector, black, on multimedia system display unit
T5xb	5-pin connector, black, on multimedia system display unit
T5xc	5-pin connector, black, under seat on front right
T5xd	5-pin connector, black, on right C-pillar, bottom
T6bn	6-pin connector, grey, under seat on front left
T10bh	10-pin connector, purple, under seat on front left
T19xa	19-pin connector, black, on multimedia system display unit
T19xb	19-pin connector, black, on multimedia system display unit
T19xc	19-pin connector, black, under seat on front right
T19xd	19-pin connector, black, on right C-pillar, bottom
Y22	Multimedia system display unit 1
B518	Connection (86s), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with no second battery
*3	Sheathed cable, black
*4	For models with second battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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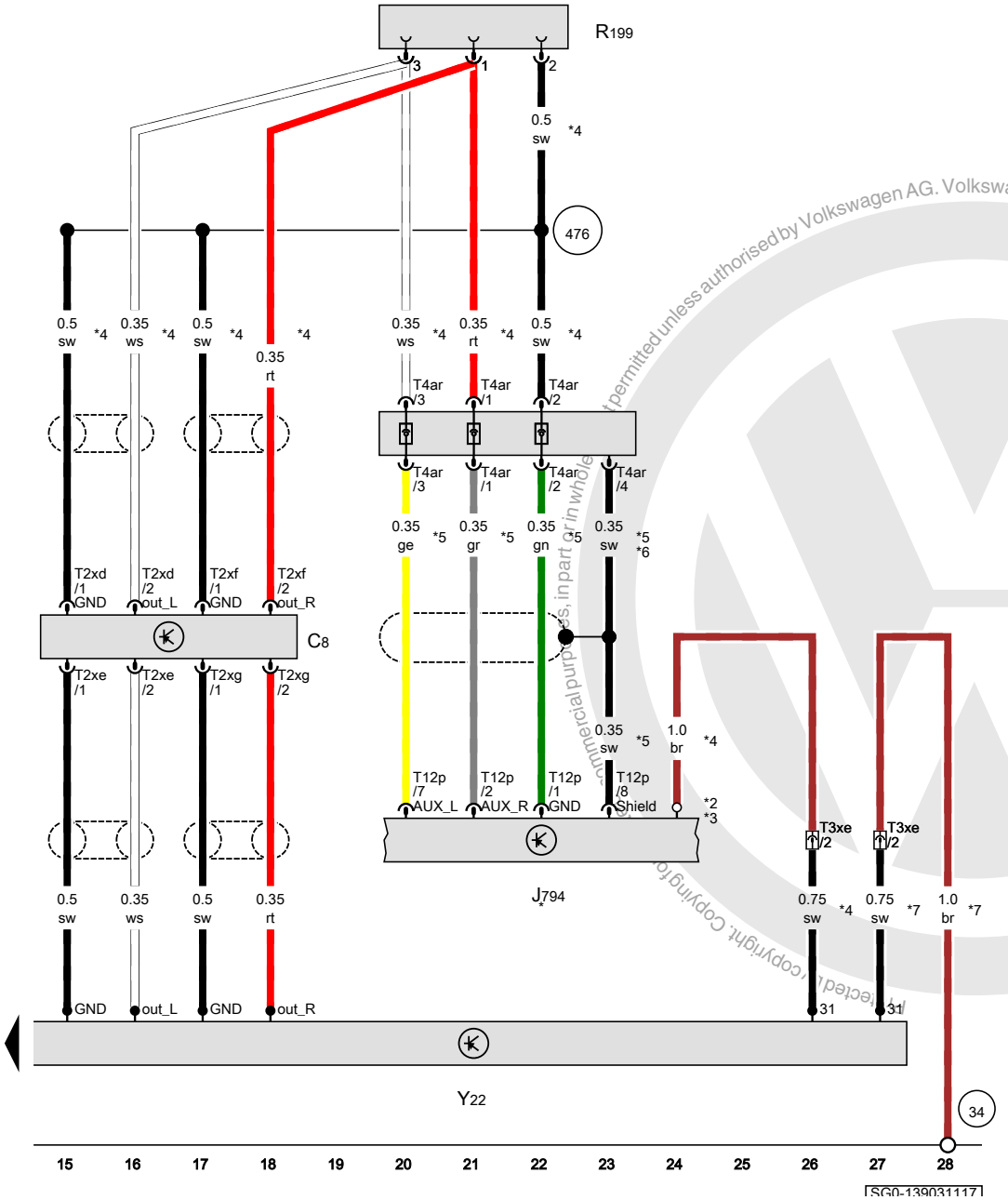
Main suppression filter, Control unit 1 for information electronics, Connection for external audio sources, Multimedia system display unit 1



C8	Main suppression filter, on multimedia system display unit
J794	Control unit 1 for information electronics
R199	Connection for external audio sources, in glove compartment
T2xd	2-pin connector, white
T2xe	2-pin connector, white
T2xf	2-pin connector, red
T2xg	2-pin connector, red
T3xe	3-pin connector, black, on multimedia system display unit
T4ar	4-pin connector, black, in glove compartment
T12p	12-pin connector, green
Y22	Multimedia system display unit 1
34	Earth point, under driver seat
476	Earth connection in audio wiring harness
*	see applicable current flow diagram for radio system
*2	Screw connection possible
*3	Earth supply via housing
*4	Special equipment
*5	For models with multimedia socket for external audio source
*6	From June 2016
*7	For models with "Standard Audio"

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Rear Seat Entertainment (RSE) , (15.4 Zoll),(3JB),(3JQ)

From January 2017

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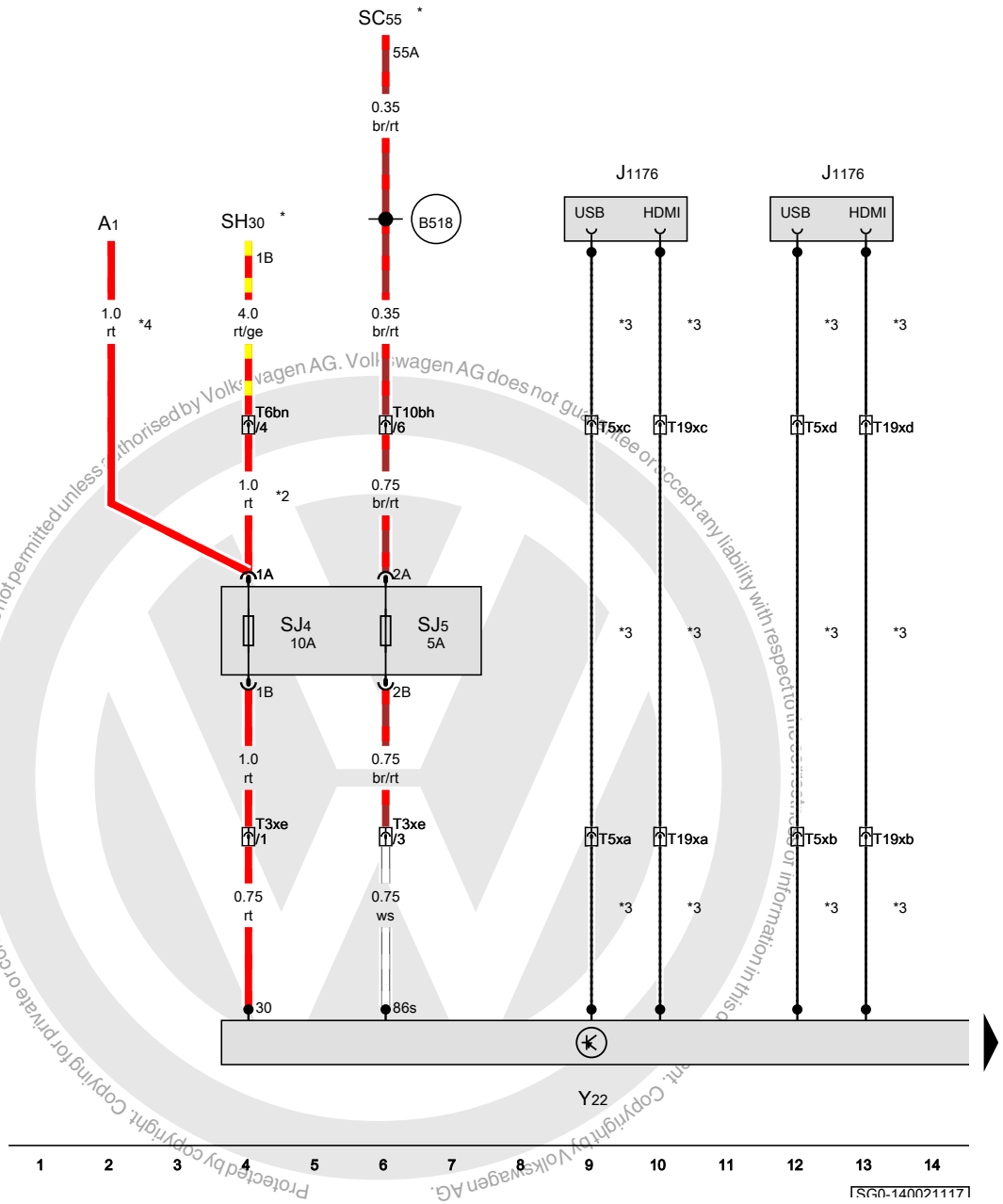
Second battery, Interface for multimedia systems, Fuse 4 on fuse holder J, Fuse 5 on fuse holder J, Fuse 30 in fuse holder H, Fuse 55 on fuse holder C, Multimedia system display unit 1



A1	Second battery	
J1176	Interface for multimedia systems	
SJ4	Fuse 4 on fuse holder J	
SJ5	Fuse 5 on fuse holder J	
SH30	Fuse 30 in fuse holder H	
SC55	Fuse 55 on fuse holder C	
T3xe	3-pin connector, black, on interior light, middle	
T5xa	5-pin connector, black, on interior light, middle	
T5xb	5-pin connector, black, on interior light, middle	
T5xc	5-pin connector, black, under seat on front right	
T5xd	5-pin connector, black, on right C-pillar, bottom	
T6bn	6-pin connector, grey, under seat on front left	
T10bh	10-pin connector, purple, under seat on front left	
T19xa	19-pin connector, black, on interior light, middle	
T19xb	19-pin connector, black, on interior light, middle	
T19xc	19-pin connector, black, under seat on front right	
T19xd	19-pin connector, black, on right C-pillar, bottom	
Y22	Multimedia system display unit 1	
B518	Connection (86s), in main wiring harness	
*	see applicable current flow diagram for fuse assignment	
*2	For models with no second battery	
*3	Sheathed cable, black	
*4	For models with second battery	

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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rs	=	pink

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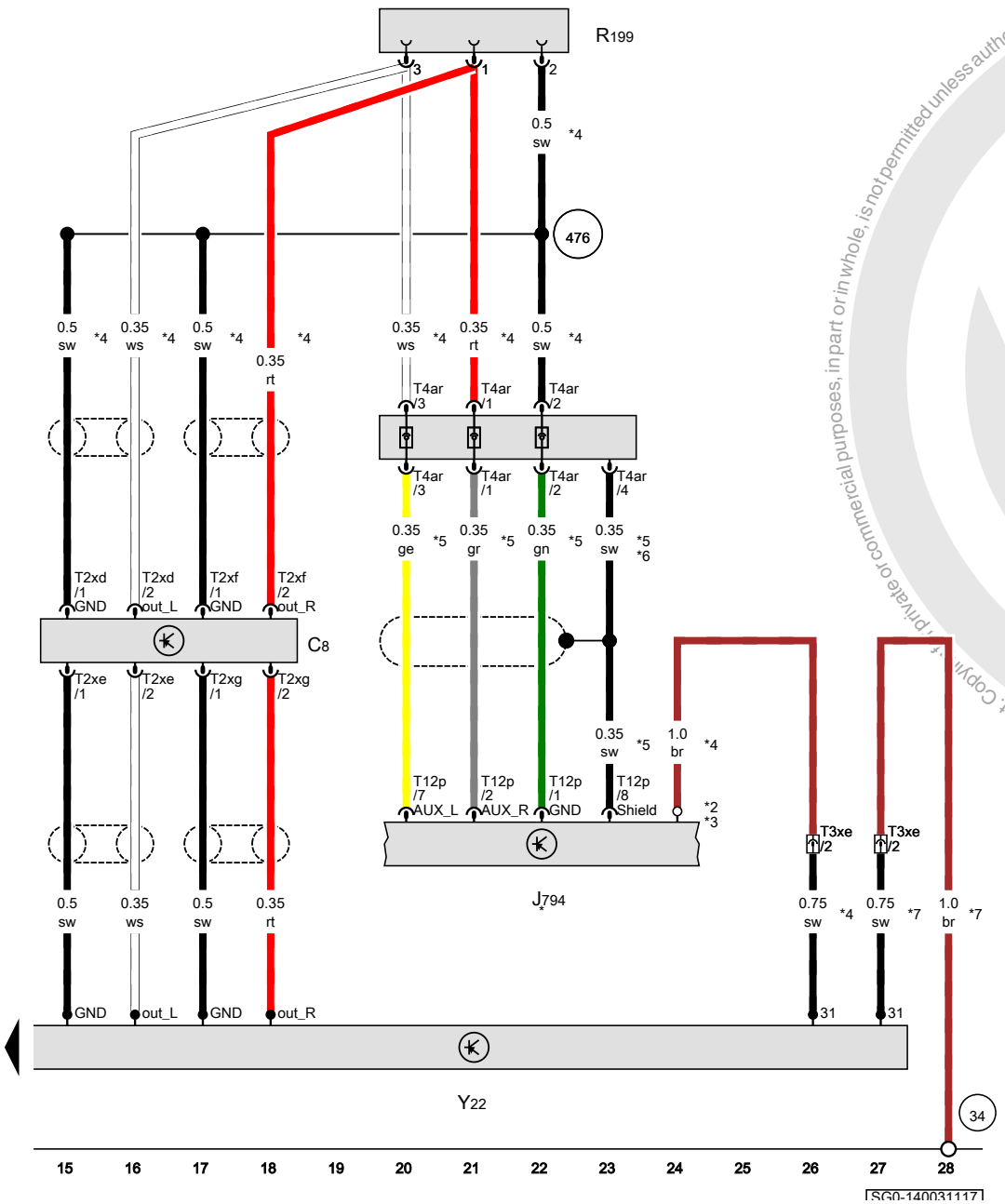
Main suppression filter, Control unit 1 for information electronics, Connection for external audio sources, Multimedia system display unit 1



C8	Main suppression filter, on multimedia system display unit
J794	Control unit 1 for information electronics
R199	Connection for external audio sources, in glove compartment
T2xd	2-pin connector, white
T2xe	2-pin connector, white
T2xf	2-pin connector, red
T2xg	2-pin connector, red
T3xe	3-pin connector, black, on interior light, middle
T4ar	4-pin connector, black, in glove compartment
T12p	12-pin connector, green
Y22	Multimedia system display unit 1
34	Earth point, under driver seat
476	Earth connection in audio wiring harness
*	see applicable current flow diagram for radio system
*2	Screw connection possible
*3	Earth supply via housing
*4	Special equipment
*5	For models with multimedia socket for external audio source
*6	From June 2016
*7	For models with "Standard Audio"

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Rear Seat Entertainment (RSE) , (10.2 Zoll)

From June 2015

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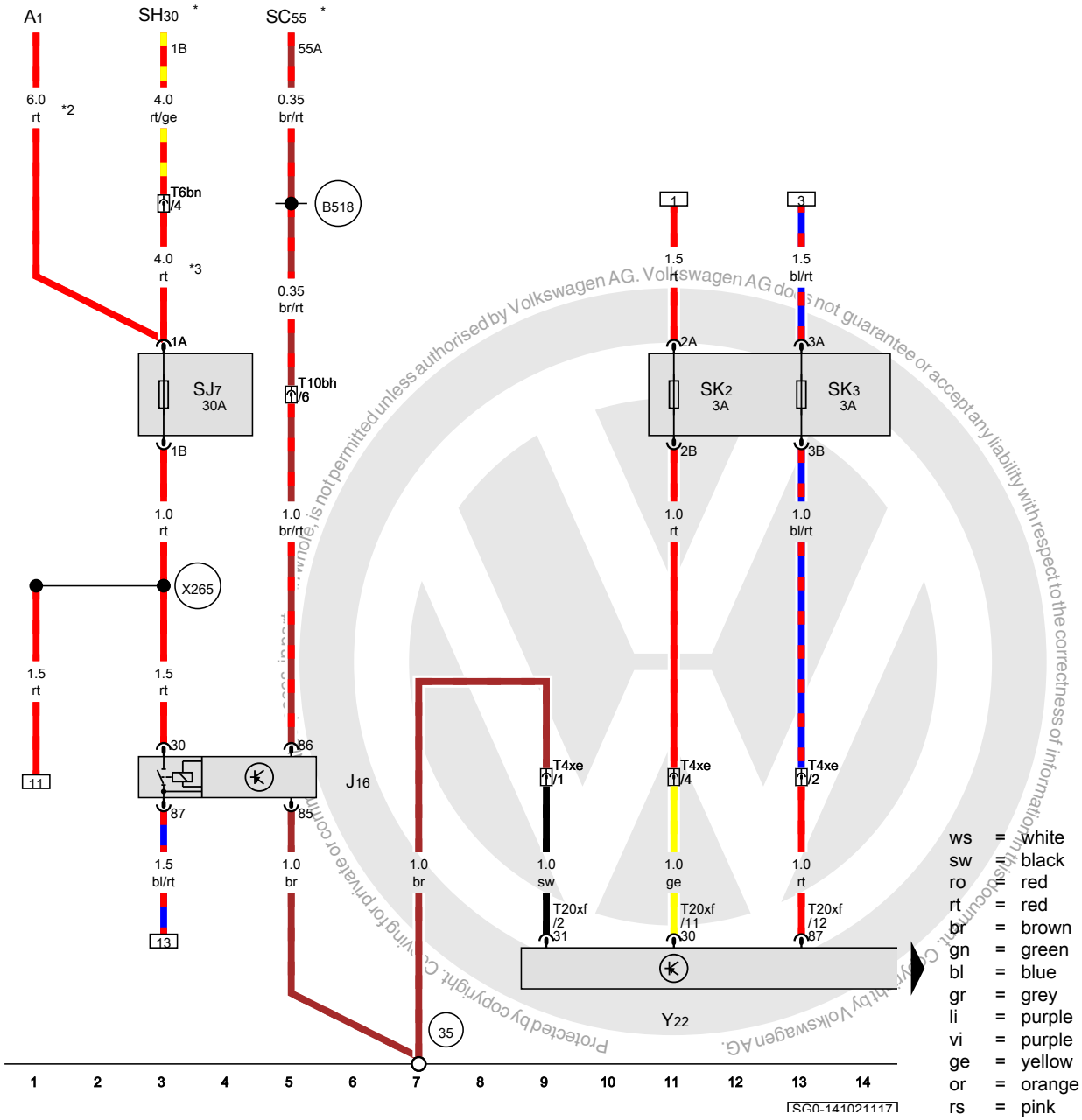
Second battery, Fuse 2 on fuse holder K, Fuse 3 on fuse holder K, Fuse 7 on fuse holder J, Fuse 30 in fuse holder H, Fuse 55 on fuse holder C, Multimedia system display unit 1



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

A1	Second battery
J16	Current supply relay
SK2	Fuse 2 on fuse holder K
SK3	Fuse 3 on fuse holder K
SJ7	Fuse 7 on fuse holder J
SH30	Fuse 30 in fuse holder H
SC55	Fuse 55 on fuse holder C
T4xe	4-pin connector, white, on multimedia system display unit
T6bn	6-pin connector, grey, under seat on front left
T10bh	10-pin connector, purple, under seat on front left
T20xf	20-pin connector, white
Y22	Multimedia system display unit 1
35	Earth point, under front passenger seat
B518	Connection (86s), in main wiring harness
X265	Connection 12, in optional equipment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with second battery
*3	For models with no second battery

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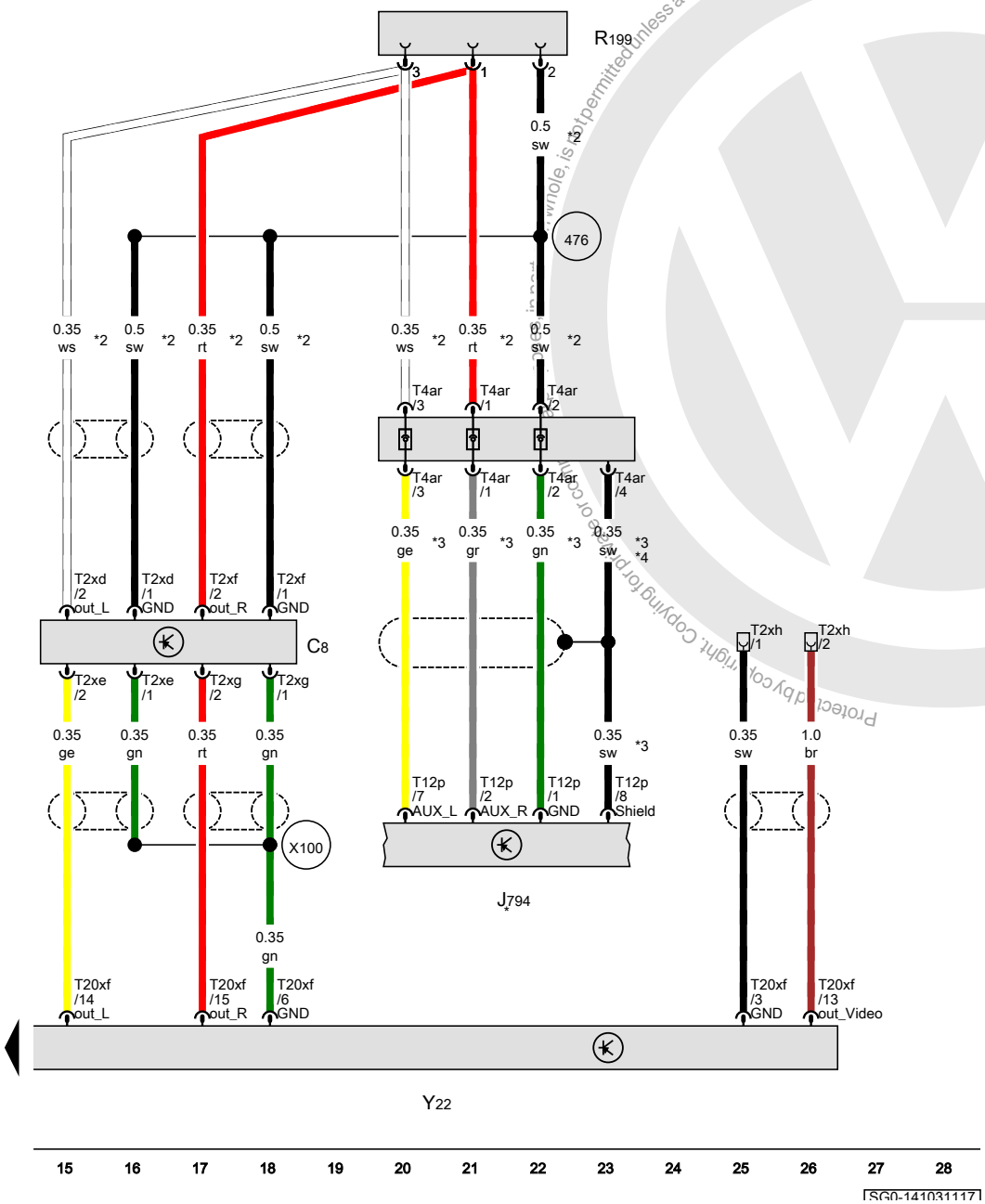

Main suppression filter, Control unit 1 for information electronics, Connection for external audio sources, Multimedia system display unit 1

C8	Main suppression filter, on multimedia system display unit
J794	Control unit 1 for information electronics
R199	Connection for external audio sources, in glove compartment
T2xd	2-pin connector, white
T2xe	2-pin connector, white
T2xf	2-pin connector, red
T2xg	2-pin connector, red
T2xh	2-pin connector, yellow, on multimedia system display unit
T4ar	4-pin connector, black, in glove compartment
T12p	12-pin connector, green
T20xf	20-pin connector, white
Y22	Multimedia system display unit 1
476	Earth connection in audio wiring harness
X100	Connection (screening), in optional equipment wiring harness
*	see applicable current flow diagram for radio system
*2	Special equipment
*3	For models with multimedia socket for external audio source
*4	From June 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Seat heating for seats with leather covers , (L0L),(3L0),(3L1),(3L2),(3L3)

From January 2018

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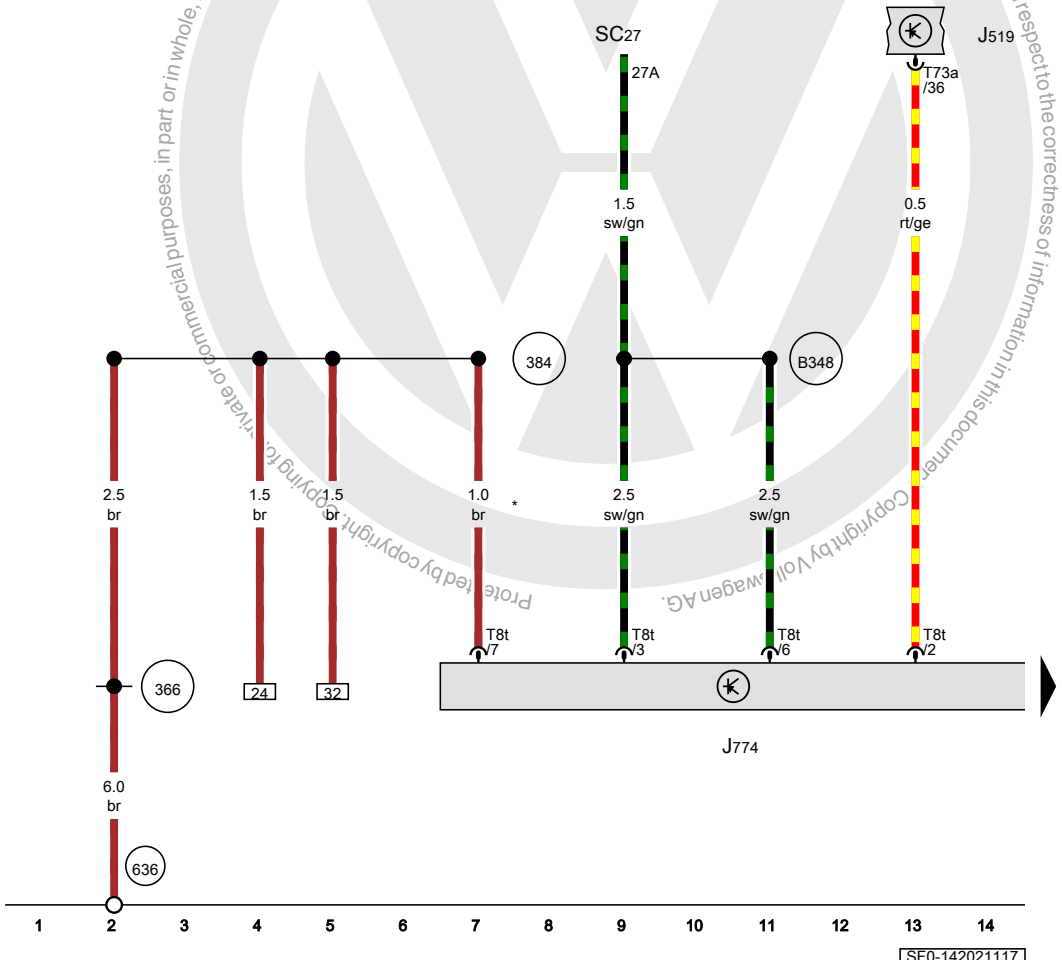
Onboard supply control unit, Heated front seats control unit, Fuse 27 on fuse holder C

J519	Onboard supply control unit
J774	Heated front seats control unit
SC27	Fuse 27 on fuse holder C
T8t	8-pin connector, black
T73a	73-pin connector, black
366	Earth connection 1, in main wiring harness
384	Earth connection 19, in main wiring harness
636	Earth point, onboard supply control unit
B348	Connection 1 (75a), in main wiring harness
*	Cross-section 1.5 possible



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or	=	orange
rs	=	pink

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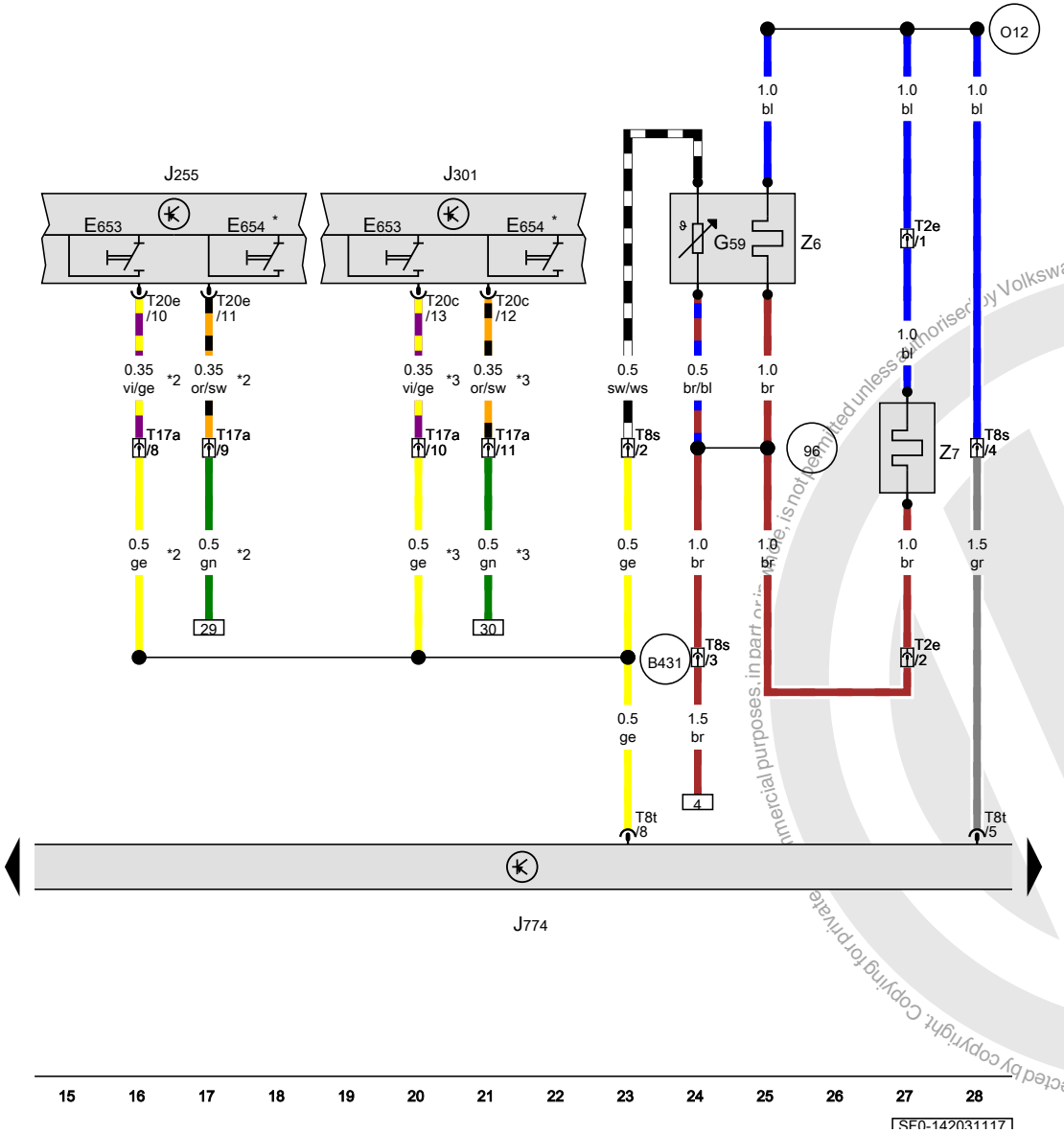
Button for left seat heating, Button for right seat heating, Climatronic control unit, Air conditioning system control unit, Heated front seats control unit, Heated seat cushion for driver seat, Heated backrest for driver seat



E653	Button for left seat heating
E654	Button for right seat heating
G59	Driver seat temperature sensor
J255	Climatronic control unit
J301	Air conditioning system control unit
J774	Heated front seats control unit
T2e	2-pin connector, black, in driver seat
T8s	8-pin connector, black, under seat on front left
T8t	8-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
T20e	20-pin connector, black
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
96	Earth connection 1, in seat heating wiring harness
B431	Connection (seat heating), in main wiring harness
O12	Connection 1, in seat heating wiring harness
*	For models with heated front passenger seat
*2	For models with Climatronic
*3	For models with Climatic

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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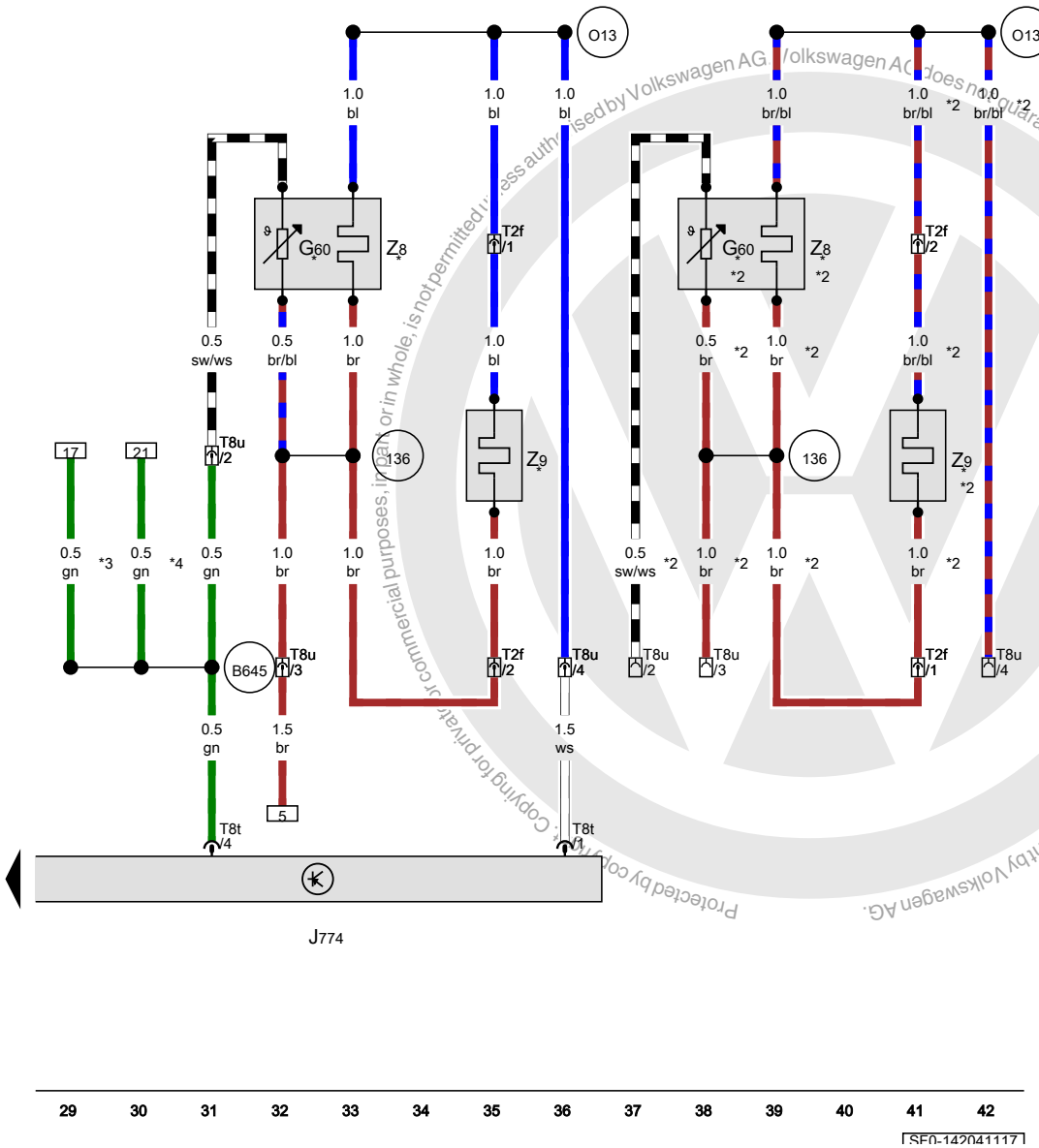
Heated front seats control unit, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat

G60	Front passenger seat temperature sensor
J774	Heated front seats control unit
T2f	2-pin connector, black, in front passenger seat
T8t	8-pin connector, black
T8u	8-pin connector, black, under seat on front right
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
136	Earth connection 2, in seat heating wiring harness
B645	Connection 2 (seat heating), in main wiring harness
O13	Connection 2, in seat heating wiring harness
*	For models with heated front passenger seat
*2	For models with double seat on front passenger side
*3	For models with Climatronic
*4	For models with Climatic



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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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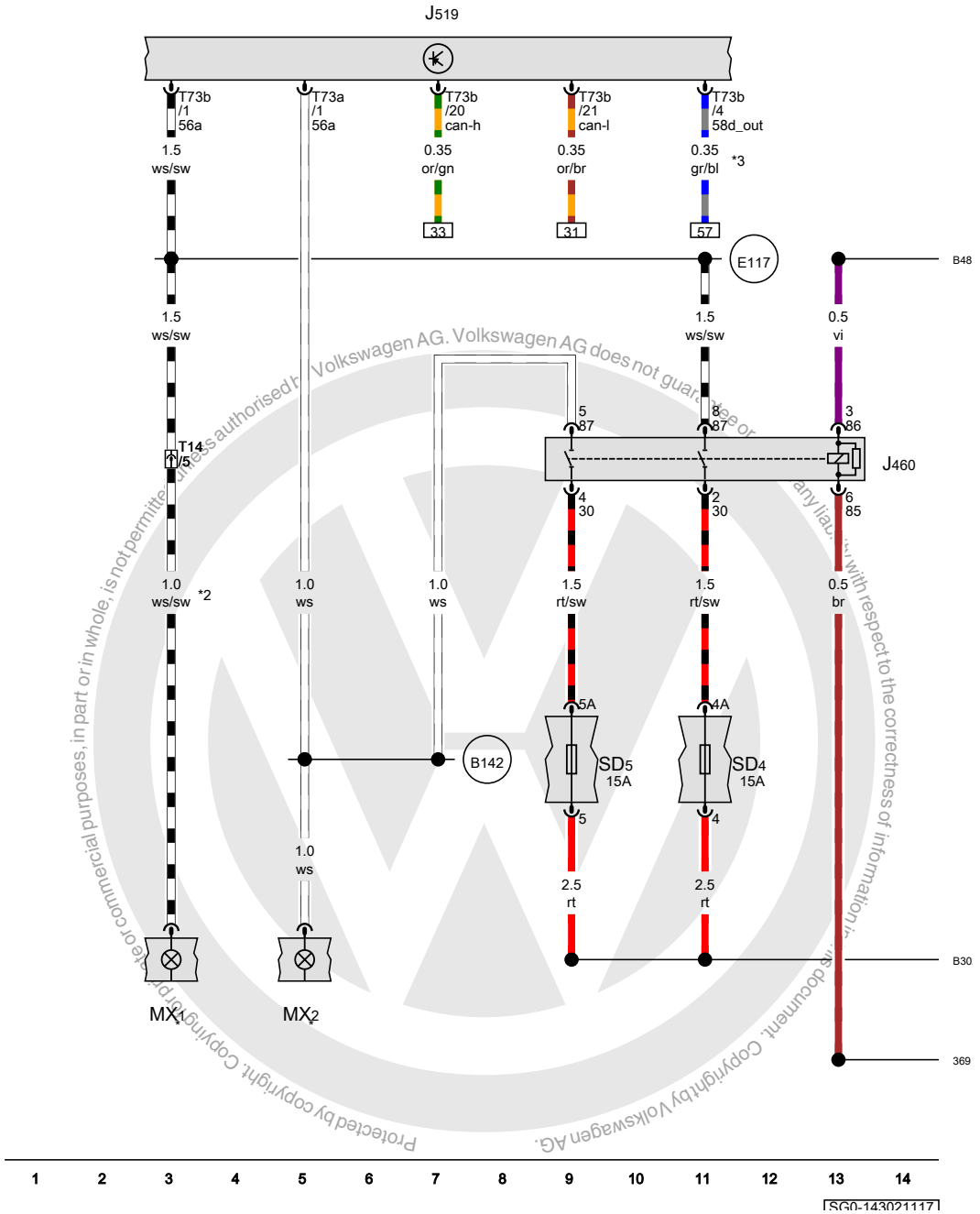
Taxi equipment , (4L2),(4L3),(4L6),(5FB)

From November 2017



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gn	=	green	
bl	=	blue	
gr	=	grey	
li	=	purple	
vi	=	purple	
ge	=	yellow	
or	=	orange	
rs	=	pink	

Alarm system relay 1, Onboard supply control unit, Fuse 4 on fuse holder D, Fuse 5 on fuse holder D

J460	Alarm system relay 1
J519	Onboard supply control unit
MX1	Front left headlight
MX2	Front right headlight
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T14	14-pin connector, black, near horn, dual tone horn
T73a	73-pin connector, black
T73b	73-pin connector, white
369	Earth connection 4, in main wiring harness
B142	Positive connection 2 (56a), in interior wiring harness
B302	Positive connection 6 (30), in main wiring harness
B481	Connection 17, in main wiring harness
E117	Connection (56a, left), in dash panel wiring harness
*	see applicable current flow diagram for headlights
*2	Cross-section 1.5 possible
*3	For models with no dimmable instrument illumination

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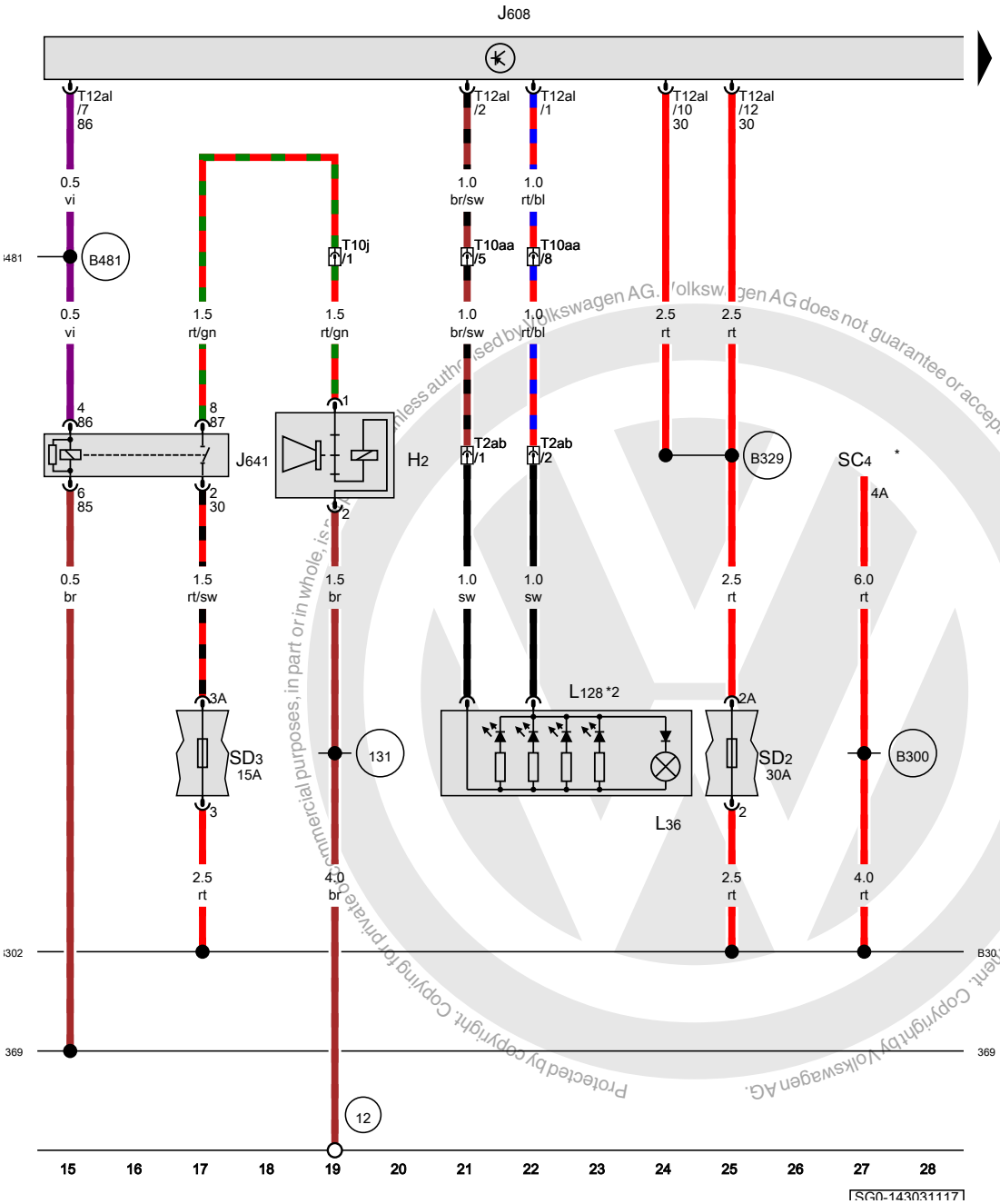

Special vehicle control unit, Alarm horn relay, Taxi roof sign light bulb, Taxi silent alarm bulb, Fuse 2 on fuse holder D, Fuse 3 on fuse holder D

H2	Treble horn
J608	Special vehicle control unit
J641	Alarm horn relay
L36	Taxi roof sign light bulb
L128	Taxi silent alarm bulb
SD2	Fuse 2 on fuse holder D
SD3	Fuse 3 on fuse holder D
SC4	Fuse 4 on fuse holder C
T2ab	2-pin connector, black, on upper section of left B-pillar
T10aa	10-pin connector, dark brown, under seat on front left
T10j	10-pin connector, dark brown, in E-box in engine compartment
T12al	12-pin connector, black, under front passenger seat
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
369	Earth connection 4, in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
B329	Positive connection 15 (30a) in main wiring harness
B481	Connection 17, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Special equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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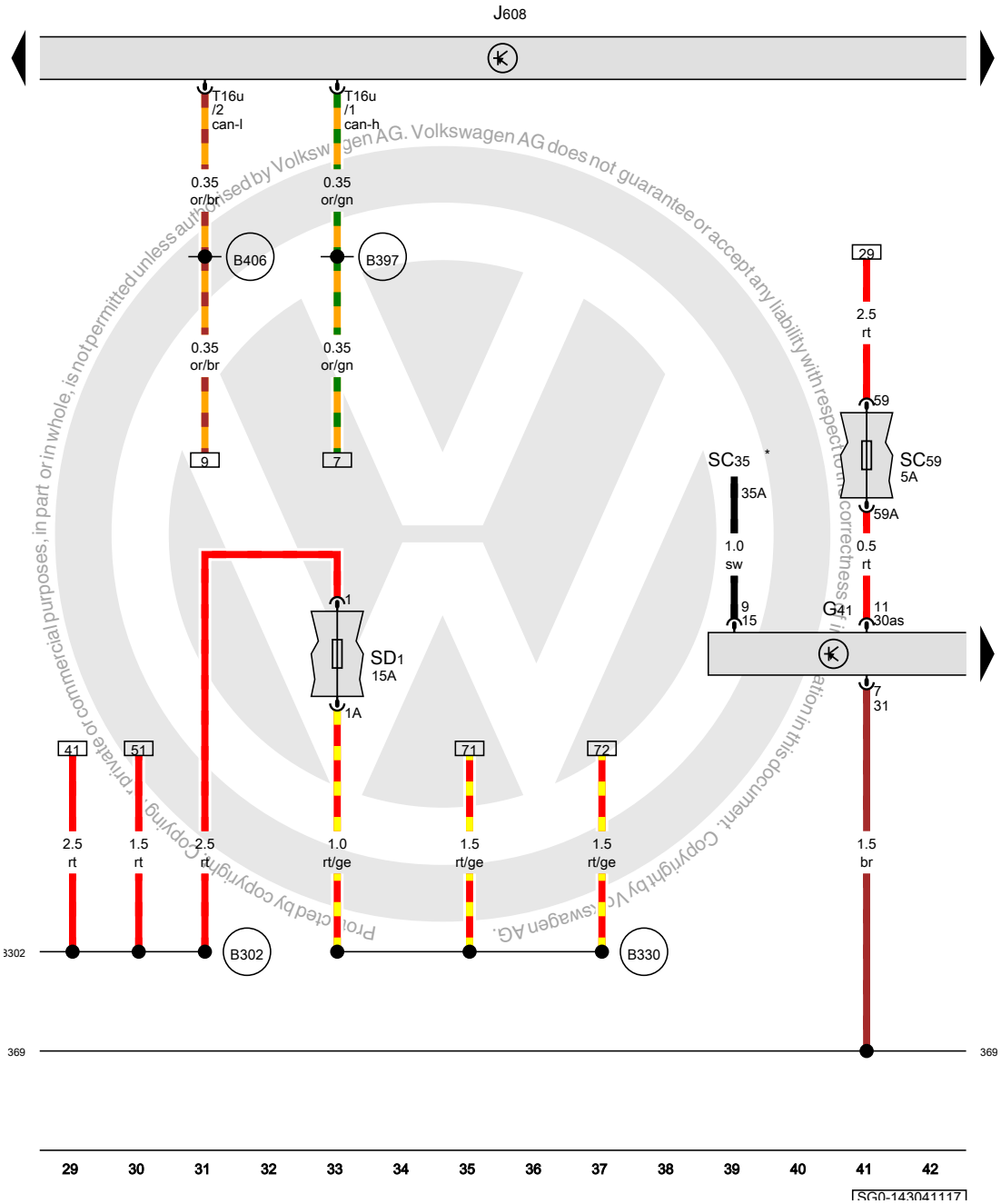

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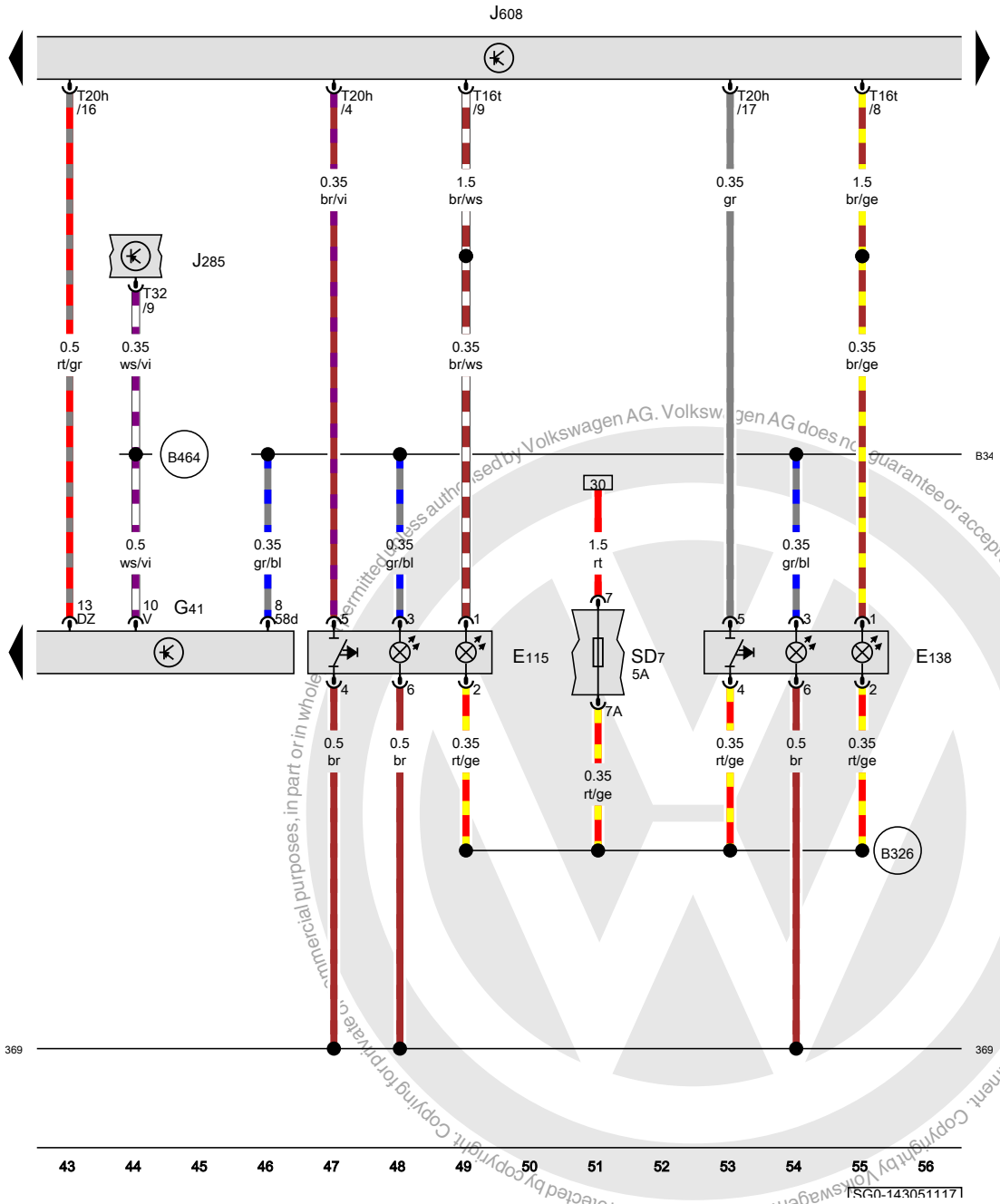
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Taximeter, Special vehicle control unit, Fuse 1 on fuse holder D, Fuse 35 on fuse holder C, Fuse 59 on fuse holder C

G41	Taximeter
J608	Special vehicle control unit
SD1	Fuse 1 on fuse holder D
SC35	Fuse 35 on fuse holder C
SC59	Fuse 59 on fuse holder C
T16u	16-pin connector, brown, under front passenger seat
369	Earth connection 4, in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
B330	Positive connection 16 (30a) in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for fuse assignment



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Interior light switch (taxi), Taxi sign switch, Taximeter, Control unit in dash panel insert, Special vehicle control unit, Fuse 7 on fuse holder D

E115	Interior light switch (taxi)
E138	Taxi sign switch
G41	Taximeter
J285	Control unit in dash panel insert
J608	Special vehicle control unit
SD7	Fuse 7 on fuse holder D
T16t	16-pin connector, black, under front passenger seat
T20h	20-pin connector, red, under front passenger seat
T32	32-pin connector, blue
369	Earth connection 4, in main wiring harness
B326	Positive connection 12 (30a) in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B464	Connection (speed signal), in main wiring harness

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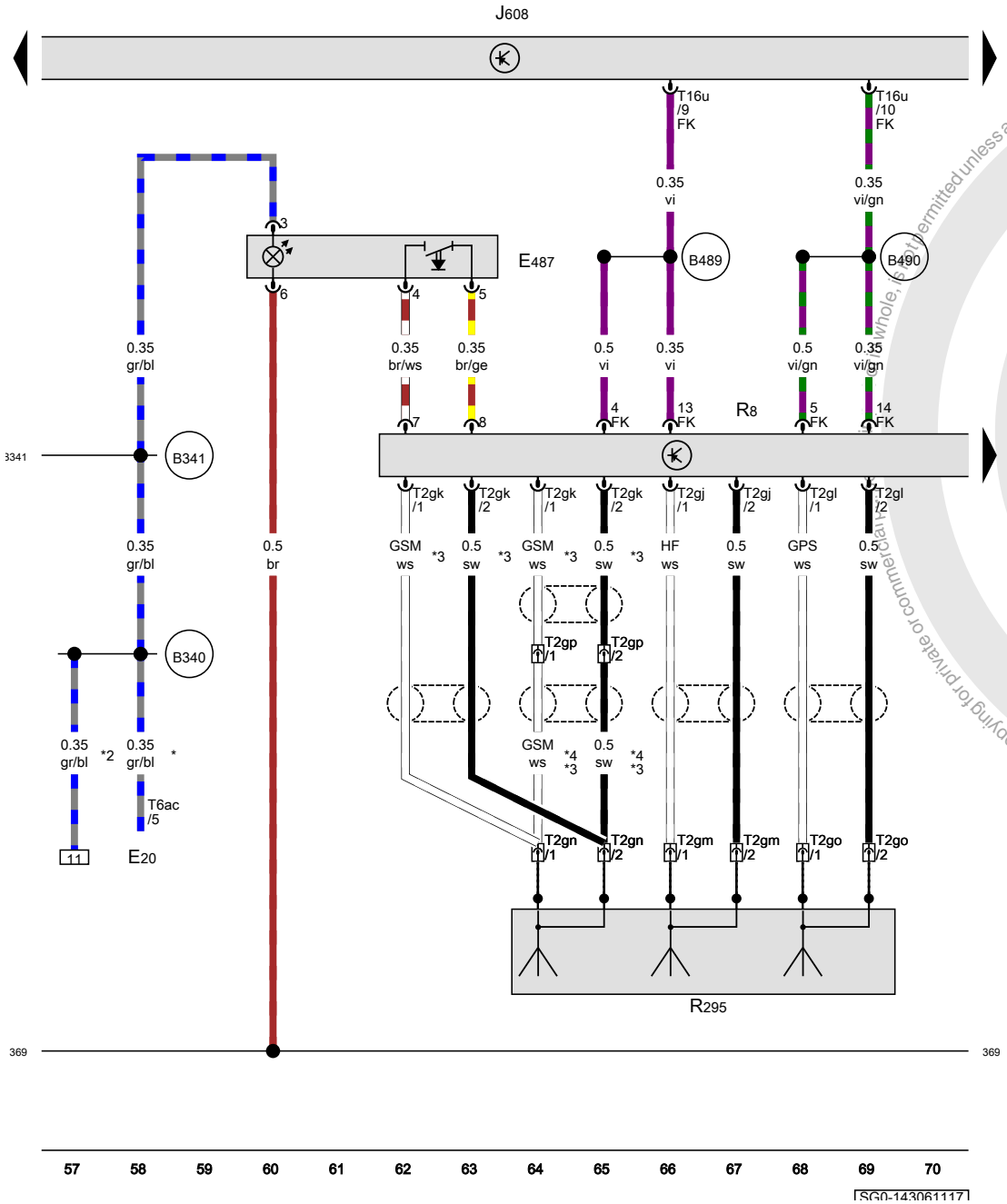
Switch and instrument illumination regulator, Hands-free system button, Special vehicle control unit, Two-way radio, Two-way radio aerial



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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

E20	Switch and instrument illumination regulator
E487	Hands-free system button
J608	Special vehicle control unit
R8	Two-way radio, in glove compartment
R295	Two-way radio aerial, in rear part of roof
T2gj	2-pin connector
T2gk	2-pin connector, purple
T2gl	2-pin connector, blue
T2gm	2-pin connector, yellow, in rear part of roof
T2gn	2-pin connector, purple, in rear part of roof
T2go	2-pin connector, blue, in rear part of roof
T2gp	2-pin connector, purple, in rear part of roof
T6ac	6-pin connector, black
T16u	16-pin connector, brown, under front passenger seat
369	Earth connection 4, in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B489	Connection 25, in main wiring harness
B490	Connection 26, in main wiring harness
*	For models with dimmable instrument illumination
*2	For models with no dimmable instrument illumination
*3	According to equipment
*4	Adapter wire

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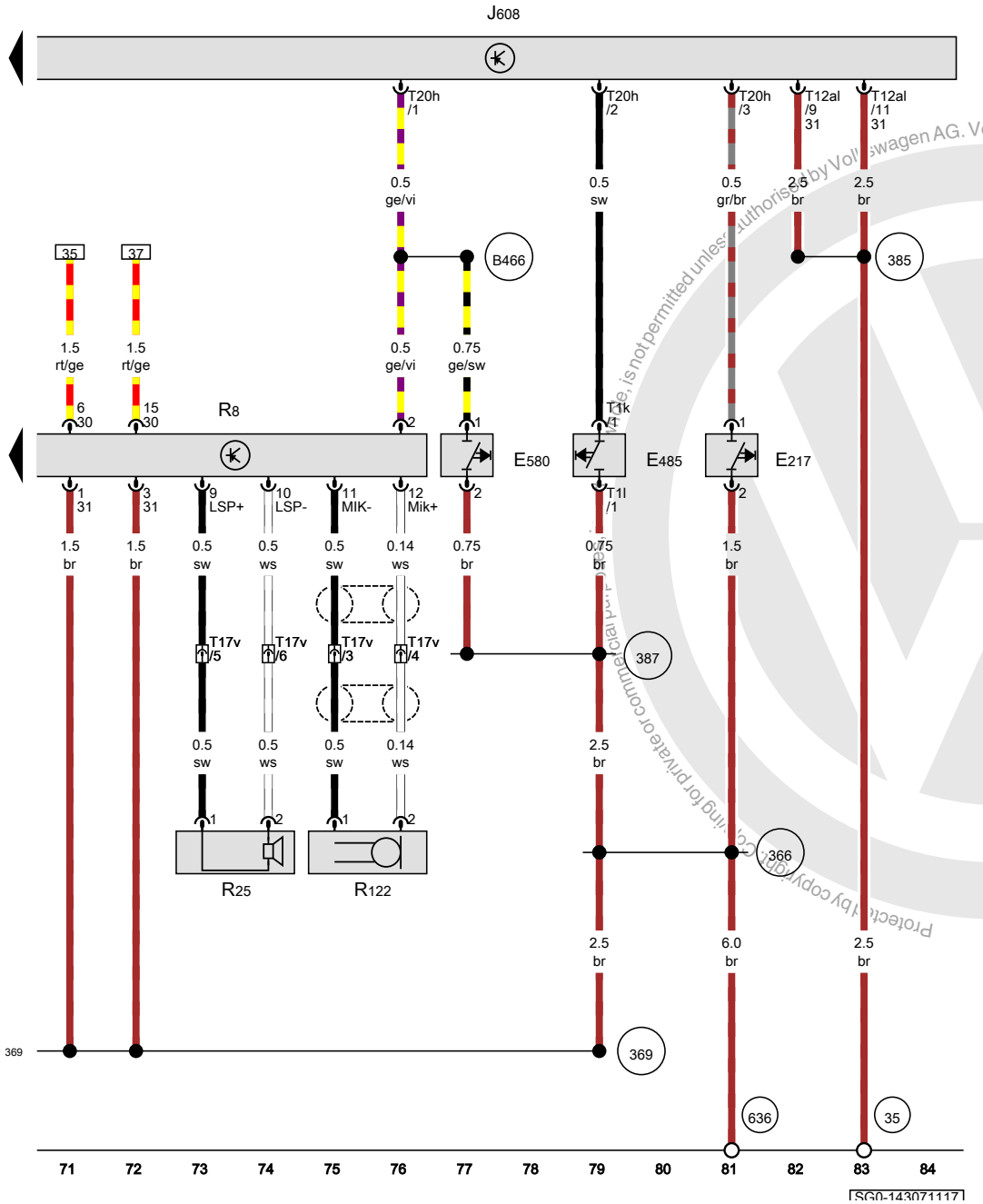

Alarm system off switch, Taxi alarm active button, Passive Taxi alarm button, Special vehicle control unit, Two-way radio

E217	Alarm system off switch
E485	Taxi alarm active button
E580	Passive Taxi alarm button
J608	Special vehicle control unit
R8	Two-way radio, in glove compartment
R25	Two-way radio loudspeaker
R122	2-way radio unit microphone
T1k	1-pin connector, colourless
T1l	1-pin connector, colourless
T12al	12-pin connector, black, under front passenger seat
T17v	17-pin connector, grey, on left A-pillar
T20h	20-pin connector, red, under front passenger seat
35	Earth point, under front passenger seat
366	Earth connection 1, in main wiring harness
369	Earth connection 4, in main wiring harness
385	Earth connection 20, in main wiring harness
387	Earth connection 22, in main wiring harness
636	Earth point, onboard supply control unit
B466	Connection 2, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Camping equipment , (A9A),(9CE),(9CI)

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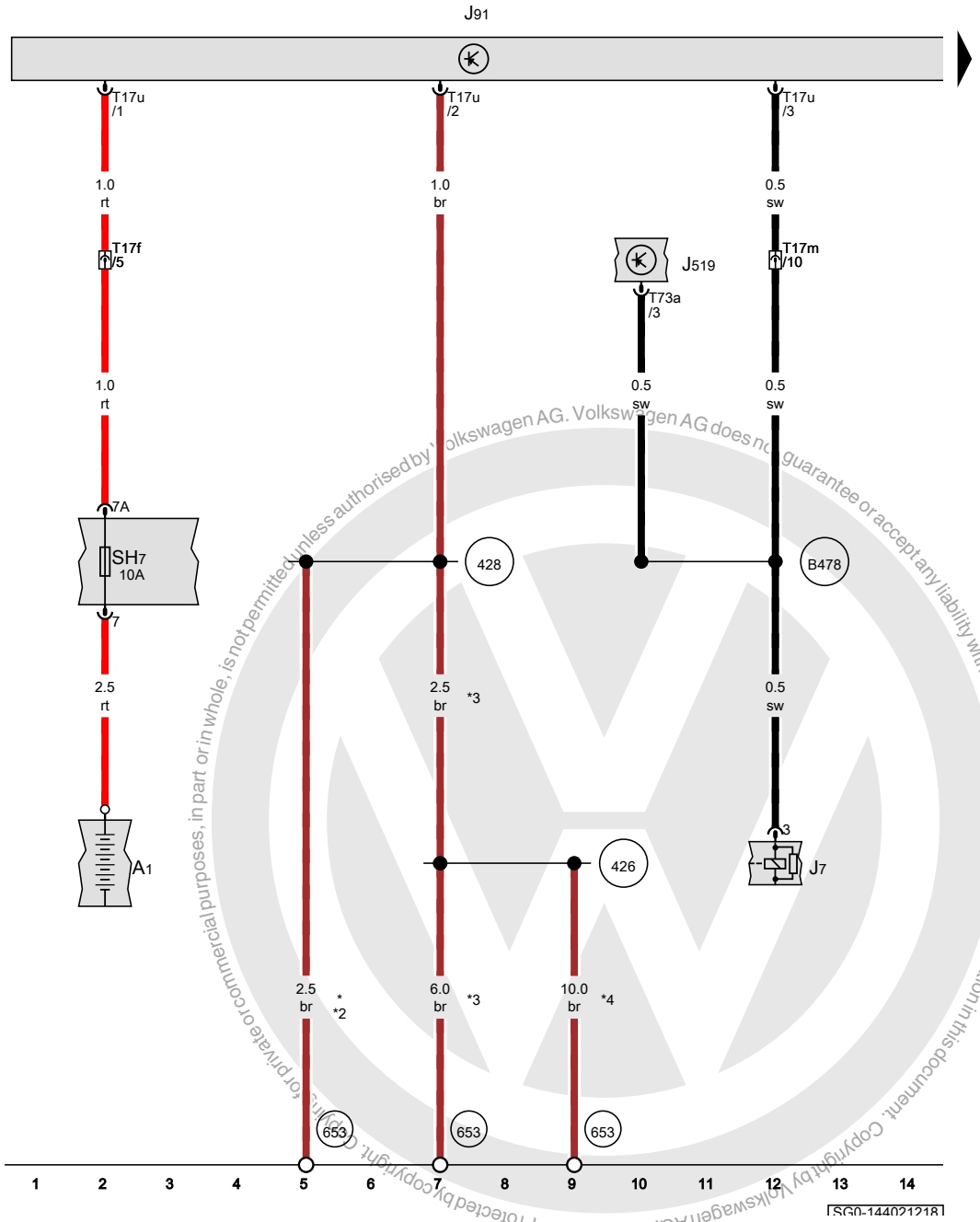
Second battery, Battery isolation relay, Reading light relay, Onboard supply control unit, Fuse 7 in fuse holder H



A1	Second battery
J7	Battery isolation relay
J91	Reading light relay, near wheel housing, rear, left
J519	Onboard supply control unit
SH7	Fuse 7 in fuse holder H
T17f	17-pin connector, brown, under seat on front left
T17m	17-pin connector, red, in left A-pillar coupling station
T17u	17-pin connector, black
T73a	73-pin connector, black
426	Earth connection 3, in left rear end wiring harness
428	Earth connection 4, in left rear end wiring harness
653	Earth point, on left D-pillar
B478	Connection 14, in main wiring harness
*	For models with no heated rear window
*2	For models with no trailer socket
*3	For models with trailer socket or heated rear window
*4	For models with trailer socket and heated rear window

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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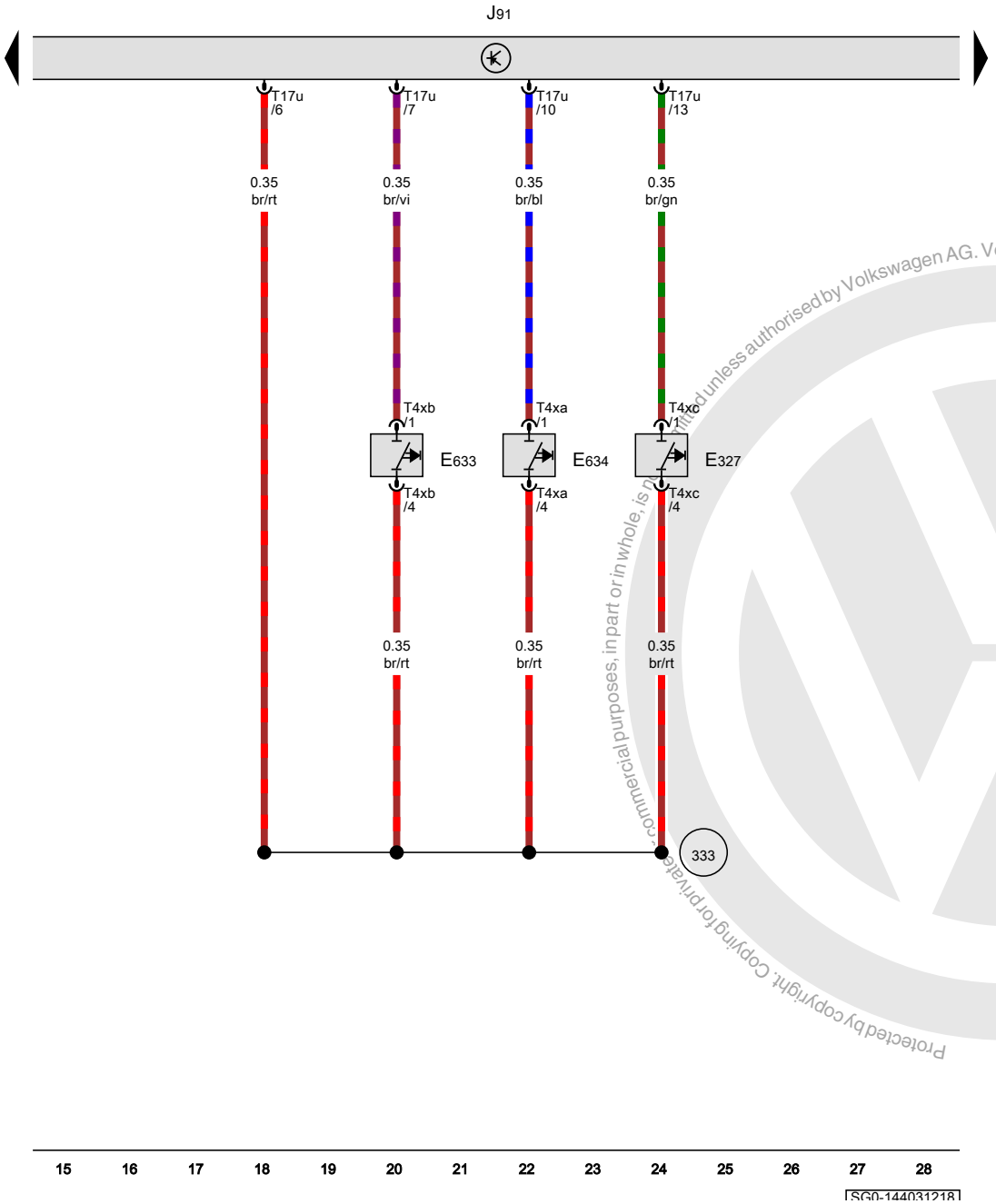
Rear interior light button, Front left reading light button, Front right reading light button, Reading light relay



E327	Rear interior light button
E633	Front left reading light button
E634	Front right reading light button
J91	Reading light relay, near wheel housing, rear, left
T4xa	4-pin connector, black
T4xb	4-pin connector, black
T4xc	4-pin connector, black
T17u	17-pin connector, black
333	Earth connection 5, in rear wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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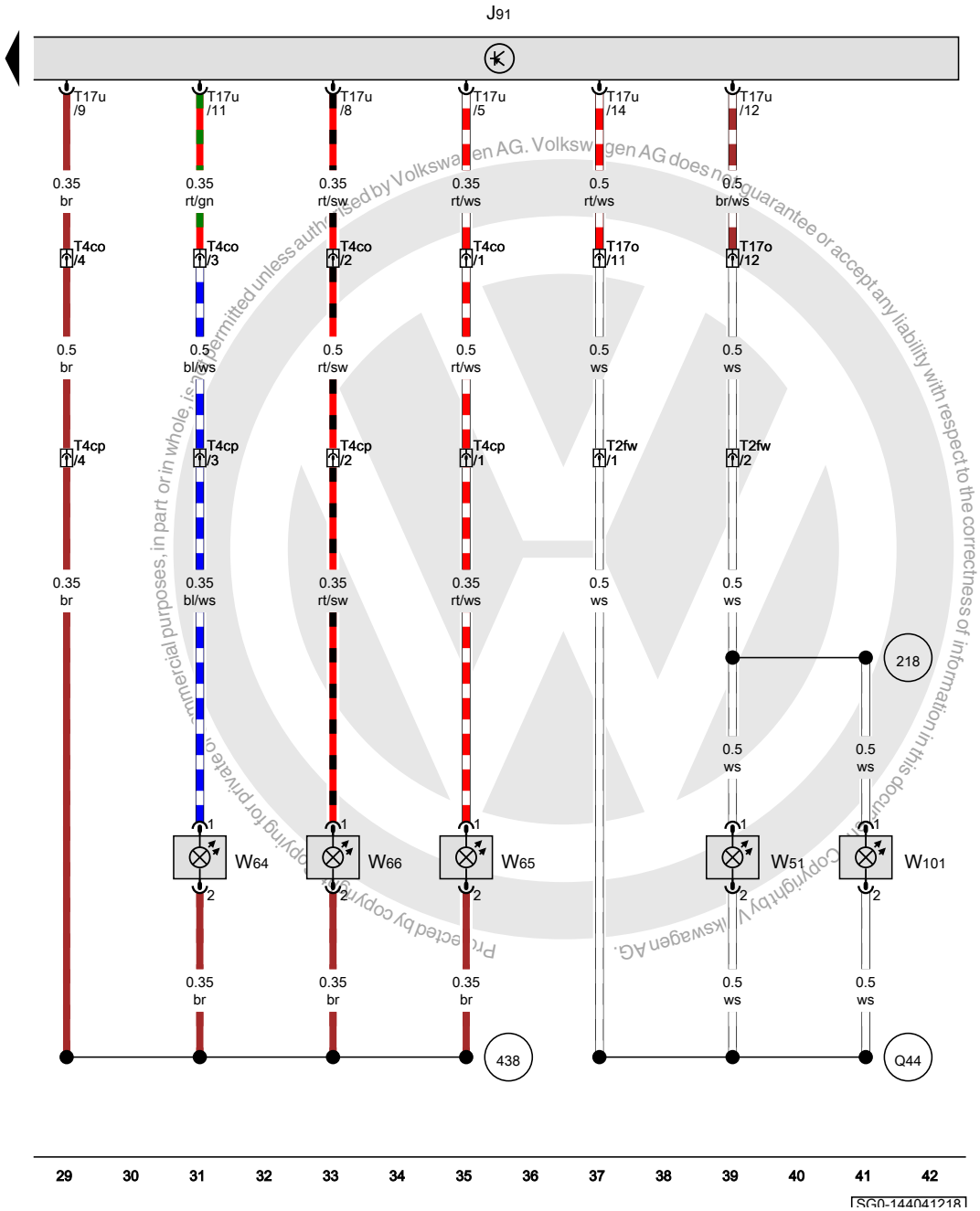

Reading light relay, Rear lid light, Interior light, Front left reading light, Front right reading light, Rear lid light 2

J91	Reading light relay, near wheel housing, rear, left
T2fw	2-pin connector, black, in rear lid
T4co	4-pin connector, black, on rear roof module, middle
T4cp	4-pin connector, black, in rear part of roof, middle
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
T17u	17-pin connector, black
W51	Rear lid light
W64	Interior light
W65	Front left reading light
W66	Front right reading light
W101	Rear lid light 2
218	Earth connection 1, in rear lid wiring harness
438	Earth connection 3, in roof wiring harness
Q44	Connection 2, in rear lid wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Camping equipment , (A8R),(A8L+9CE/9CI)

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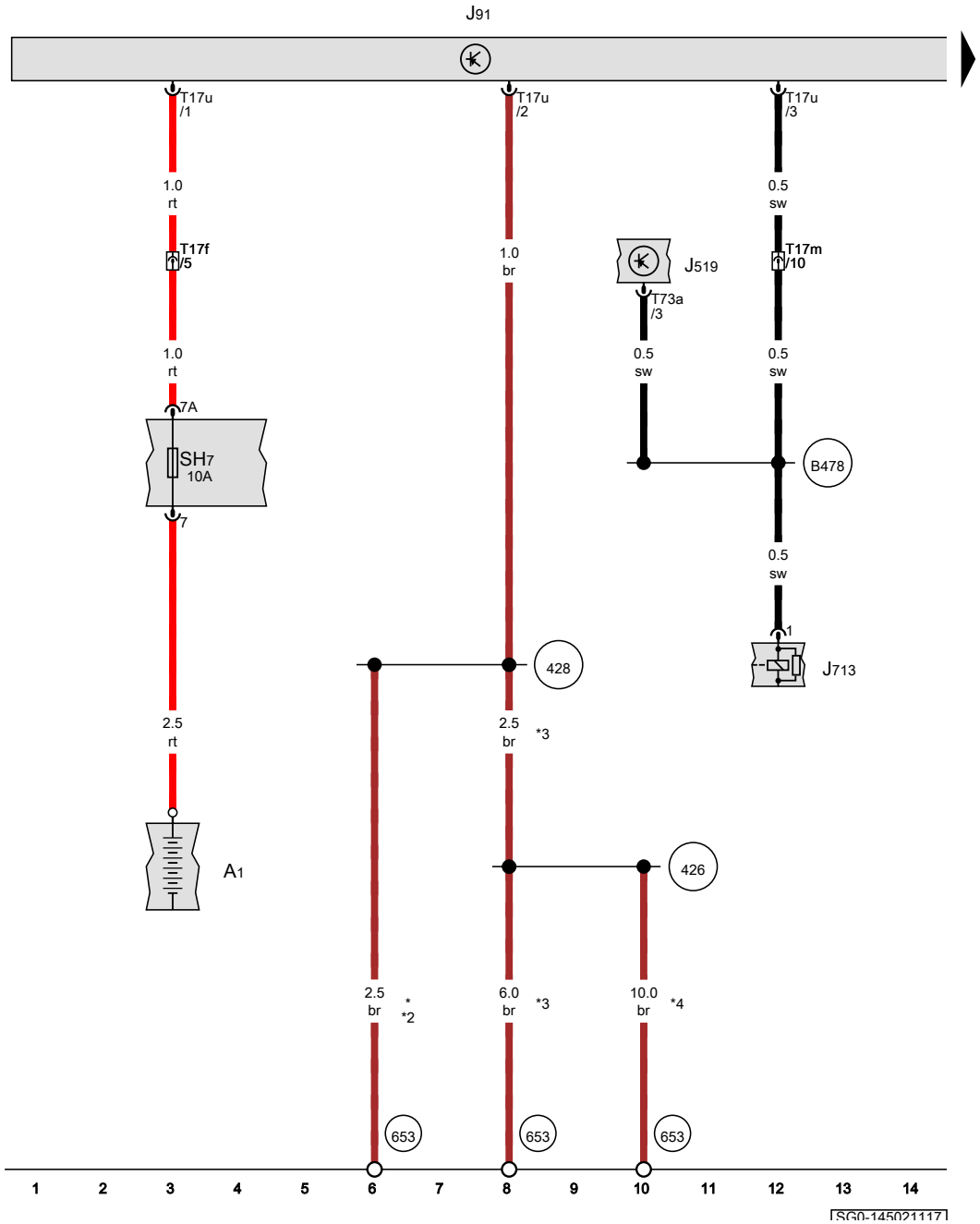
Second battery, Reading light relay, Onboard supply control unit, Second battery charging circuit relay, Fuse 7 in fuse holder H



A1	Second battery
J91	Reading light relay, near wheel housing, rear, left
J519	Onboard supply control unit
J713	Second battery charging circuit relay
SH7	Fuse 7 in fuse holder H
T17f	17-pin connector, brown, under seat on front left
T17m	17-pin connector, red, in left A-pillar coupling station
T17u	17-pin connector, black
T73a	73-pin connector, black
426	Earth connection 3, in left rear end wiring harness
428	Earth connection 4, in left rear end wiring harness
653	Earth point, on left D-pillar
B478	Connection 14, in main wiring harness
*	For models with no heated rear window
*2	For models with no trailer socket
*3	For models with trailer socket or heated rear window
*4	For models with trailer socket and heated rear window

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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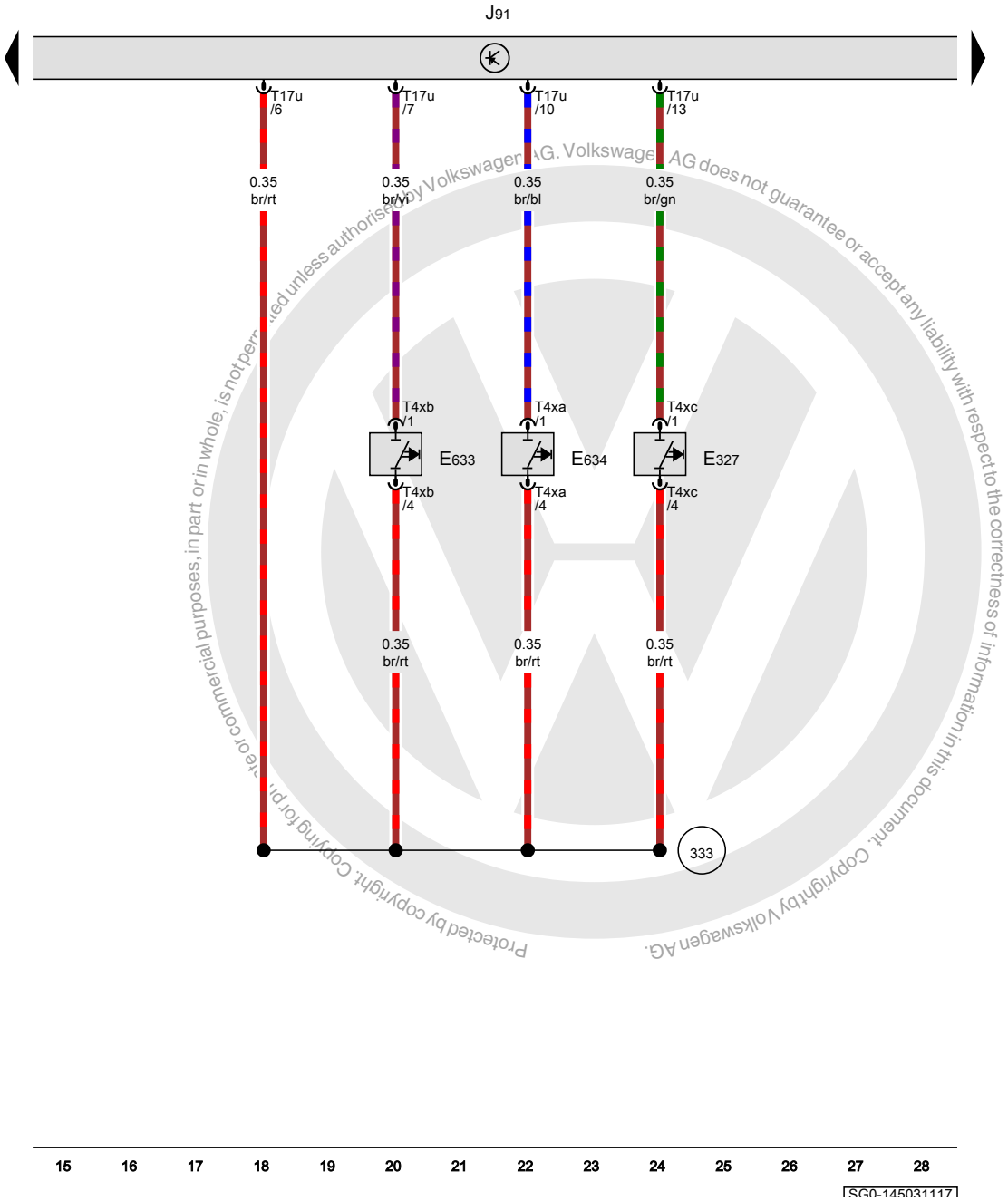
Rear interior light button, Front left reading light button, Front right reading light button, Reading light relay



E327	Rear interior light button
E633	Front left reading light button
E634	Front right reading light button
J91	Reading light relay, near wheel housing, rear, left
T4xa	4-pin connector, black
T4xb	4-pin connector, black
T4xc	4-pin connector, black
T17u	17-pin connector, black
333	Earth connection 5, in rear wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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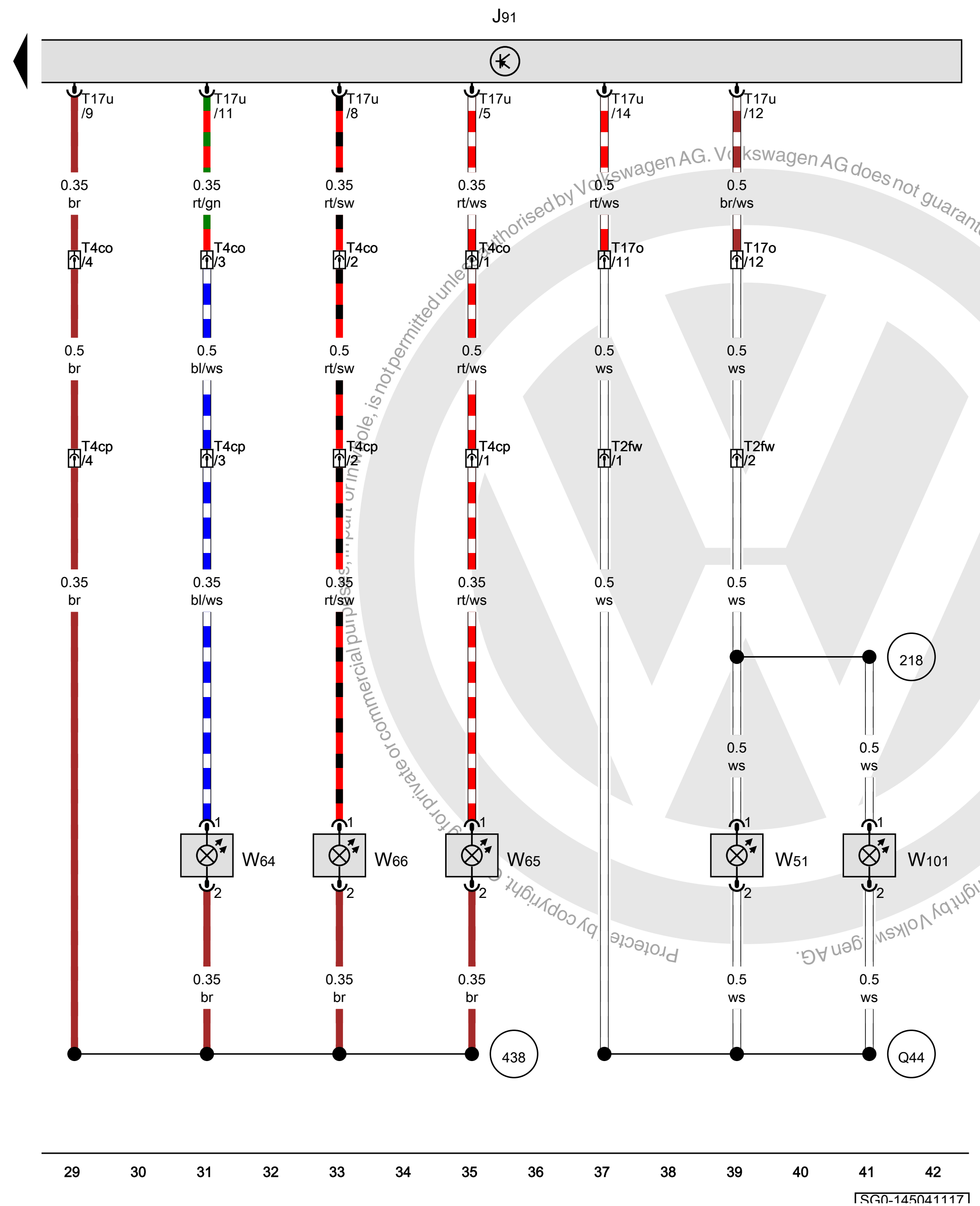
Reading light relay, Rear lid light, Interior light, Front left reading light, Front right reading light, Rear lid light 2



J91	Reading light relay, near wheel housing, rear, left
T2fw	2-pin connector, black, in rear lid
T4co	4-pin connector, black, on rear roof module, middle
T4cp	4-pin connector, black, in rear part of roof, middle
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
T17u	17-pin connector, black
W51	Rear lid light
W64	Interior light
W65	Front left reading light
W66	Front right reading light
W101	Rear lid light 2
218	Earth connection 1, in rear lid wiring harness
438	Earth connection 3, in roof wiring harness
Q44	Connection 2, in rear lid wiring harness

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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Camping equipment , (A8R),(A8L+9CE/9CI)

From June 2017

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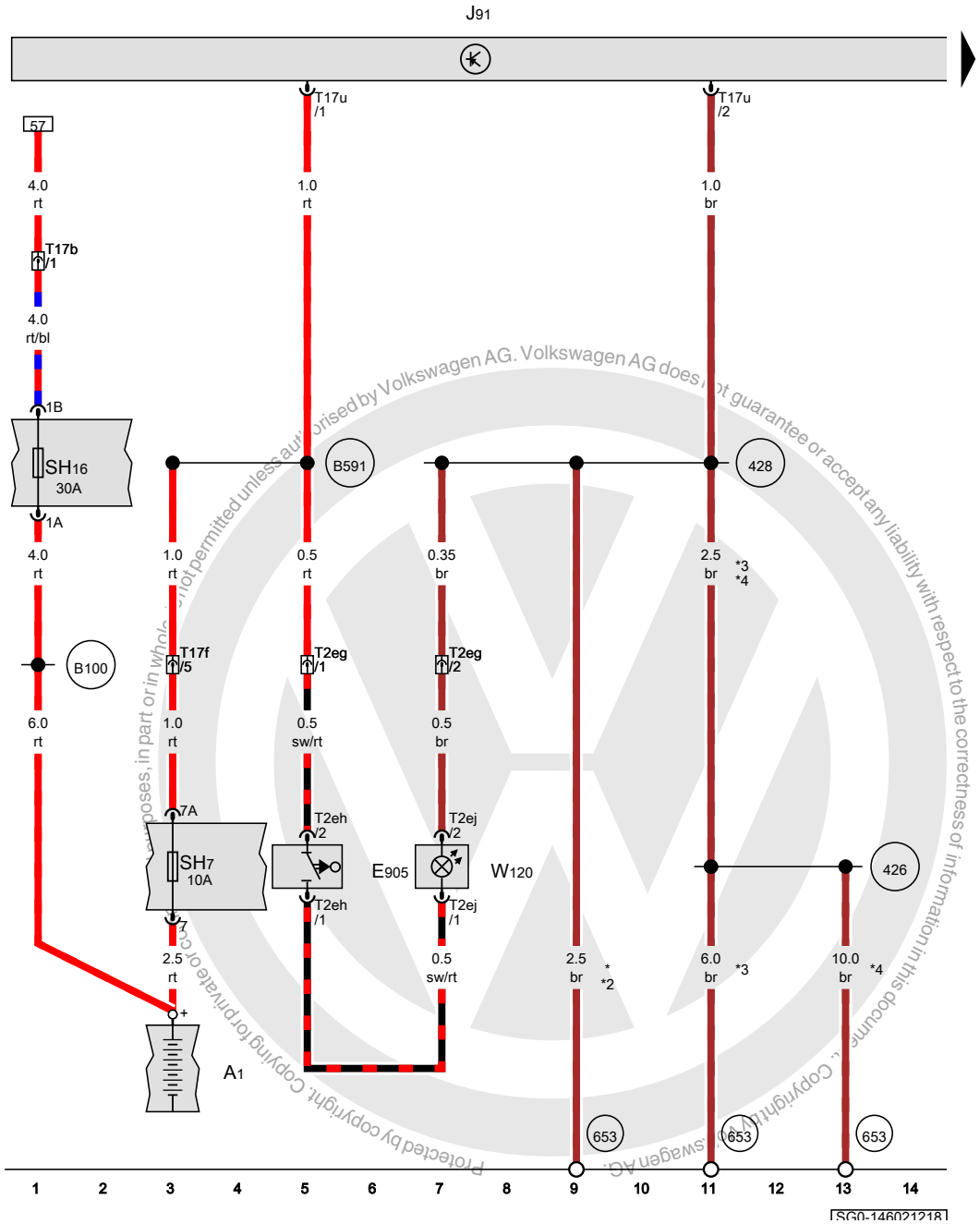

Second battery, End position button for cupboard light, Reading light relay, Fuse 7 in fuse holder H, Fuse 16 in fuse holder H, Cupboard light

A1	Second battery
E905	End position button for cupboard light, rear, top
J91	Reading light relay, near wheel housing, rear, left
SH7	Fuse 7 in fuse holder H
SH16	Fuse 16 in fuse holder H
T2eg	2-pin connector, black, near left D-pillar, top
T2eh	2-pin connector, black
T2ej	2-pin connector, black
T17b	17-pin connector, black, in cupboard, bottom
T17f	17-pin connector, brown, under seat on front left
T17u	17-pin connector, black
W120	Cupboard light, rear, top
426	Earth connection 3, in left rear end wiring harness
428	Earth connection 4, in left rear end wiring harness
653	Earth point, on left D-pillar
B100	Positive connection 4, in Camper wiring harness
B591	Positive connection 1 (30a), in roof wiring harness
*	For models with no heated rear window
*2	For models with no trailer socket
*3	For models with trailer socket or heated rear window
*4	For models with trailer socket and heated rear window

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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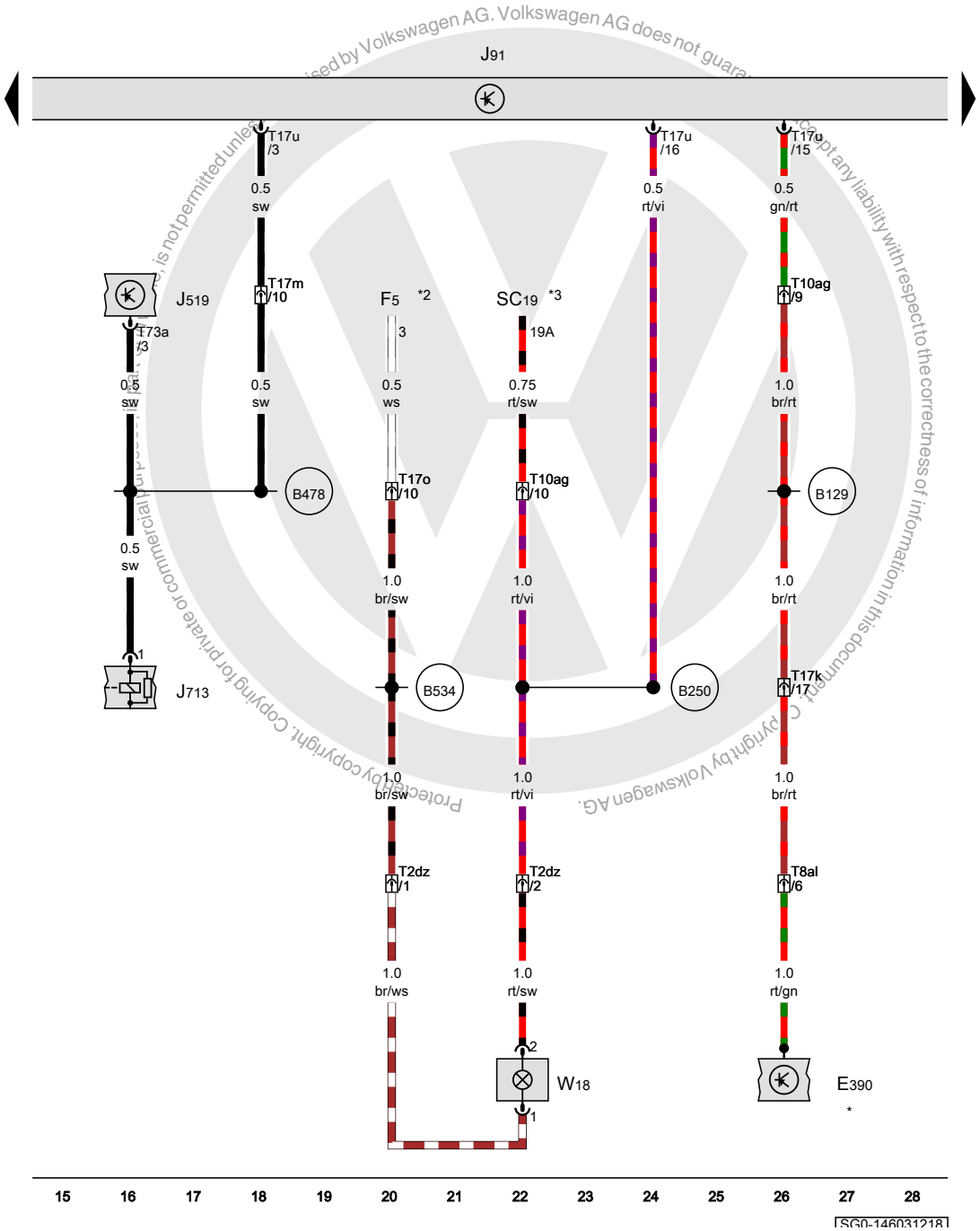

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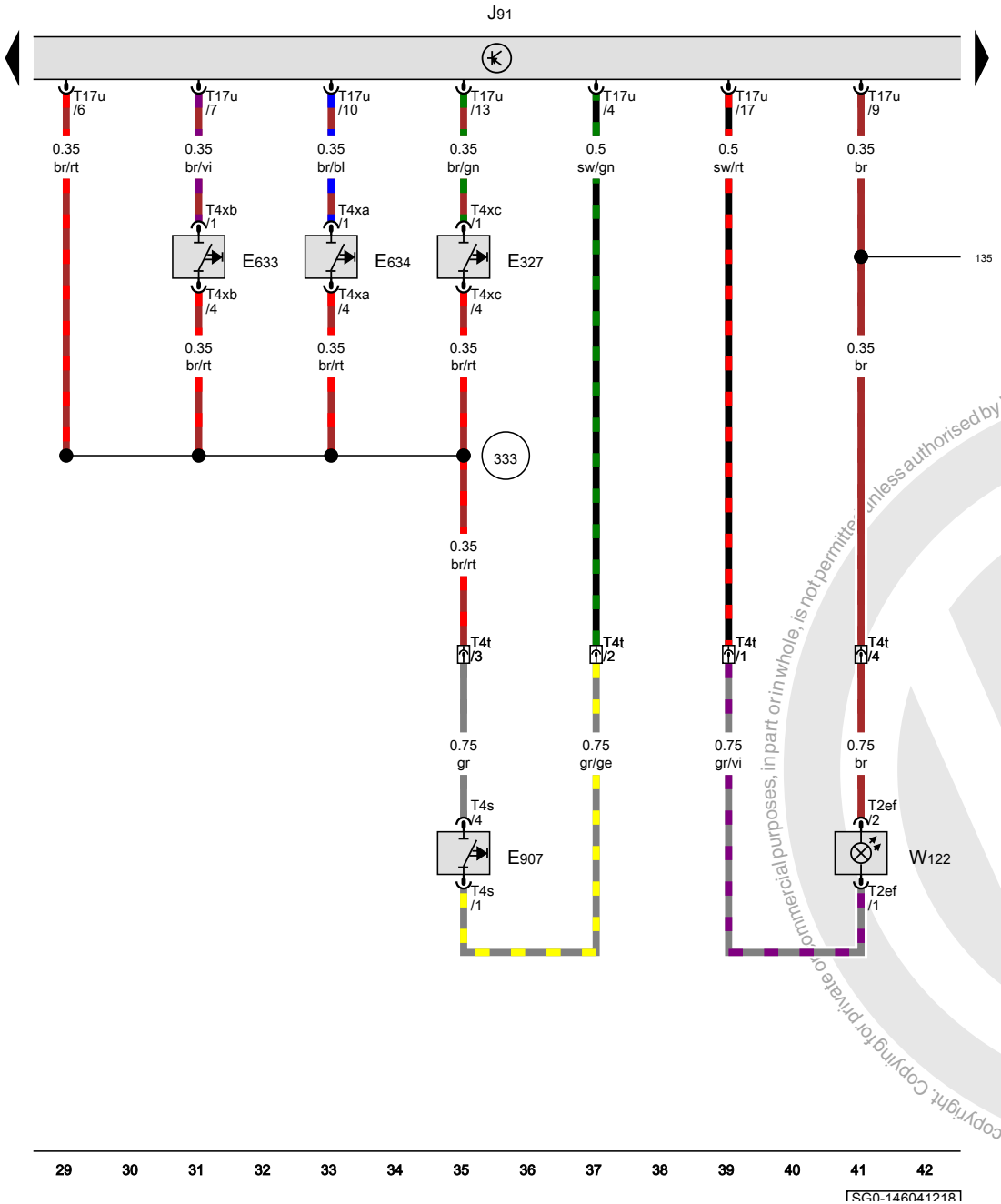
ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Interior lighting central switch button, Reading light relay, Onboard supply control unit, Second battery charging circuit relay, Left luggage compartment light

E390	Interior lighting central switch button
F5	Luggage compartment light switch
J91	Reading light relay, near wheel housing, rear, left
J519	Onboard supply control unit
J713	Second battery charging circuit relay
SC19	Fuse 19 on fuse holder C
T2dz	2-pin connector, black, behind left D-pillar trim
T8al	8-pin connector, black, near front interior light
T10ag	10-pin connector, brown, in left A-pillar coupling station
T17k	17-pin connector, green, in left A-pillar coupling station
T17m	17-pin connector, red, in left A-pillar coupling station
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
T17u	17-pin connector, black
T73a	73-pin connector, black
W18	Left luggage compartment light
B129	Connection (interior light, 31l), in interior wiring harness
B250	Positive connection, in roof wiring harness
B478	Connection 14, in main wiring harness
B534	Connection 1 (luggage compartment switch), in roof wiring harness
*	see applicable current flow diagram for interior lights
*2	see applicable current flow diagram for convenience system
*3	see applicable current flow diagram for fuse assignment



Rear interior light button, Front left reading light button, Front right reading light button, Button for kitchen background lighting, Reading light relay, Kitchen background lighting

E327	Rear interior light button
E633	Front left reading light button
E634	Front right reading light button
E907	Button for kitchen background lighting, in cupboard, front
J91	Reading light relay, near wheel housing, rear, left
T2ef	2-pin connector, black
T4s	4-pin connector, black
T4t	4-pin connector, black, near wheel housing, rear, left
T4xa	4-pin connector, black
T4xb	4-pin connector, black
T4xc	4-pin connector, black
T17u	17-pin connector, black
W122	Kitchen background lighting, in cupboard, front, outer
333	Earth connection 5, in rear wiring harness
1353	Earth connection 7, in rear wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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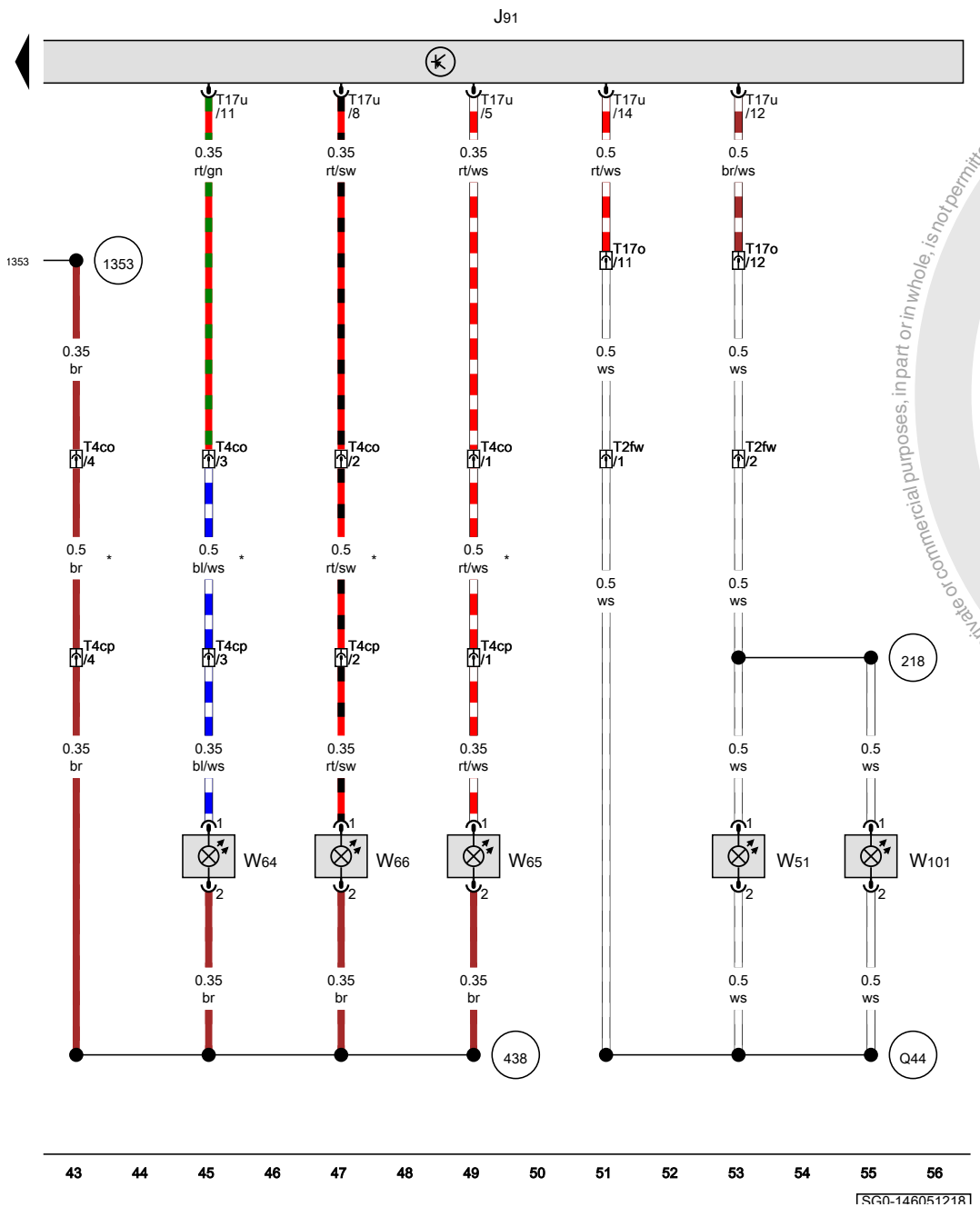
Reading light relay, Rear lid light, Interior light, Front left reading light, Front right reading light, Rear lid light 2



J91	Reading light relay, near wheel housing, rear, left
T2fw	2-pin connector, black, in rear lid
T4co	4-pin connector, black, on rear roof module, middle
T4cp	4-pin connector, black, in rear part of roof, middle
T17o	17-pin connector, black, near left D-pillar, on rear left roof frame
T17u	17-pin connector, black
W51	Rear lid light
W64	Interior light
W65	Front left reading light
W66	Front right reading light
W101	Rear lid light 2
218	Earth connection 1, in rear lid wiring harness
438	Earth connection 3, in roof wiring harness
1353	Earth connection 7, in rear wiring harness
Q44	Connection 2, in rear lid wiring harness
*	Adapter wire

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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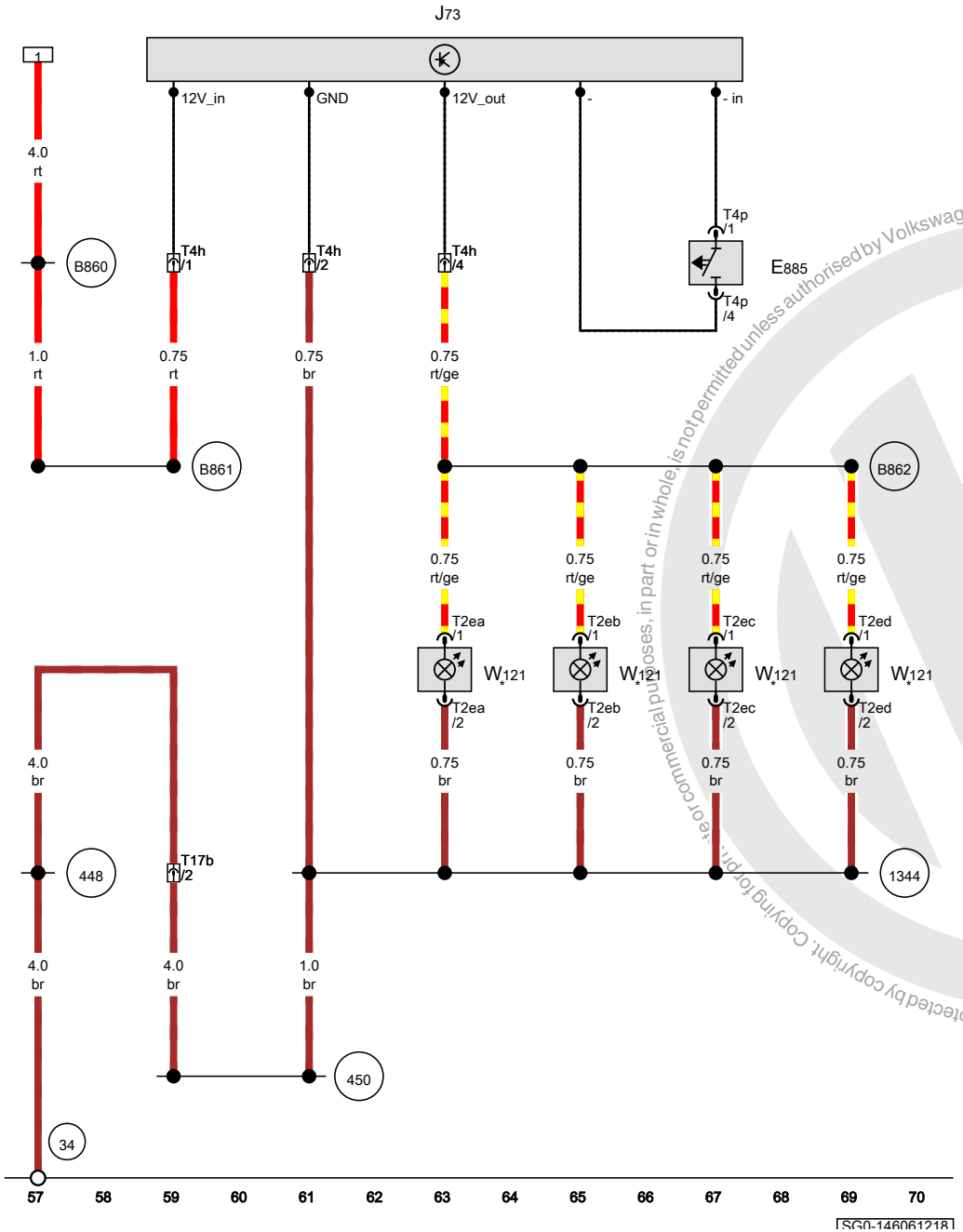

Rear button for rear interior light, Light control relay, Kitchenette light 4

E885	Rear button for rear interior light, in cupboard, front
J73	Light control relay, in cupboard, front, right, top
T2ea	2-pin connector, black, top, left
T2eb	2-pin connector, black, bottom, left
T2ec	2-pin connector, black, top, right
T2ed	2-pin connector, black, bottom, right
T4h	4-pin connector, black, in cupboard, front, right, top
T4p	4-pin connector, black
T17b	17-pin connector, black, in cupboard, bottom
W121	Kitchenette light 4, in cupboard, front
34	Earth point, under driver seat
448	Earth connection 1, in Camper wiring harness
450	Earth connection 3, in Camper wiring harness
1344	Earth connection 5, in Camper wiring harness
B860	Positive connection 8, in Camper wiring harness
B861	Positive connection 9, in Camper wiring harness
B862	Positive connection 10, in Camper wiring harness
*	Pre-wired component

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Seat heating , (L0L),(3E3),(3E7),(3L4),(3L7),(3L8)

From January 2018

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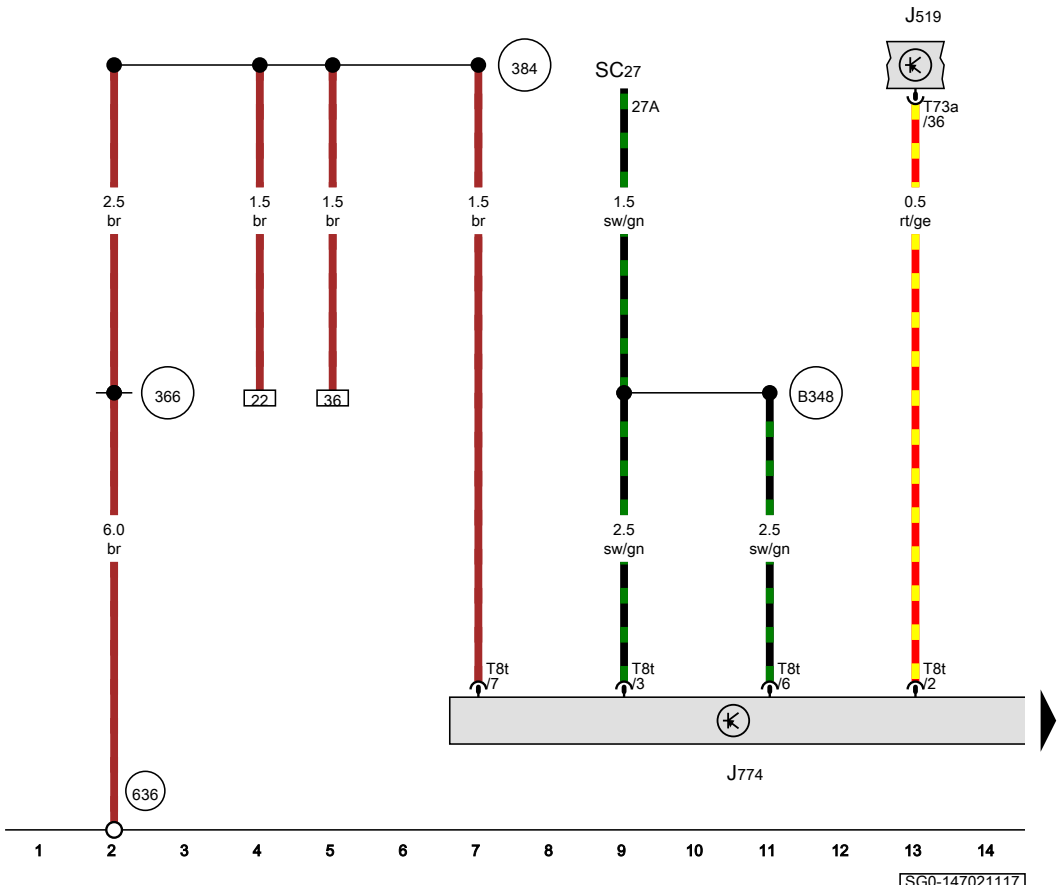
Onboard supply control unit, Heated front seats control unit, Fuse 27 on fuse holder C

J519	Onboard supply control unit
J774	Heated front seats control unit
SC27	Fuse 27 on fuse holder C
T8t	8-pin connector, black
T73a	73-pin connector, black
366	Earth connection 1, in main wiring harness
384	Earth connection 19, in main wiring harness
636	Earth point, onboard supply control unit
B348	Connection 1 (75a), in main wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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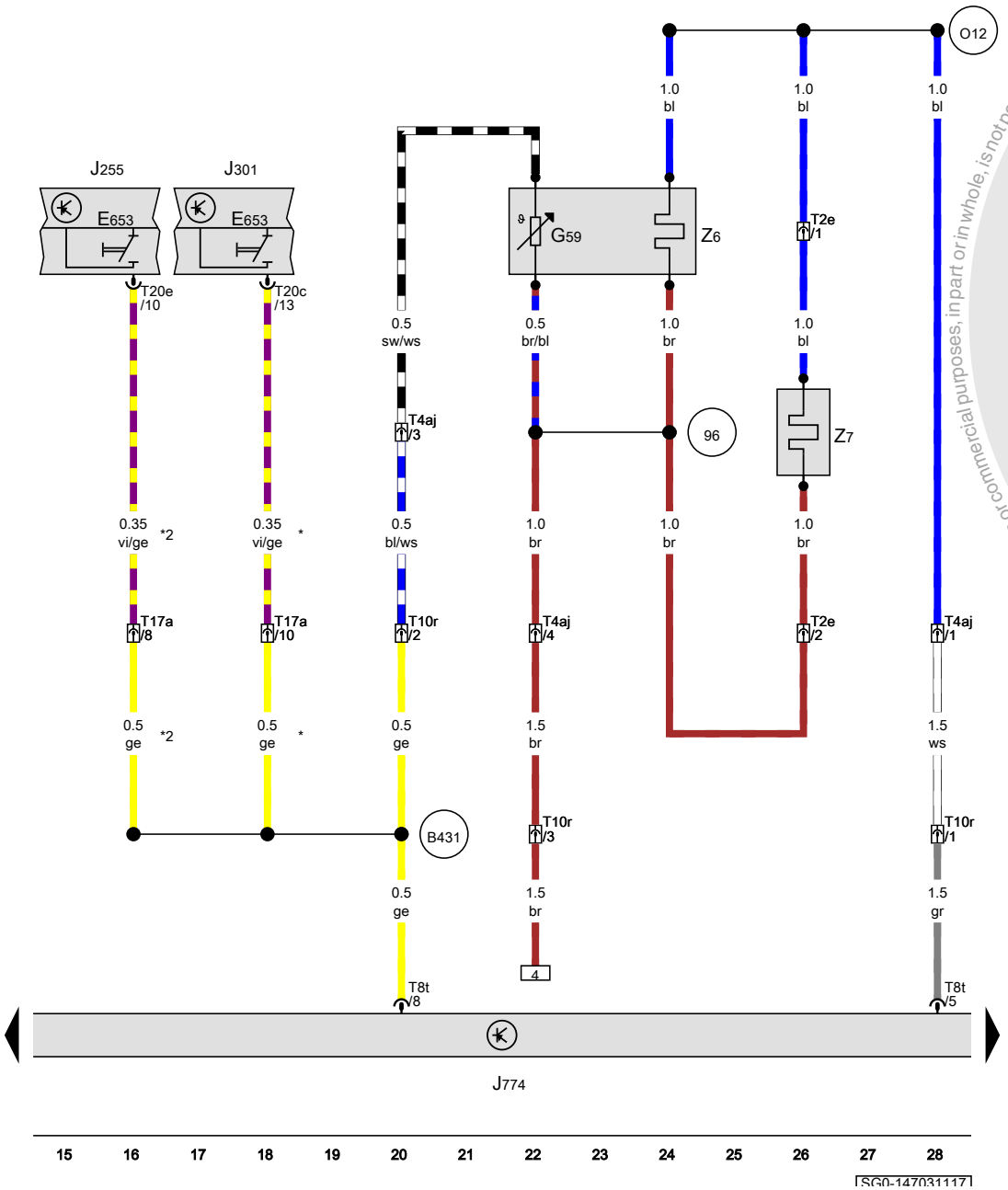
Button for left seat heating, Climatronic control unit, Air conditioning system control unit, Heated front seats control unit, Heated seat cushion for driver seat, Heated backrest for driver seat



E653	Button for left seat heating
G59	Driver seat temperature sensor
J255	Climatronic control unit
J301	Air conditioning system control unit
J774	Heated front seats control unit
T2e	2-pin connector, black, in driver seat
T4aj	4-pin connector, black, under driver seat
T8t	8-pin connector, black
T10r	10-pin connector, black, under seat on front left
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
T20e	20-pin connector, black
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
96	Earth connection 1, in seat heating wiring harness
B431	Connection (seat heating), in main wiring harness
O12	Connection 1, in seat heating wiring harness
*	For models with Climatic
*2	For models with Climatronic

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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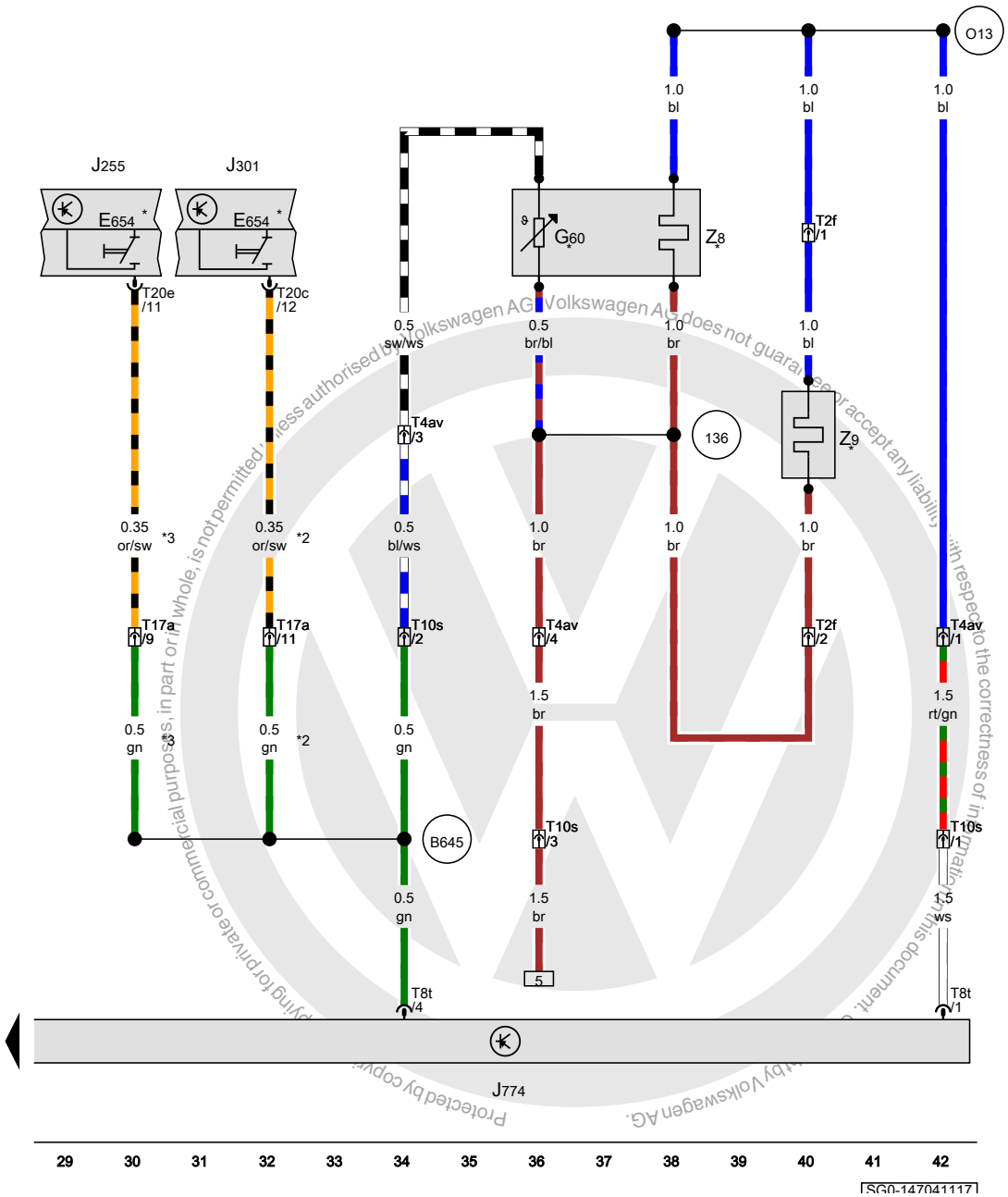

Button for right seat heating, Climatronic control unit, Air conditioning system control unit, Heated front seats control unit, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat

E654	Button for right seat heating
G60	Front passenger seat temperature sensor
J255	Climatronic control unit
J301	Air conditioning system control unit
J774	Heated front seats control unit
T2f	2-pin connector, black, in front passenger seat
T4av	4-pin connector, black, under front passenger seat
T8t	8-pin connector, black
T10s	10-pin connector, black, under seat on front right
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
T20e	20-pin connector, black
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
136	Earth connection 2, in seat heating wiring harness
B645	Connection 2 (seat heating), in main wiring harness
O13	Connection 2, in seat heating wiring harness
*	For models with heated front passenger seat
*2	For models with Climatic
*3	For models with Climatronic

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Seat heating for seats with leather covers , (L0R),(3L0),(3L1),(3L2),(3L3)

From January 2018

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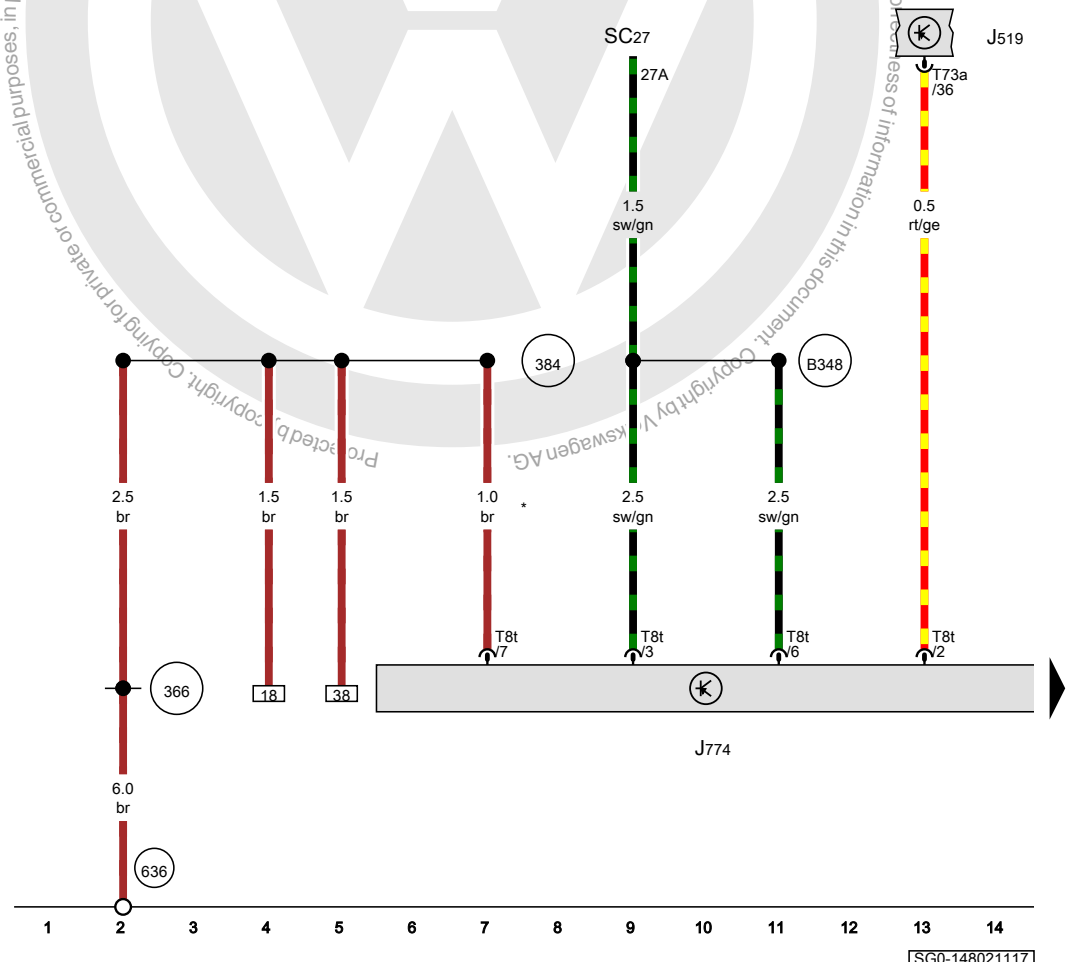
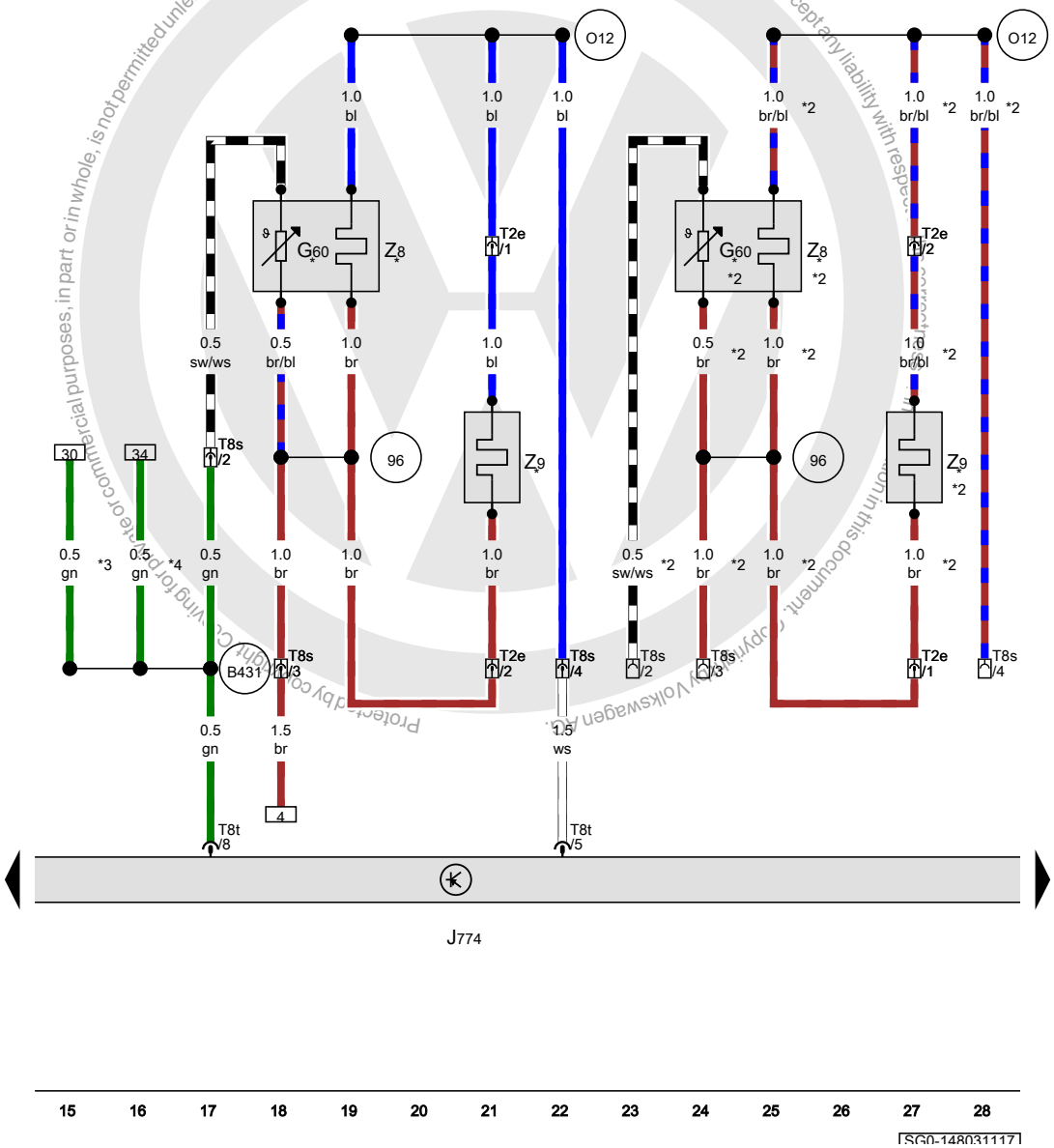


Onboard supply control unit, Heated front seats control unit, Fuse 27 on fuse holder C

J519	Onboard supply control unit
J774	Heated front seats control unit
SC27	Fuse 27 on fuse holder C
T8t	8-pin connector, black
T73a	73-pin connector, black
366	Earth connection 1, in main wiring harness
384	Earth connection 19, in main wiring harness
636	Earth point, onboard supply control unit
B348	Connection 1 (75a), in main wiring harness
*	Cross-section 1.5 possible

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Heated front seats control unit, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat



G60	Front passenger seat temperature sensor
J774	Heated front seats control unit
T2e	2-pin connector, black, in driver seat
T8s	8-pin connector, black, under seat on front left
T8t	8-pin connector, black
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
96	Earth connection 1, in seat heating wiring harness
B431	Connection (seat heating), in main wiring harness
O12	Connection 1, in seat heating wiring harness
*	For models with heated front passenger seat
*2	For models with double seat on front passenger side
*3	For models with Climatronic
*4	For models with Climatic

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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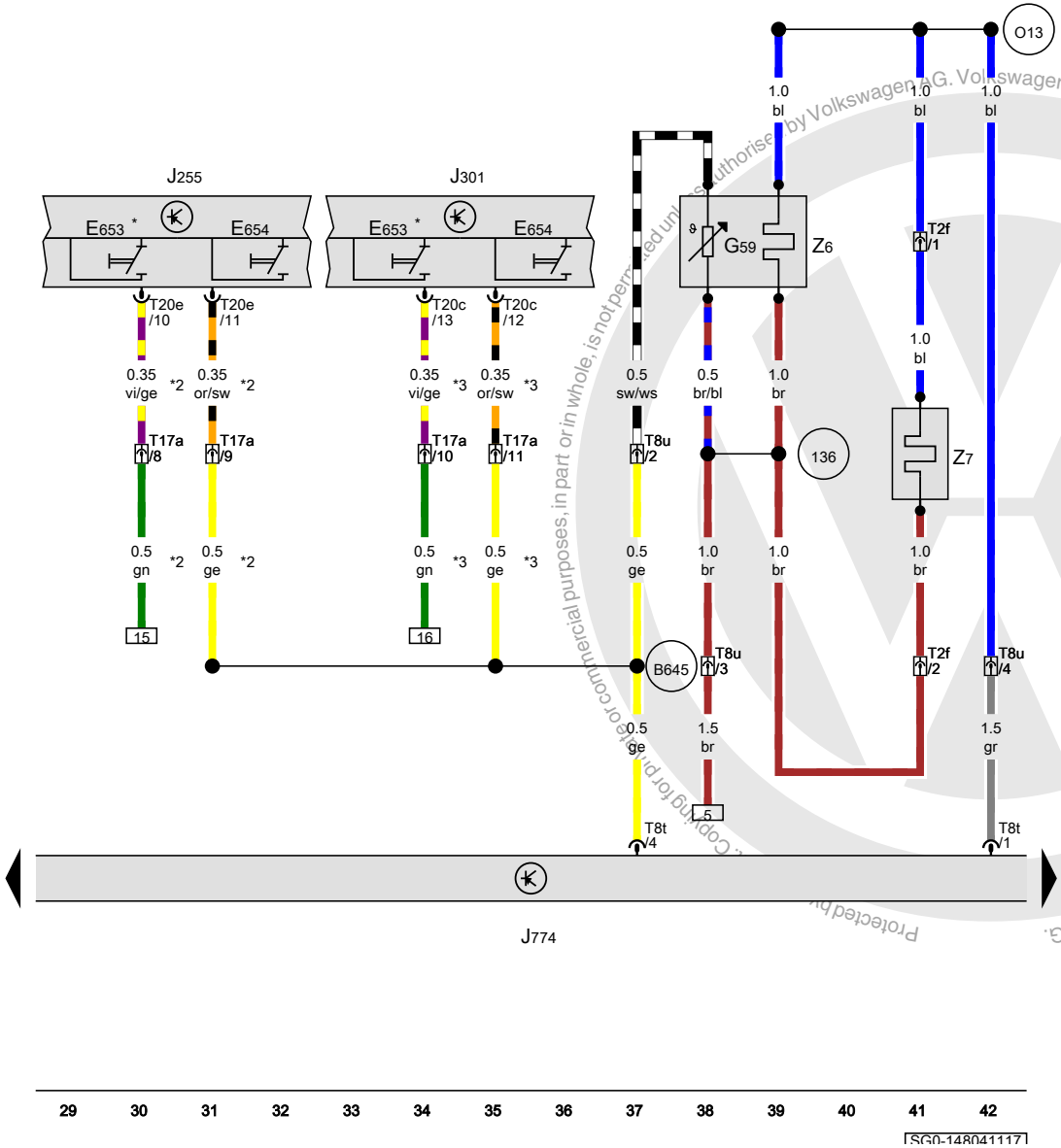
Button for left seat heating, Button for right seat heating, Climatronic control unit, Air conditioning system control unit, Heated front seats control unit, Heated seat cushion for driver seat, Heated backrest for driver seat



E653	Button for left seat heating
E654	Button for right seat heating
G59	Driver seat temperature sensor
J255	Climatronic control unit
J301	Air conditioning system control unit
J774	Heated front seats control unit
T2f	2-pin connector, black, in front passenger seat
T8t	8-pin connector, black
T8u	8-pin connector, black, under seat on front right
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
T20e	20-pin connector, black
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
136	Earth connection 2, in seat heating wiring harness
B645	Connection 2 (seat heating), in main wiring harness
O13	Connection 2, in seat heating wiring harness
*	For models with heated front passenger seat
*2	For models with Climatronic
*3	For models with Climatic

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Seat heating , (L0R),(3E3),(3E7),(3L4),(3L7),(3L8)

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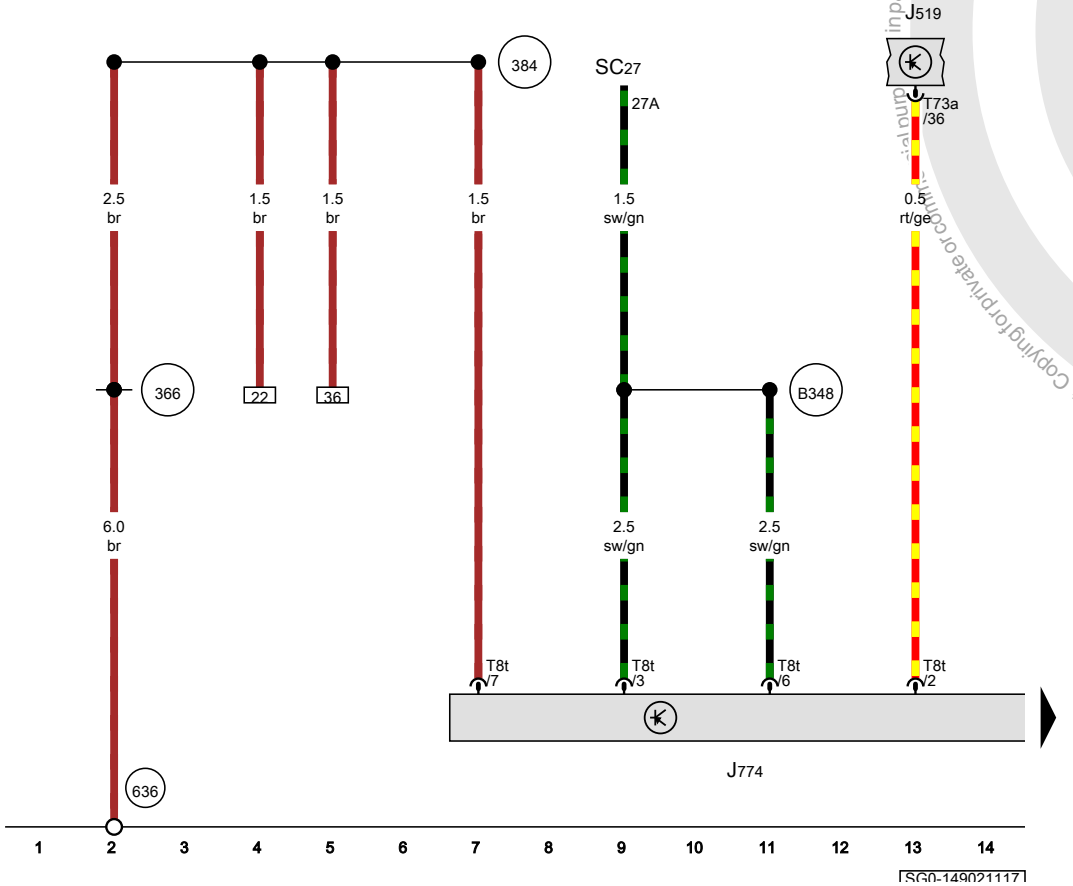
Onboard supply control unit, Heated front seats control unit, Fuse 27 on fuse holder C

J519	Onboard supply control unit
J774	Heated front seats control unit
SC27	Fuse 27 on fuse holder C
T8t	8-pin connector, black
T73a	73-pin connector, black
366	Earth connection 1, in main wiring harness
384	Earth connection 19, in main wiring harness
636	Earth point, onboard supply control unit
B348	Connection 1 (75a), in main wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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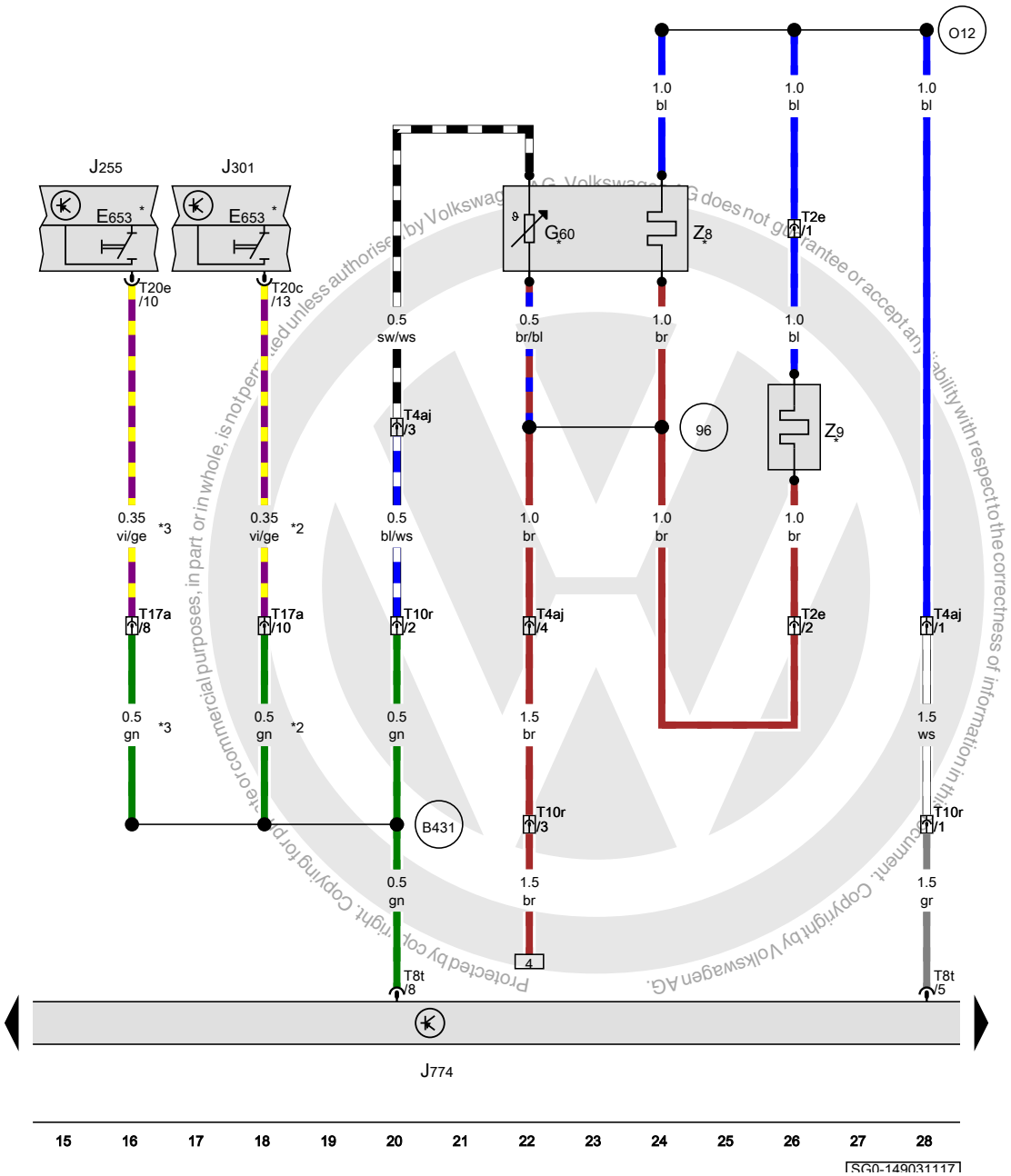

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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Button for left seat heating, Climatronic control unit, Air conditioning system control unit, Heated front seats control unit, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat

E653	Button for left seat heating
G60	Front passenger seat temperature sensor
J255	Climatronic control unit
J301	Air conditioning system control unit
J774	Heated front seats control unit
T2e	2-pin connector, black, in driver seat
T4aj	4-pin connector, black, under front passenger seat
T8t	8-pin connector, black
T10r	10-pin connector, black, under seat on front left
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
T20e	20-pin connector, black
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
96	Earth connection 1, in seat heating wiring harness
B431	Connection (seat heating), in main wiring harness
O12	Connection 1, in seat heating wiring harness
*	For models with heated front passenger seat
*2	For models with Climatic
*3	For models with Climatronic

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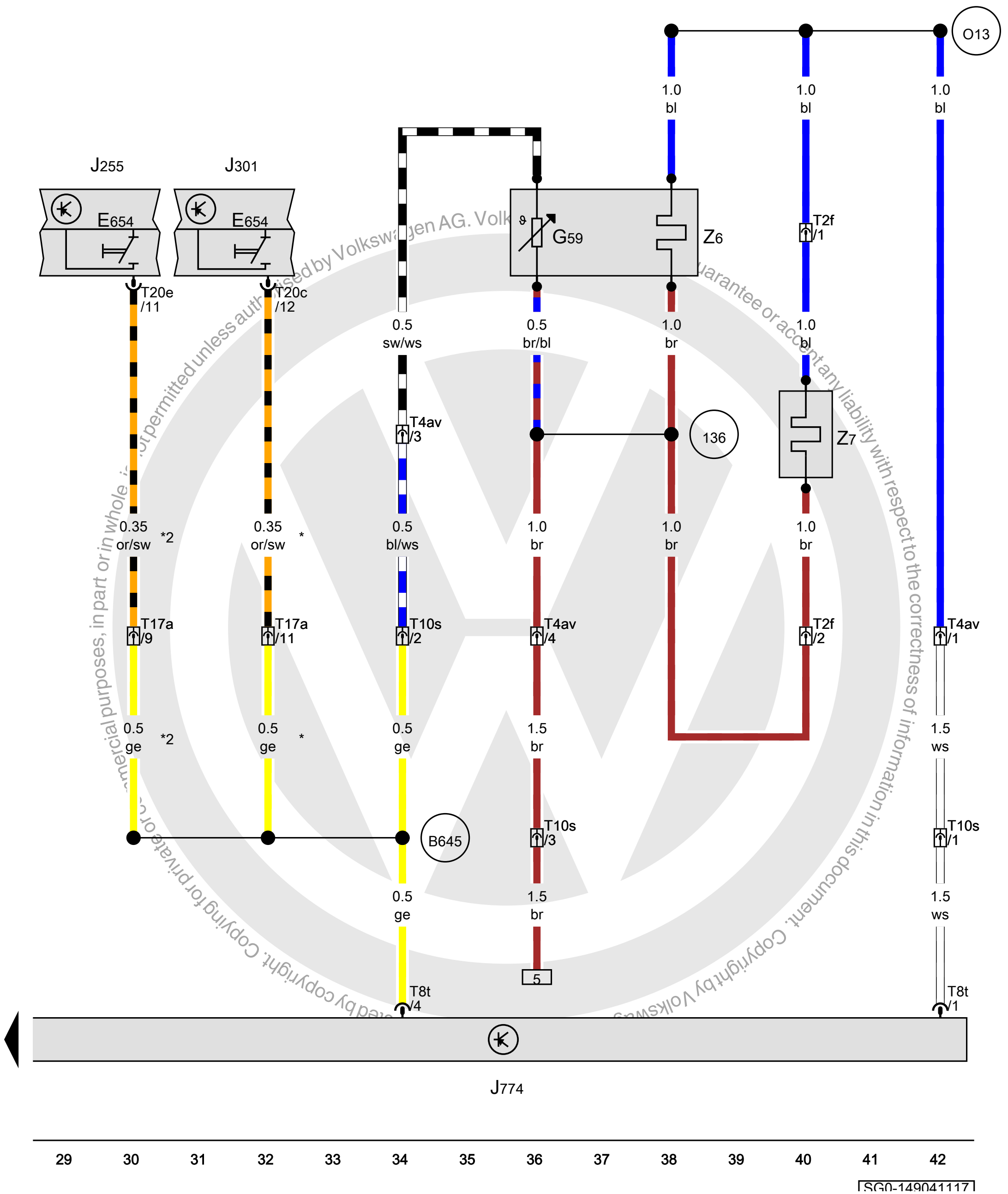
Button for right seat heating, Climatronic control unit, Air conditioning system control unit, Heated front seats control unit, Heated seat cushion for driver seat, Heated backrest for driver seat



E654	Button for right seat heating
G59	Driver seat temperature sensor
J255	Climatronic control unit
J301	Air conditioning system control unit
J774	Heated front seats control unit
T2f	2-pin connector, black, in front passenger seat
T4av	4-pin connector, black, under driver seat
T8t	8-pin connector, black
T10s	10-pin connector, black, under seat on front right
T17a	17-pin connector, black, behind glove compartment
T20c	20-pin connector, black
T20e	20-pin connector, black
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
136	Earth connection 2, in seat heating wiring harness
B645	Connection 2 (seat heating), in main wiring harness
O13	Connection 2, in seat heating wiring harness
*	For models with Climatic
*2	For models with Climatronic

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Auxiliary coolant heater, with remote control receiver/ preselection clock , (7VE),(7VL)

From June 2016

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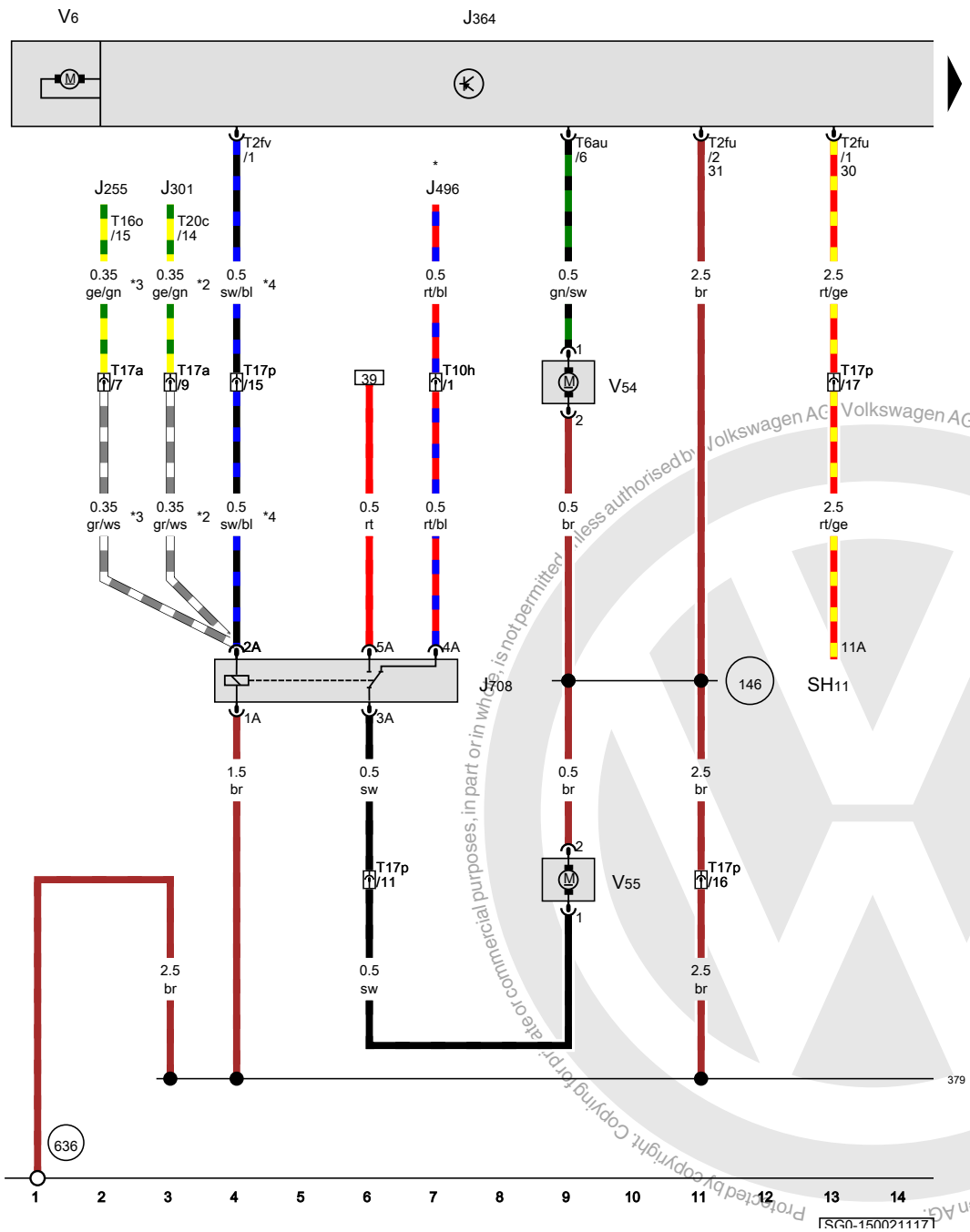

Auxiliary heater control unit, Residual heat relay, Fuse 11 in fuse holder H, Combustion air blower, Metering pump, Circulation pump

J255	Climatronic control unit
J301	Air conditioning system control unit
J364	Auxiliary heater control unit
J496	Additional coolant pump relay
J708	Residual heat relay
SH11	Fuse 11 in fuse holder H
T2fu	2-pin connector, black
T2fv	2-pin connector, black
T6au	6-pin connector, black
T10h	10-pin connector, orange, in E-box in engine compartment
T16o	16-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T17p	17-pin connector, red, under seat on front left
T20c	20-pin connector, black
V6	Combustion air blower
V54	Metering pump
V55	Circulation pump
146	Earth connection 1, in auxiliary heater wiring harness
379	Earth connection 14, in main wiring harness
636	Earth point, onboard supply control unit
*	see applicable current flow diagram for engine
*2	For models with Climatic
*3	For models with Climatronic
*4	For models with no air conditioning system/Climatronic

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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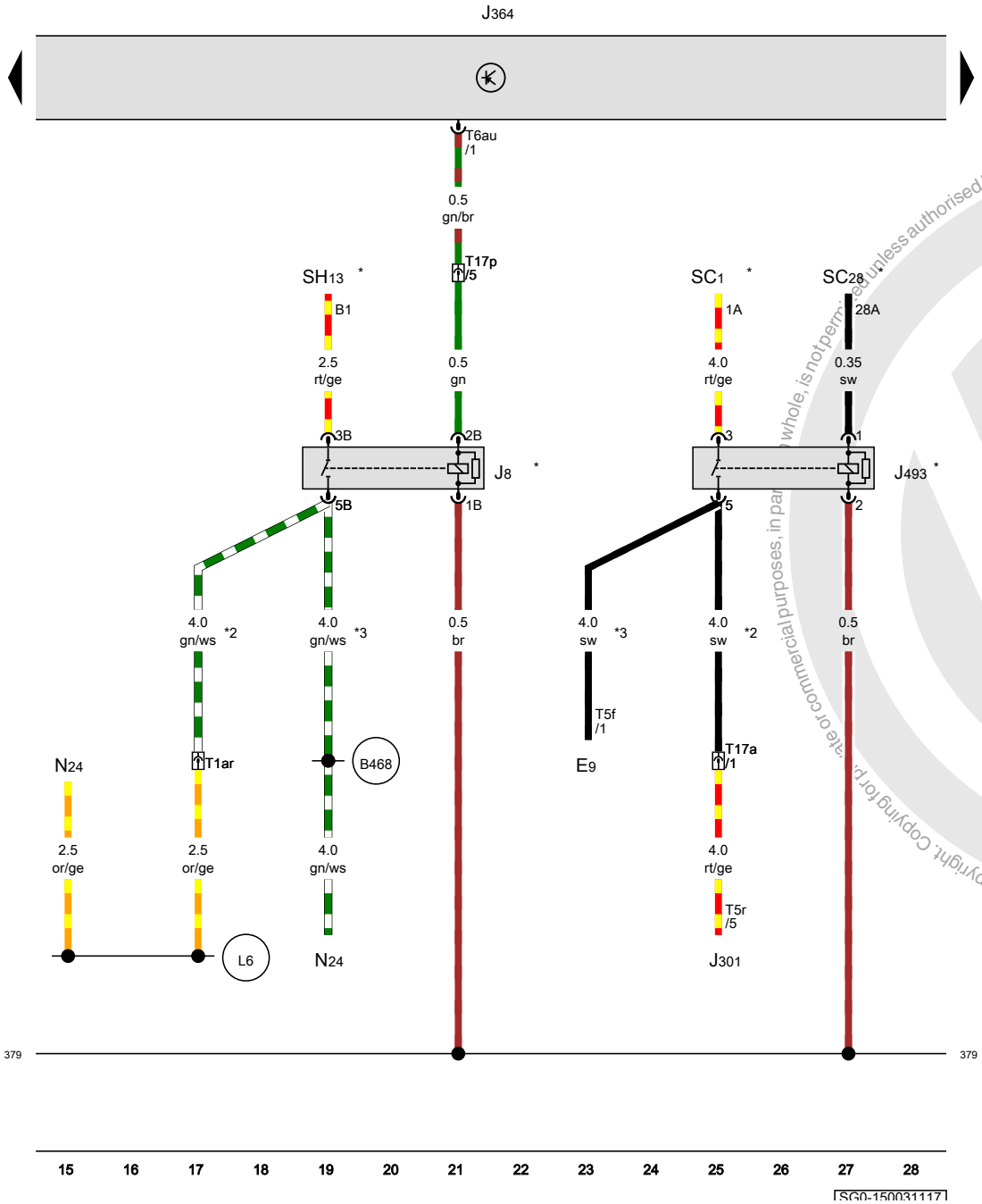

Auxiliary heater relay, Auxiliary heater control unit, Auxiliary coolant heater relay, Fuse 1 on fuse holder C, Fuse 13 in fuse holder H, Fuse 28 on fuse holder C

E9	Fresh air blower switch
J8	Auxiliary heater relay
J301	Air conditioning system control unit
J364	Auxiliary heater control unit
J493	Auxiliary coolant heater relay
N24	Fresh air blower series resistor with overheating fuse
SC1	Fuse 1 on fuse holder C
SH13	Fuse 13 in fuse holder H
SC28	Fuse 28 on fuse holder C
T1ar	1-pin connector, black, behind glove compartment
T5f	5-pin connector, black
T5r	5-pin connector, black
T6au	6-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T17p	17-pin connector, red, under seat on front left
379	Earth connection 14, in main wiring harness
B468	Connection 4, in main wiring harness
L6	Connection 2, in evaporator housing unit wiring harness
*	For models with no Climatronic
*2	For models with Climatic
*3	For models with no air conditioning system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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ge	=	yellow
or	=	orange
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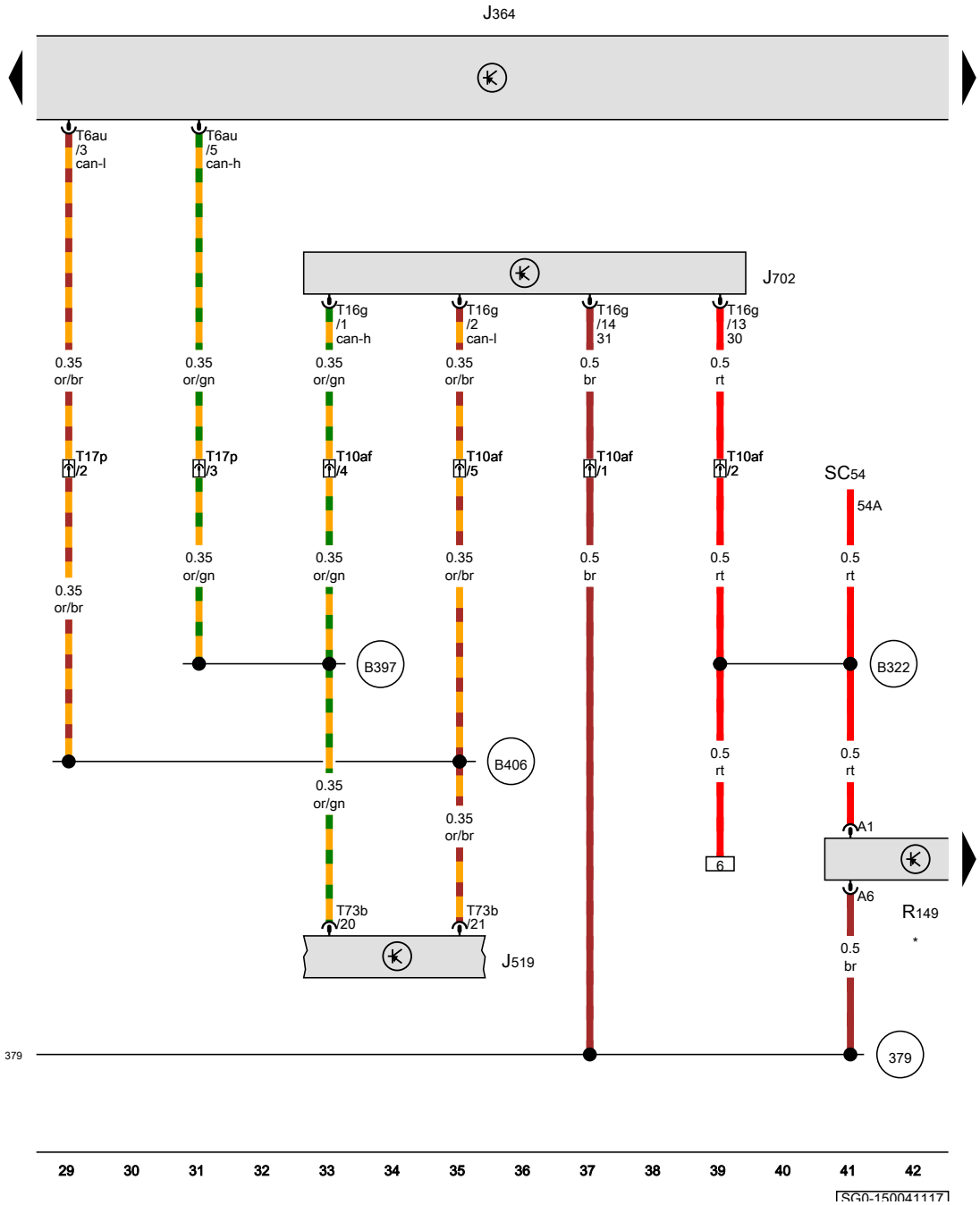

Auxiliary heater control unit, Onboard supply control unit, Roof display unit, Remote control receiver for auxiliary coolant heater, Fuse 54 on fuse holder C

J364	Auxiliary heater control unit
J519	Onboard supply control unit
J702	Roof display unit
R149	Remote control receiver for auxiliary coolant heater
SC54	Fuse 54 on fuse holder C
T6au	6-pin connector, black
T10af	10-pin connector, blue, in left A-pillar coupling station
T16g	16-pin connector, black
T17p	17-pin connector, red, under seat on front left
T73b	73-pin connector, white
379	Earth connection 14, in main wiring harness
B322	Positive connection 8 (30a) in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	For models with remote control receiver for auxiliary heater

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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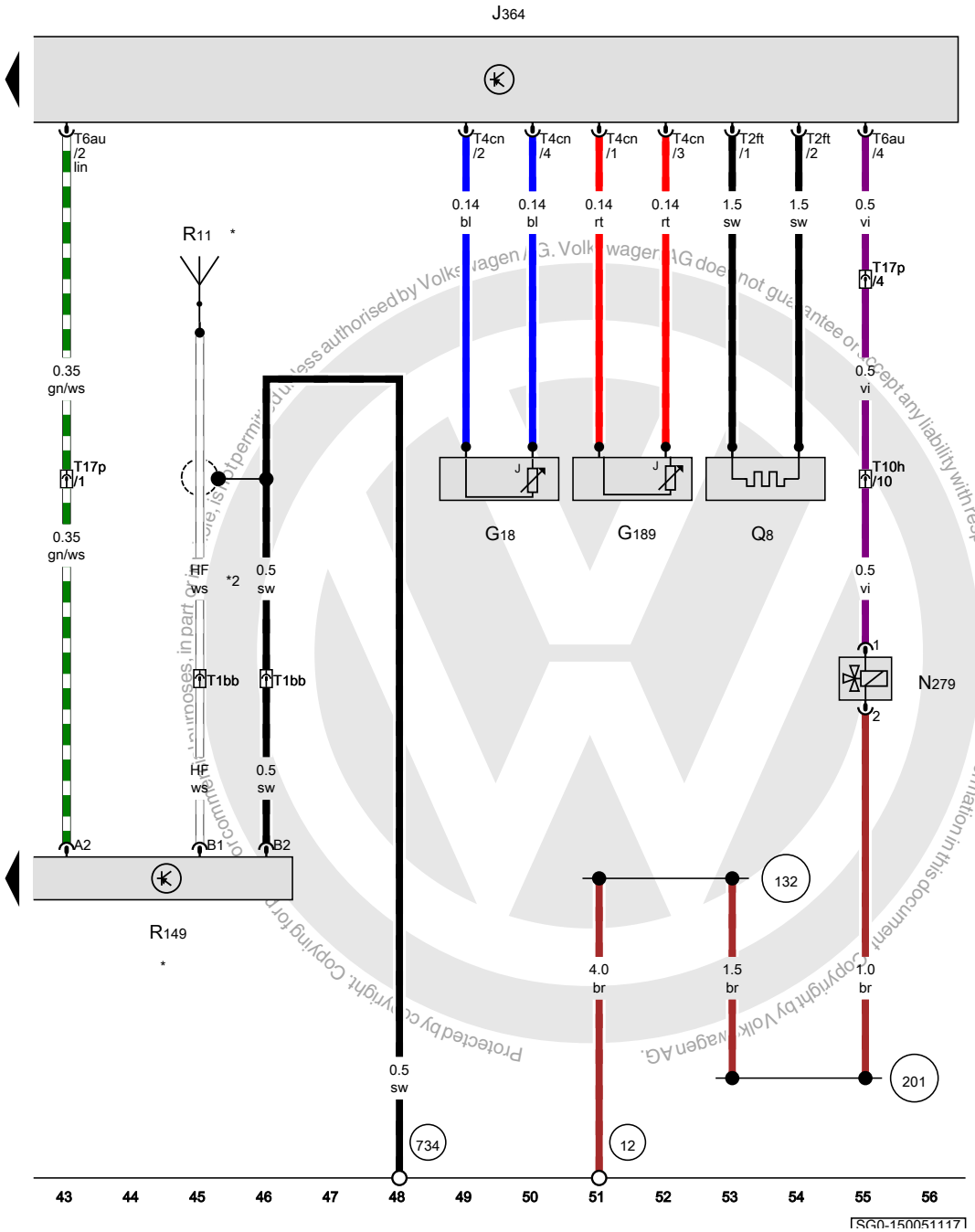

Temperature sensor, Auxiliary heater control unit, Heater coolant shut-off valve, Glow plug with flame monitor, Aerial, Remote control receiver for auxiliary coolant heater

G18	Temperature sensor
G189	Overheating sensor
J364	Auxiliary heater control unit
N279	Heater coolant shut-off valve
Q8	Glow plug with flame monitor
R11	Aerial, in front left door
R149	Remote control receiver for auxiliary coolant heater
T1bb	1-pin connector, yellow, on left A-pillar
T2ft	2-pin connector, black
T4cn	4-pin connector, black
T6au	6-pin connector, black
T10h	10-pin connector, orange, in E-box in engine compartment
T17p	17-pin connector, red, under seat on front left
12	Earth point, on left in engine compartment
132	Earth connection 3, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
734	Earth point in front left door
*	For models with remote control receiver for auxiliary heater
*2	Wiring open end

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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rs	=	pink

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Auxiliary coolant heater, with remote control receiver/ preselection clock , (7VE),(7VL)

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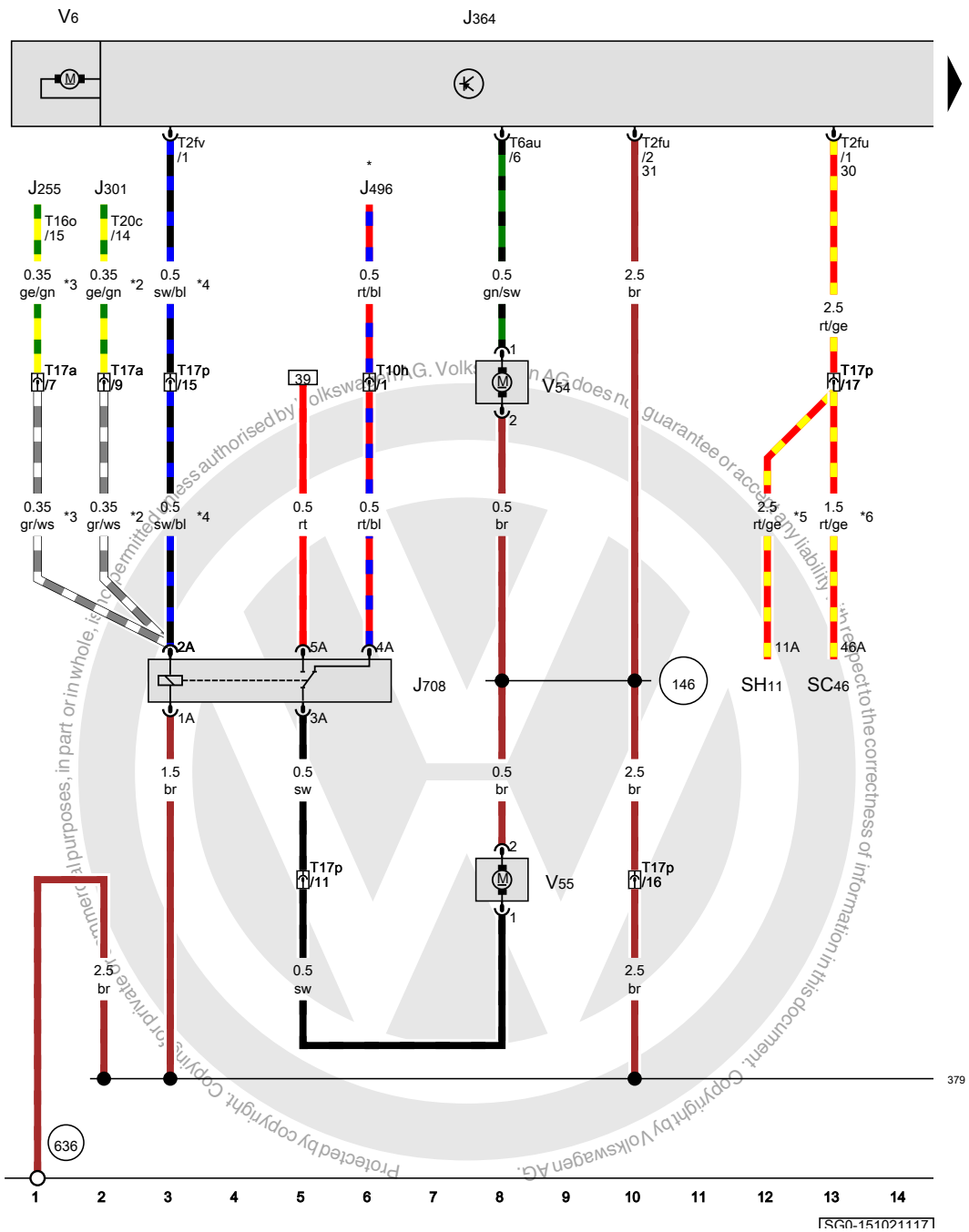

Auxiliary heater control unit, Residual heat relay, Fuse 11 in fuse holder H, Fuse 46 on fuse holder C, Combustion air blower, Metering pump, Circulation pump

J255	Climatronic control unit
J301	Air conditioning system control unit
J364	Auxiliary heater control unit
J496	Additional coolant pump relay
J708	Residual heat relay
SH11	Fuse 11 in fuse holder H
SC46	Fuse 46 on fuse holder C
T2fu	2-pin connector, black
T2fv	2-pin connector, black
T6au	6-pin connector, black
T10h	10-pin connector, orange, in E-box in engine compartment
T16o	16-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T17p	17-pin connector, red, under seat on front left
T20c	20-pin connector, black
V6	Combustion air blower
V54	Metering pump
V55	Circulation pump
146	Earth connection 1, in auxiliary heater wiring harness
379	Earth connection 14, in main wiring harness
636	Earth point, onboard supply control unit
*	see applicable current flow diagram for engine
*2	For models with Climatic
*3	For models with Climatronic
*4	For models with no air conditioning system/Climatronic
*5	For models with no start/stop system
*6	For models with start/stop system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
rs	=	pink

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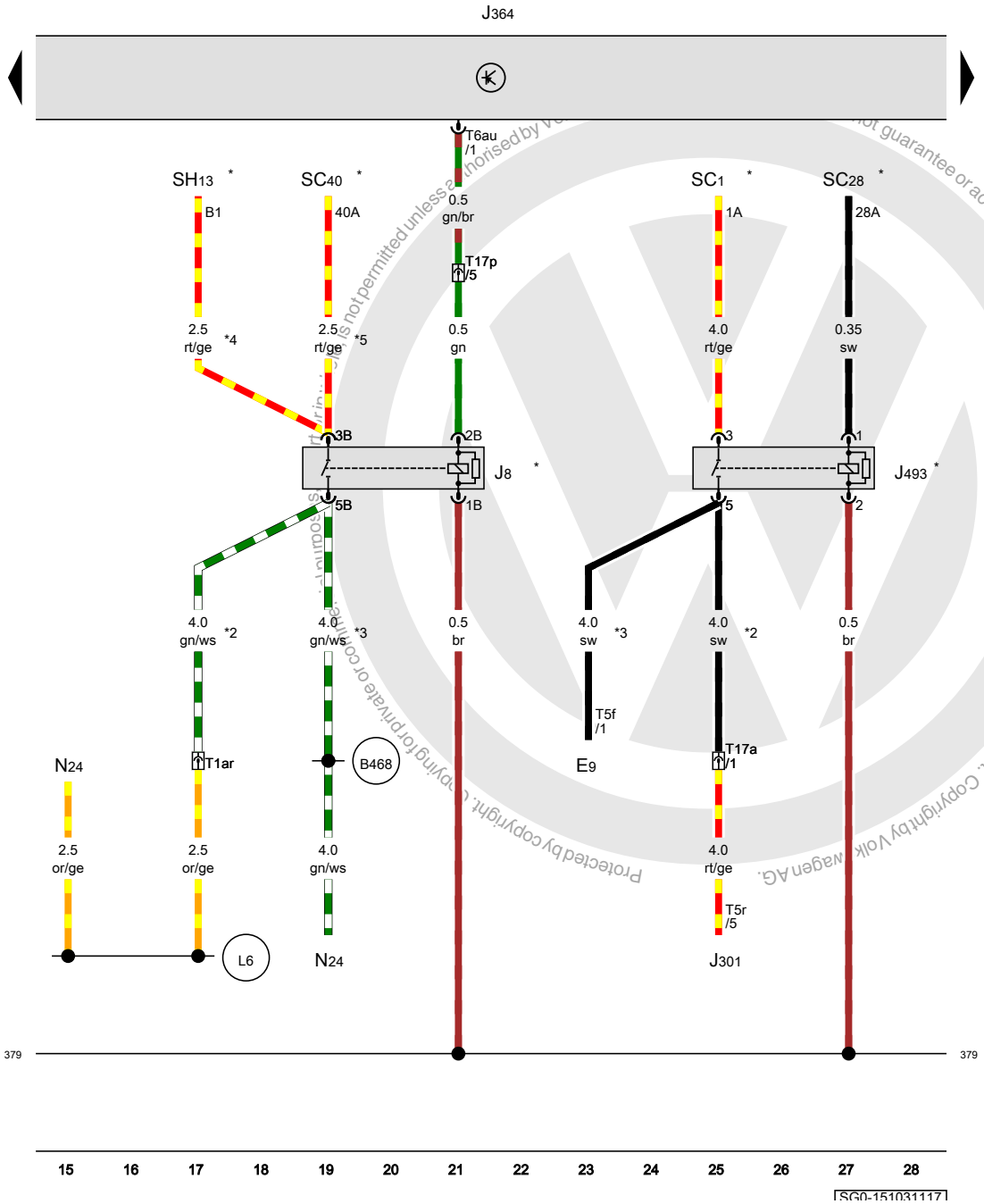

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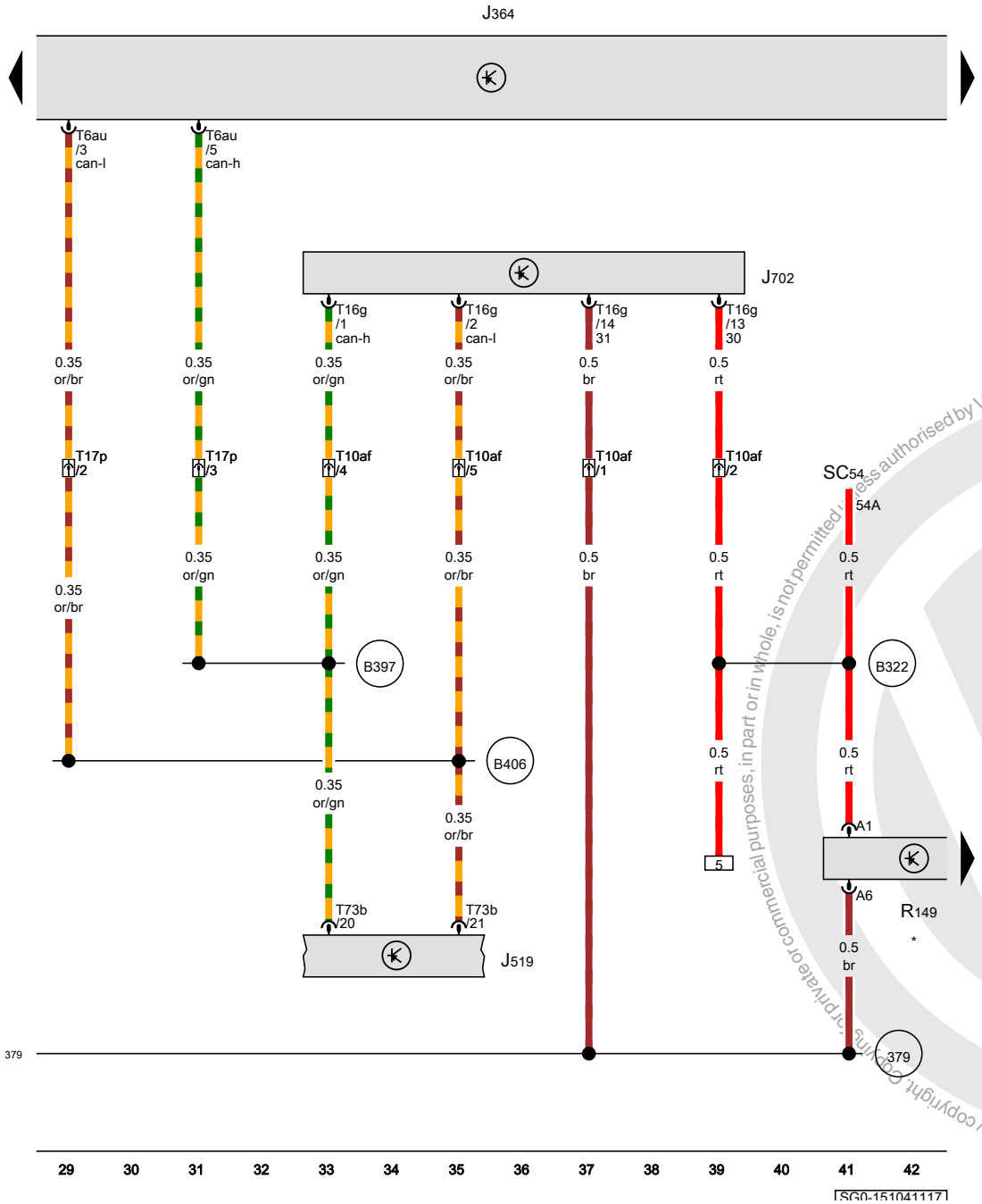
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Auxiliary heater relay, Auxiliary heater control unit, Auxiliary coolant heater relay, Fuse 1 on fuse holder C, Fuse 13 in fuse holder H, Fuse 28 on fuse holder C, Fuse 40 on fuse holder C

E9	Fresh air blower switch
J8	Auxiliary heater relay
J301	Air conditioning system control unit
J364	Auxiliary heater control unit
J493	Auxiliary coolant heater relay
N24	Fresh air blower series resistor with overheating fuse
SC1	Fuse 1 on fuse holder C
SH13	Fuse 13 in fuse holder H
SC28	Fuse 28 on fuse holder C
SC40	Fuse 40 on fuse holder C
T1ar	1-pin connector, black, behind glove compartment
T5f	5-pin connector, black
T5r	5-pin connector, black
T6au	6-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T17p	17-pin connector, red, under seat on front left
379	Earth connection 14, in main wiring harness
B468	Connection 4, in main wiring harness
L6	Connection 2, in evaporator housing unit wiring harness
*	For models with no Climatronic
*2	For models with Climatic
*3	For models with no air conditioning system
*4	For models with no start/stop system
*5	For models with start/stop system



Auxiliary heater control unit, Onboard supply control unit, Roof display unit, Remote control receiver for auxiliary coolant heater, Fuse 54 on fuse holder C

J364	Auxiliary heater control unit
J519	Onboard supply control unit
J702	Roof display unit
R149	Remote control receiver for auxiliary coolant heater
SC54	Fuse 54 on fuse holder C
T6au	6-pin connector, black
T10af	10-pin connector, blue, in left A-pillar coupling station
T16g	16-pin connector, black
T17p	17-pin connector, red, under seat on front left
T73b	73-pin connector, white
379	Earth connection 14, in main wiring harness
B322	Positive connection 8 (30a) in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	For models with remote control receiver for auxiliary heater

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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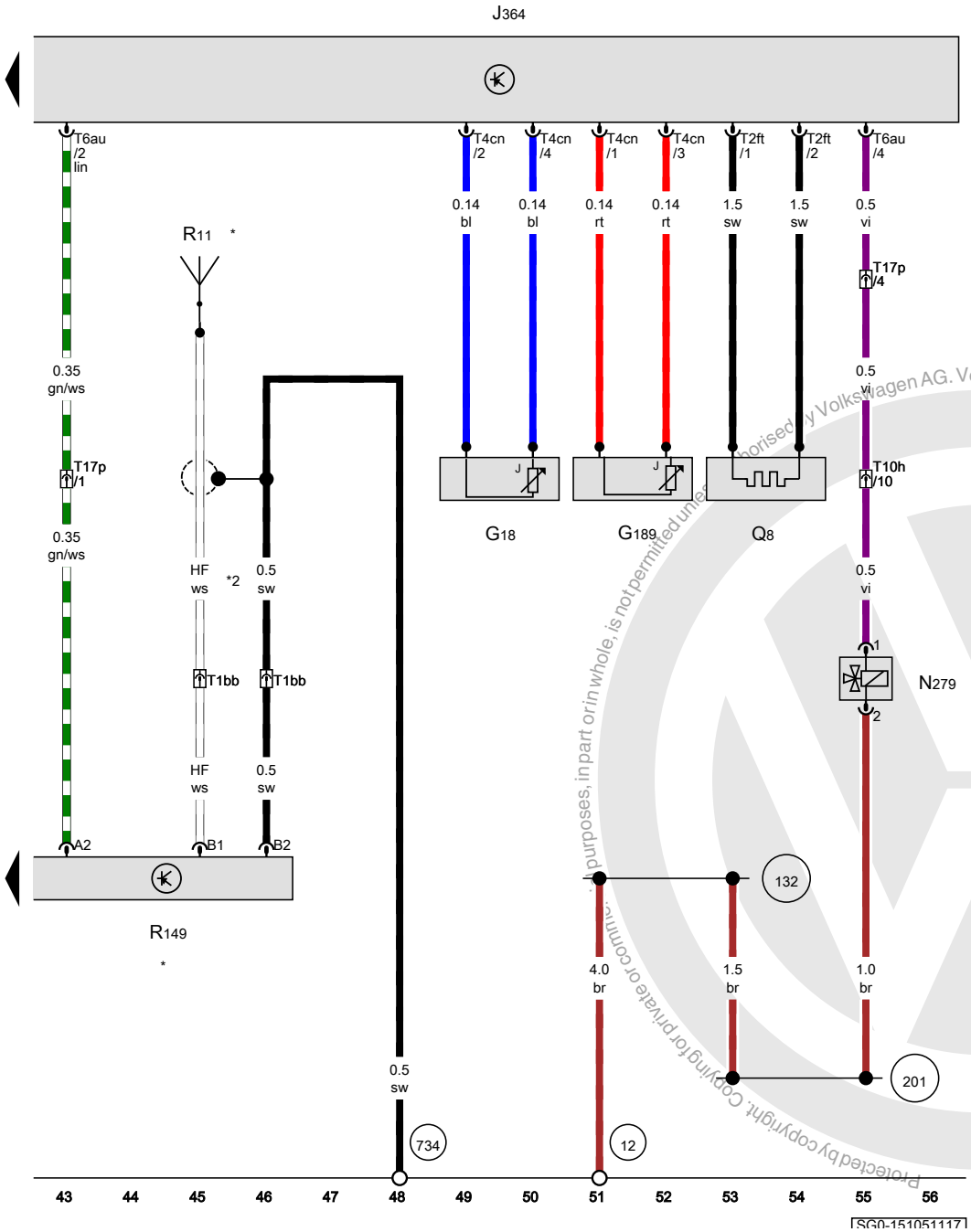

Temperature sensor, Auxiliary heater control unit, Heater coolant shut-off valve, Glow plug with flame monitor, Aerial, Remote control receiver for auxiliary coolant heater

G18	Temperature sensor
G189	Overheating sensor
J364	Auxiliary heater control unit
N279	Heater coolant shut-off valve
Q8	Glow plug with flame monitor
R11	Aerial, in front left door
R149	Remote control receiver for auxiliary coolant heater
T1bb	1-pin connector, yellow, on left A-pillar
T2ft	2-pin connector, black
T4cn	4-pin connector, black
T6au	6-pin connector, black
T10h	10-pin connector, orange, in E-box in engine compartment
T17p	17-pin connector, red, under seat on front left
12	Earth point, on left in engine compartment
132	Earth connection 3, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
734	Earth point in front left door
*	For models with remote control receiver for auxiliary heater
*2	Wiring open end

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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2.0l diesel engine with start/stop system , CXFA,CXGA,CXGB,CXHA,CXHB,(7L6),(7MM)

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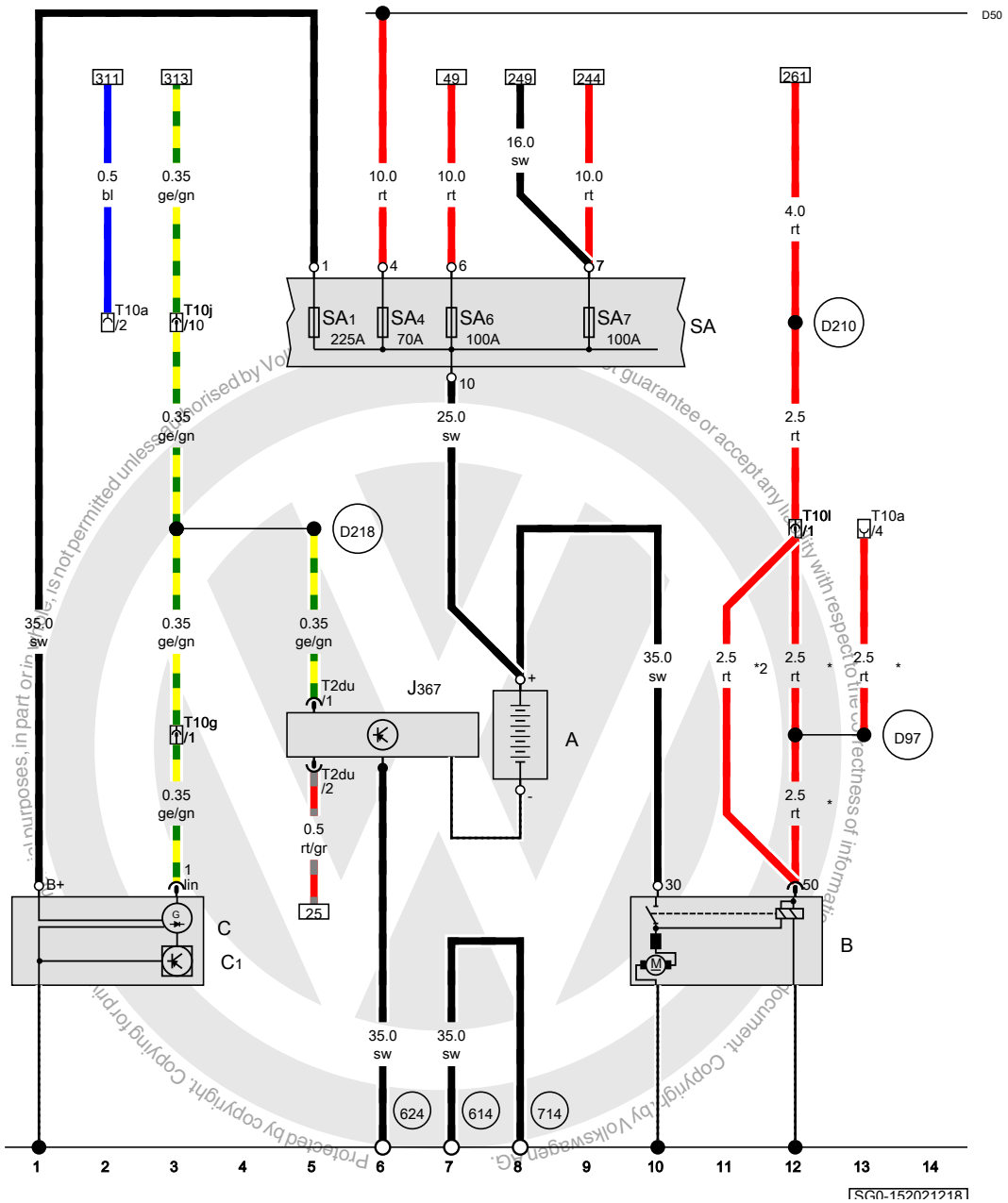

Battery, Starter, Alternator, Voltage regulator, Fuse holder A

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J367	Battery monitor control unit
SA	Fuse holder A, in E-box in engine compartment
SA1	Fuse 1 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
T2du	2-pin connector, black
T10a	10-pin connector, brown, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T10j	10-pin connector, dark brown, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
614	Earth point 2, on right in engine compartment
624	Earth point, starter battery
714	Earth point on right of engine
D50	Positive connection (30), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D210	Connection (50), in engine compartment wiring harness
D218	Connection 1 (LIN bus) in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox (DSG)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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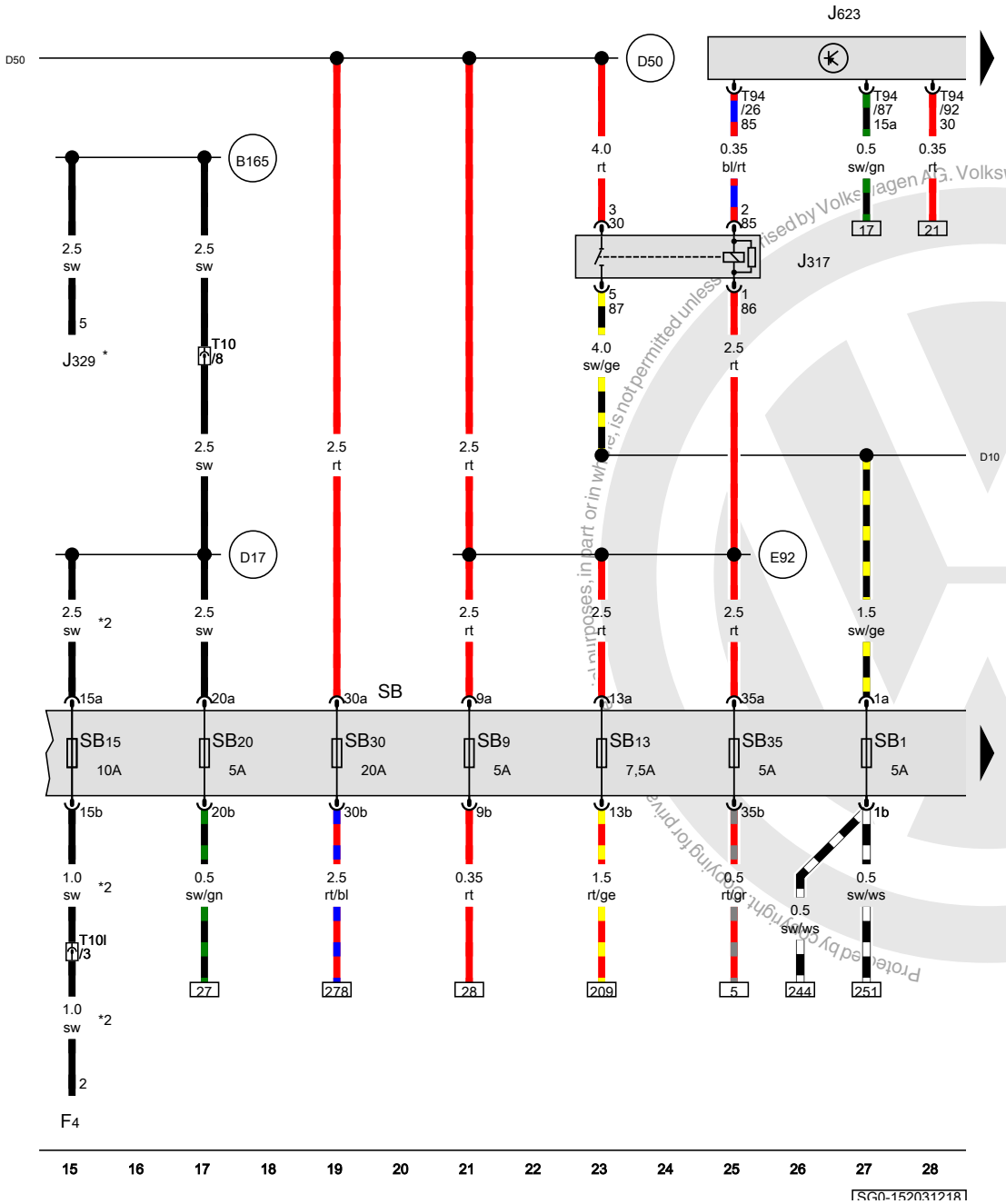

Terminal 30 voltage supply relay, Engine/motor control unit, Fuse holder B

F4	Reversing light switch
J317	Terminal 30 voltage supply relay, in E-box
J329	Terminal 15 voltage supply relay
J623	Engine/motor control unit, in E-box in engine compartment
SB	Fuse holder B, in E-box in engine compartment
SB1	Fuse 1 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB30	Fuse 30 on fuse holder B
SB35	Fuse 35 on fuse holder B
T10	10-pin connector, black, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T94	94-pin connector, black
B165	Positive connection 2 (15), in interior wiring harness
D17	Positive connection 1 (15), in engine harness
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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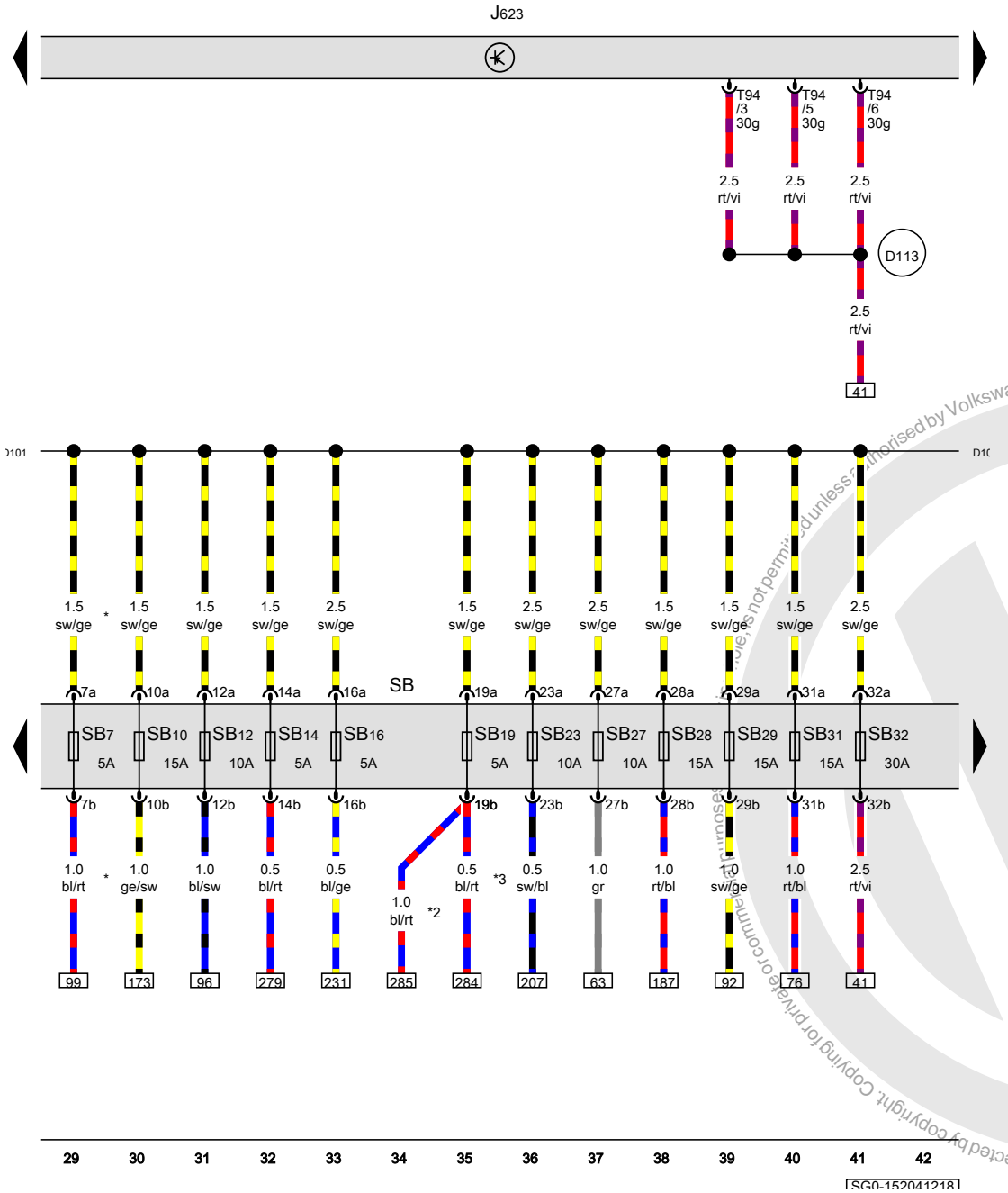

Engine/motor control unit, Fuse holder B

J623	Engine/motor control unit, in E-box in engine compartment
SB	Fuse holder B, in E-box in engine compartment
SB7	Fuse 7 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB19	Fuse 19 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB29	Fuse 29 on fuse holder B
SB31	Fuse 31 on fuse holder B
SB32	Fuse 32 on fuse holder B
T94	94-pin connector, black
D101	Connection 1 in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness
*	For models with crankcase breather heater element
*2	For models with manual gearbox
*3	For models with dual clutch gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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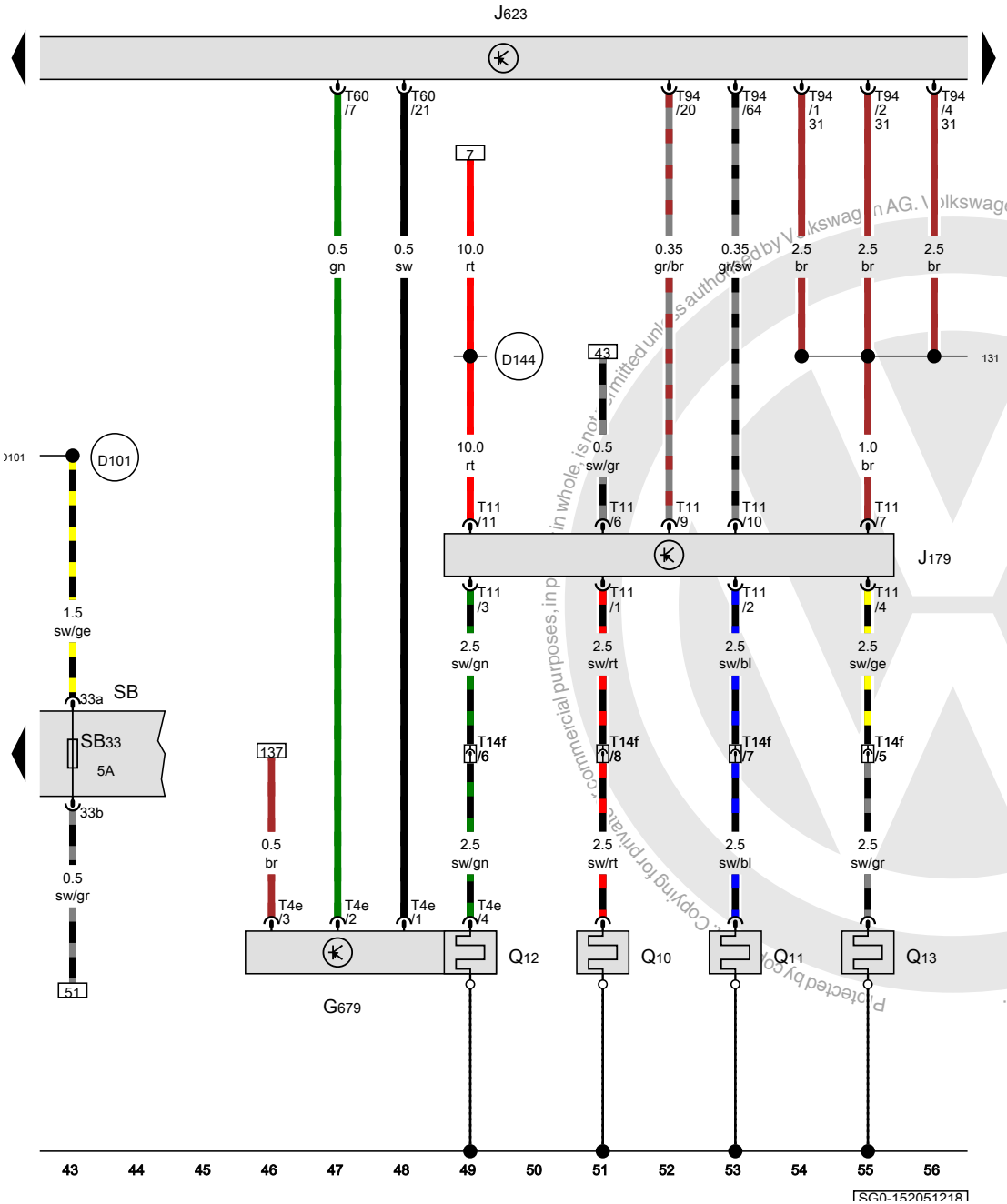

Automatic glow period control unit, Engine/motor control unit, Fuse holder B

G679	Cylinder 3 combustion chamber pressure sender
J179	Automatic glow period control unit, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
SB	Fuse holder B, in E-box in engine compartment
SB33	Fuse 33 on fuse holder B
T4e	4-pin connector, black
T11	11-pin connector, black
T14f	14-pin connector, grey, in E-box in engine compartment, next to relay plate
T60	60-pin connector, black
T94	94-pin connector, black
131	Earth connection 2, in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D144	Positive connection 5 (30), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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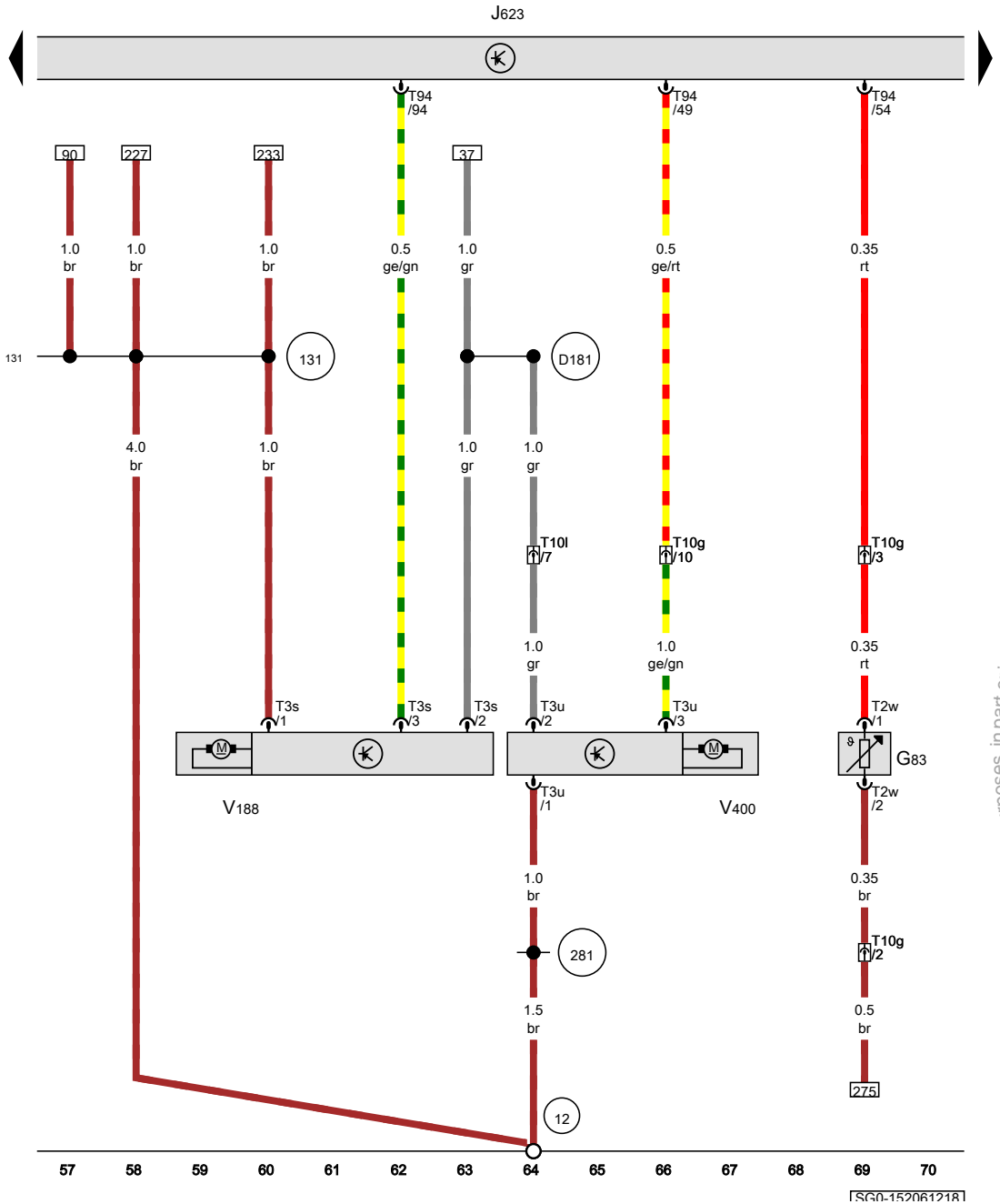

Radiator outlet coolant temperature sender, Engine/motor control unit, Charge air cooling pump, Pump for exhaust gas recirculation cooler

G83	Radiator outlet coolant temperature sender
J623	Engine/motor control unit, in E-box in engine compartment
T2w	2-pin connector, black
T3s	3-pin connector, black
T3u	3-pin connector, black
T10g	10-pin connector, grey, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T94	94-pin connector, black
V188	Charge air cooling pump
V400	Pump for exhaust gas recirculation cooler
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
D181	Connection 2 (87a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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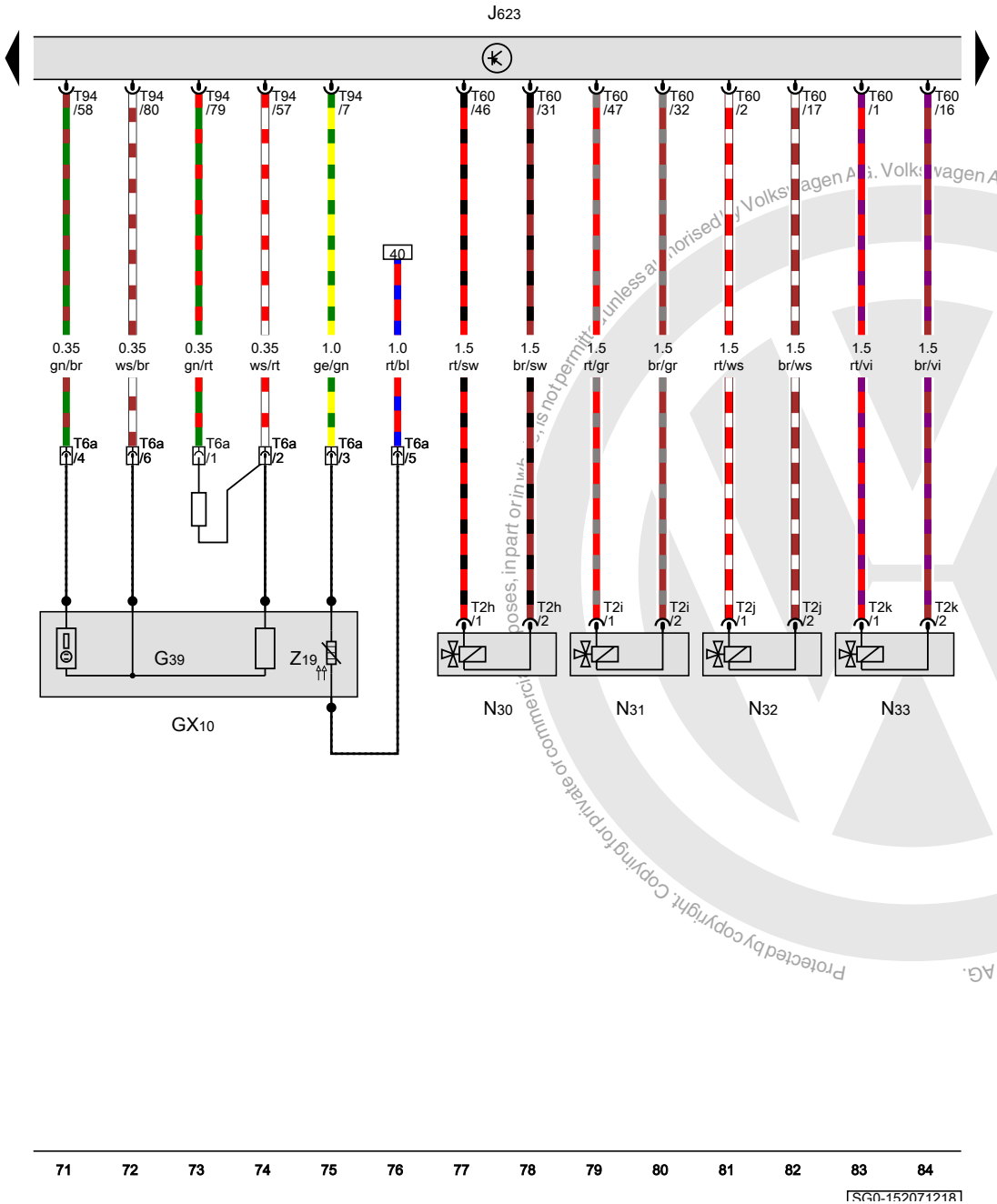
Lambda probe 1 before catalytic converter, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4



GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
J623	Engine/motor control unit, in E-box in engine compartment
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2h	2-pin connector, black
T2i	2-pin connector, black
T2j	2-pin connector, black
T2k	2-pin connector, black
T6a	6-pin connector, black, in middle of engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
Z19	Lambda probe heater

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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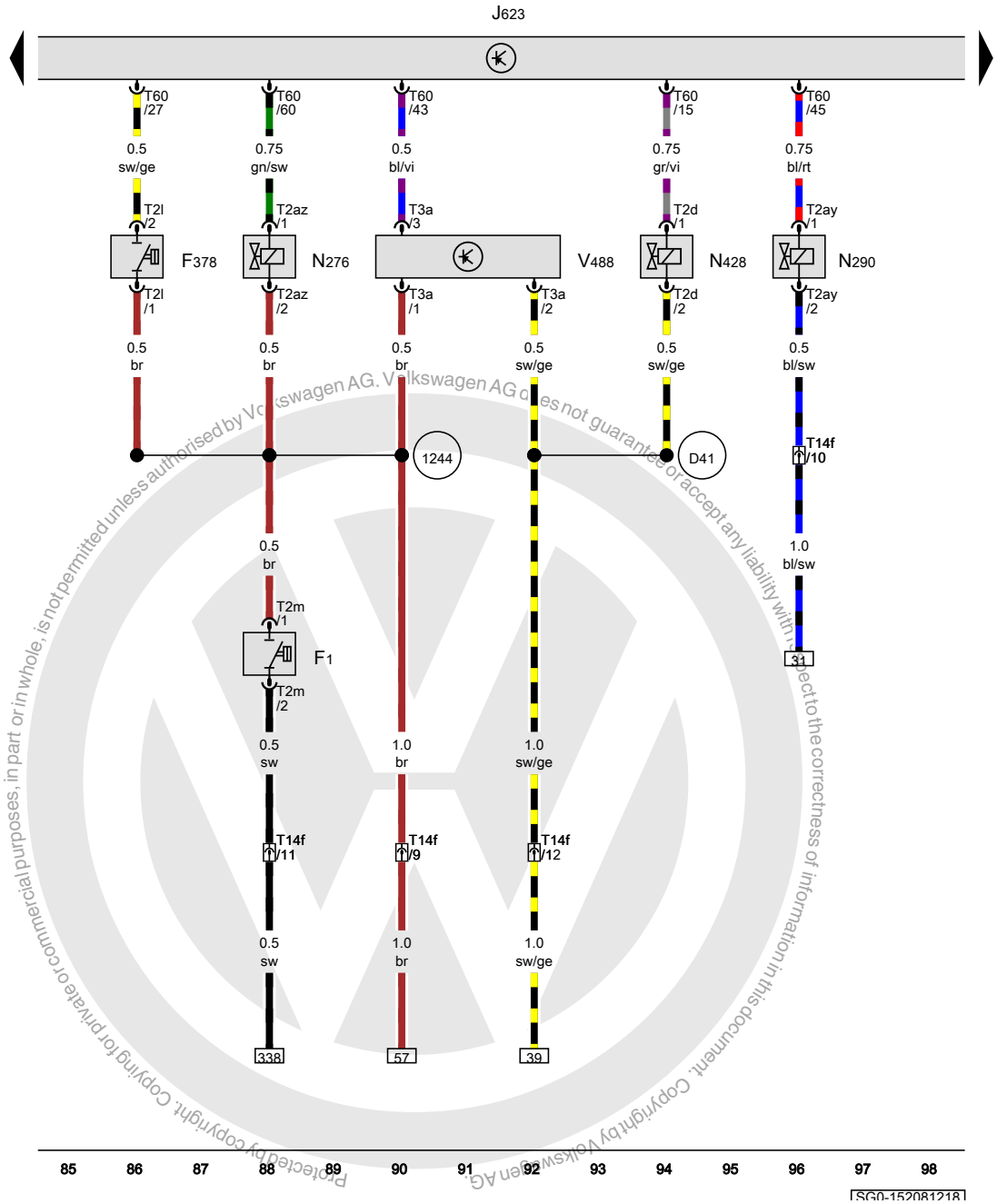

Oil pressure switch, Oil pressure switch for reduced oil pressure, Engine/motor control unit, Fuel pressure regulating valve, Fuel metering valve, Valve for oil pressure control, Auxiliary pump for heating

F1	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
J623	Engine/motor control unit, in E-box in engine compartment
N276	Fuel pressure regulating valve
N290	Fuel metering valve
N428	Valve for oil pressure control
T2ay	2-pin connector, black
T2az	2-pin connector, black
T2d	2-pin connector, black
T2l	2-pin connector, black
T2m	2-pin connector, red
T3a	3-pin connector, black
T14f	14-pin connector, grey, in E-box in engine compartment, next to relay plate
T60	60-pin connector, black
V488	Auxiliary pump for heating
1244	Earth point 7, engine prewiring harness
D41	Connection 3, in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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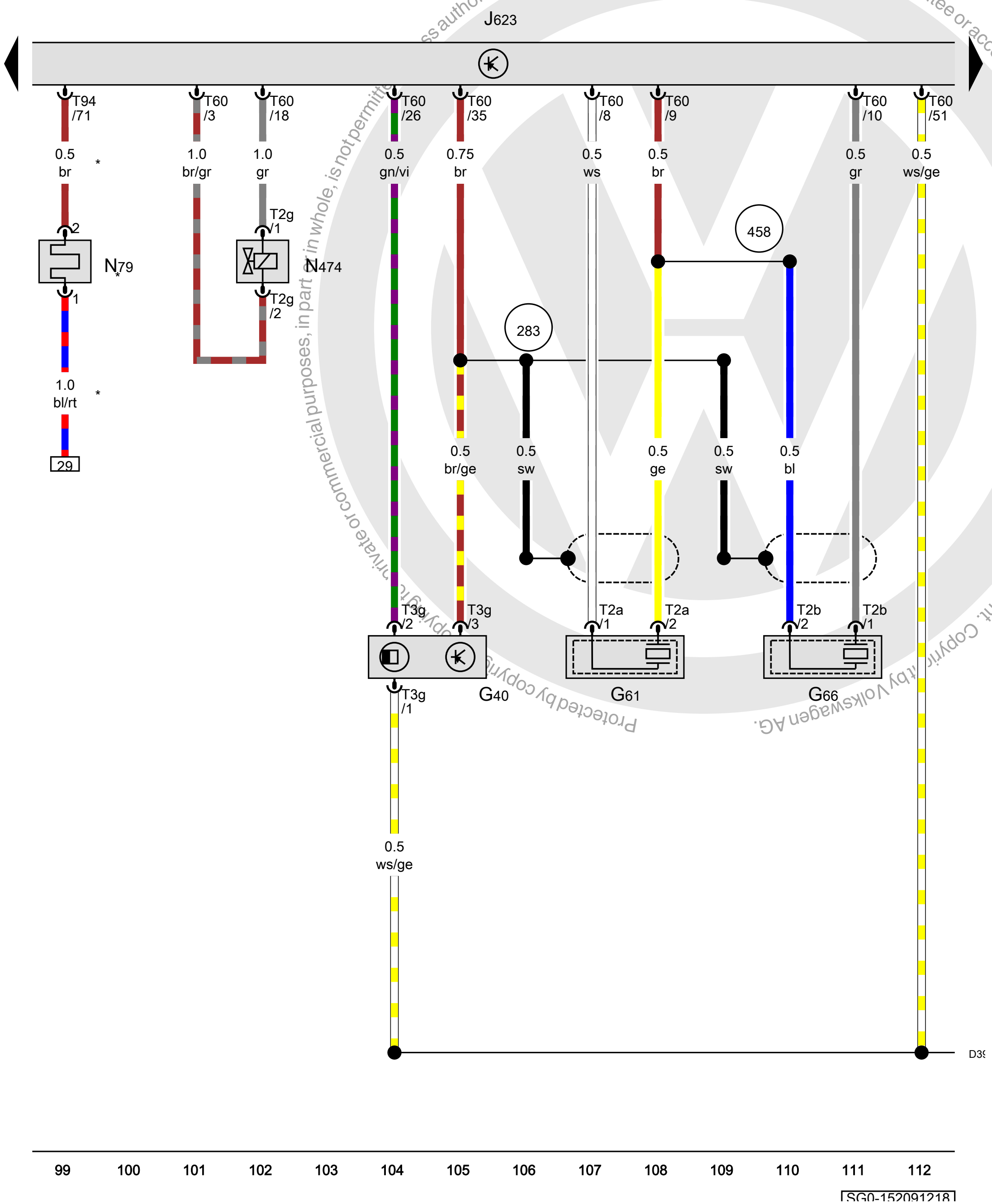

Hall sender, Knock sensor 1, Knock sensor 2, Engine/motor control unit, Heater element for crankcase breather, Injector for reducing agent

G40	Hall sender
G61	Knock sensor 1
G66	Knock sensor 2
J623	Engine/motor control unit, in E-box in engine compartment
N79	Heater element for crankcase breather
N474	Injector for reducing agent
T2a	2-pin connector, black
T2b	2-pin connector, black
T2g	2-pin connector, black
T3g	3-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
283	Earth point 2, engine prewiring harness
458	Earth point 3, engine prewiring harness
D39	Connection 1, in engine prewiring harness
*	For models with crankcase breather heater element

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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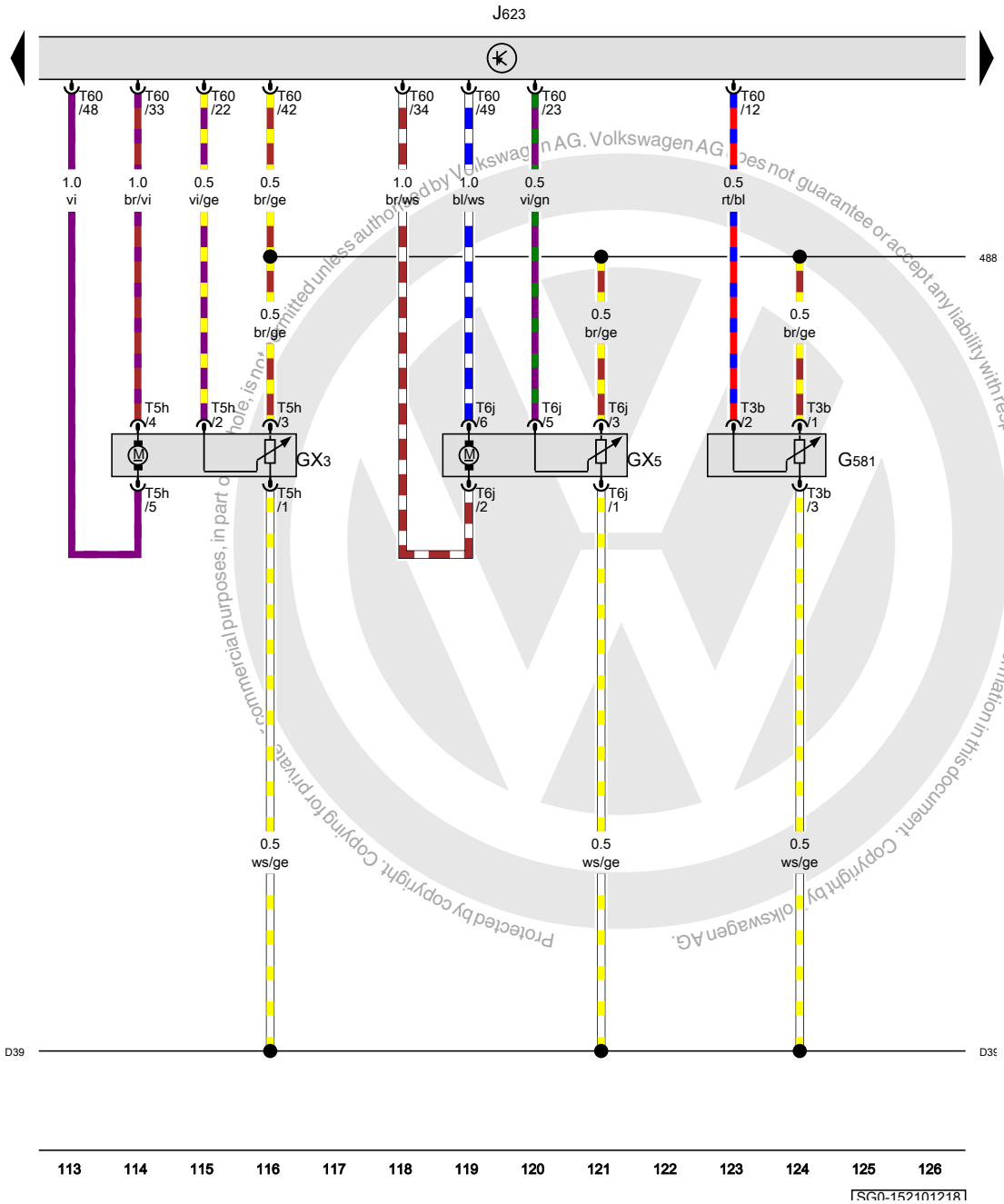

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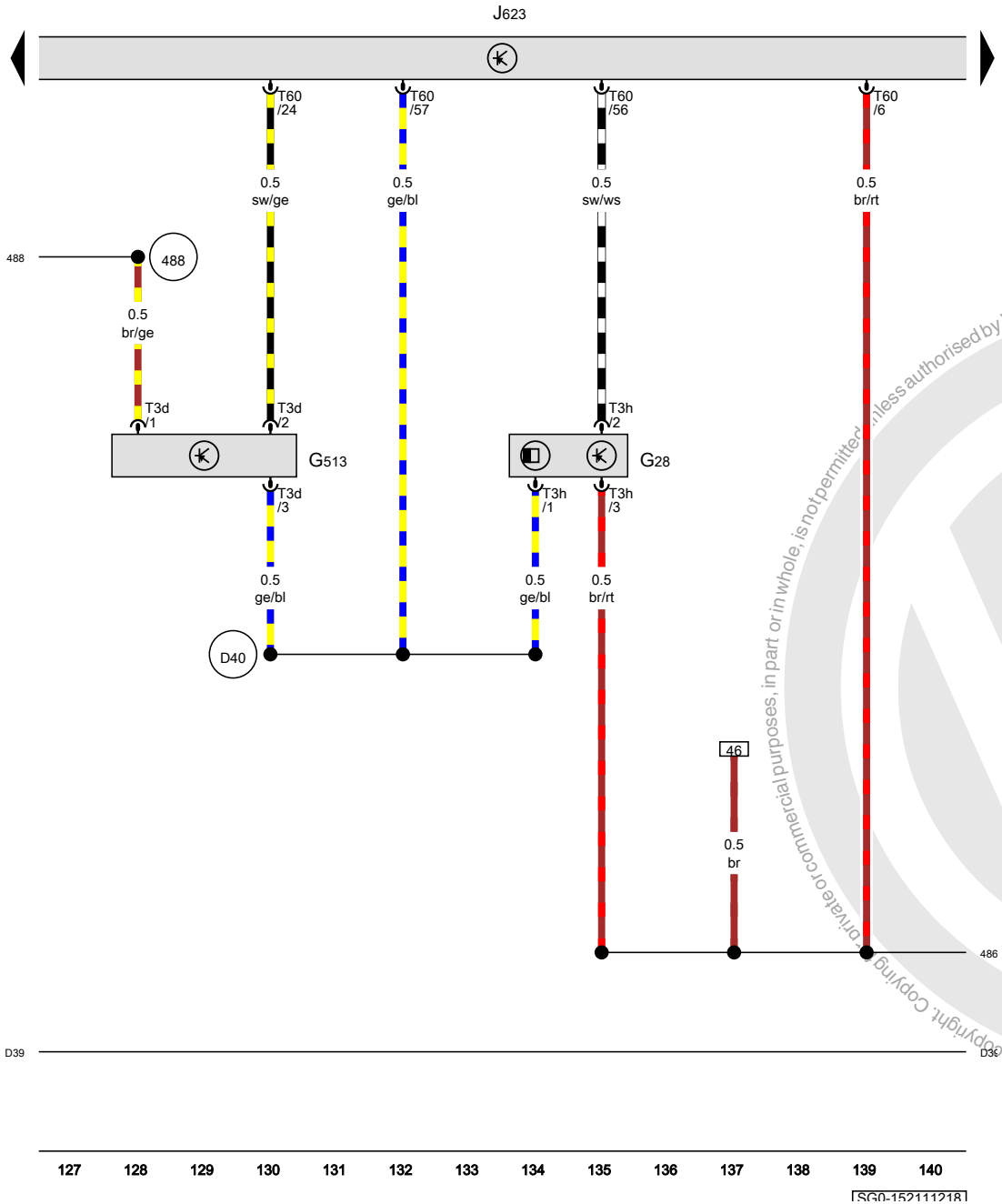
Throttle valve module, Exhaust gas recirculation valve 1, Position sender for charge pressure positioner, Engine/ motor control unit

GX3	Throttle valve module
GX5	Exhaust gas recirculation valve 1
G581	Position sender for charge pressure positioner
J623	Engine/motor control unit, in E-box in engine compartment
T3b	3-pin connector, brown
T5h	5-pin connector, black
T6j	6-pin connector, grey
T60	60-pin connector, black
488	Earth point 6, engine prewiring harness
D39	Connection 1, in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Engine speed sender, Variable intake manifold position sender, Engine/motor control unit

G28	Engine speed sender
G513	Variable intake manifold position sender
J623	Engine/motor control unit, in E-box in engine compartment
T3d	3-pin connector, brown
T3h	3-pin connector, black
T60	60-pin connector, black
486	Earth point 4, engine prewiring harness
488	Earth point 6, engine prewiring harness
D39	Connection 1, in engine prewiring harness
D40	Connection 2, in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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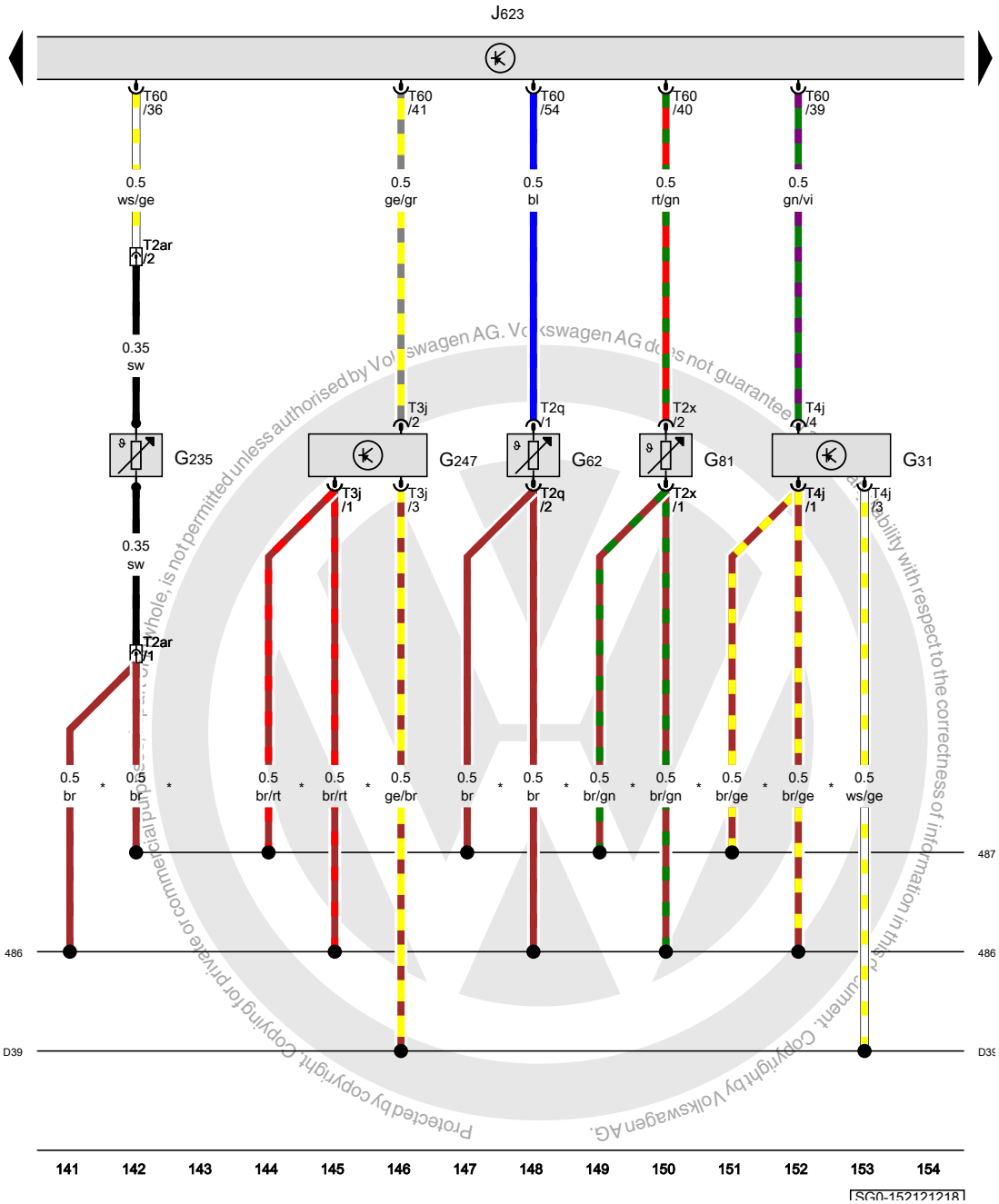

Charge pressure sender, Coolant temperature sender, Fuel temperature sender, Exhaust gas temperature sender 1, Fuel pressure sender, Engine/motor control unit

G31	Charge pressure sender
G62	Coolant temperature sender
G81	Fuel temperature sender
G235	Exhaust gas temperature sender 1
G247	Fuel pressure sender
J623	Engine/motor control unit, in E-box in engine compartment
T2ar	2-pin connector, black, near exhaust gas recirculation
T2q	2-pin connector, black
T2x	2-pin connector, black
T3j	3-pin connector, black
T4j	4-pin connector, black
T60	60-pin connector, black
486	Earth point 4, engine prewiring harness
487	Earth point 5, engine prewiring harness
D39	Connection 1, in engine prewiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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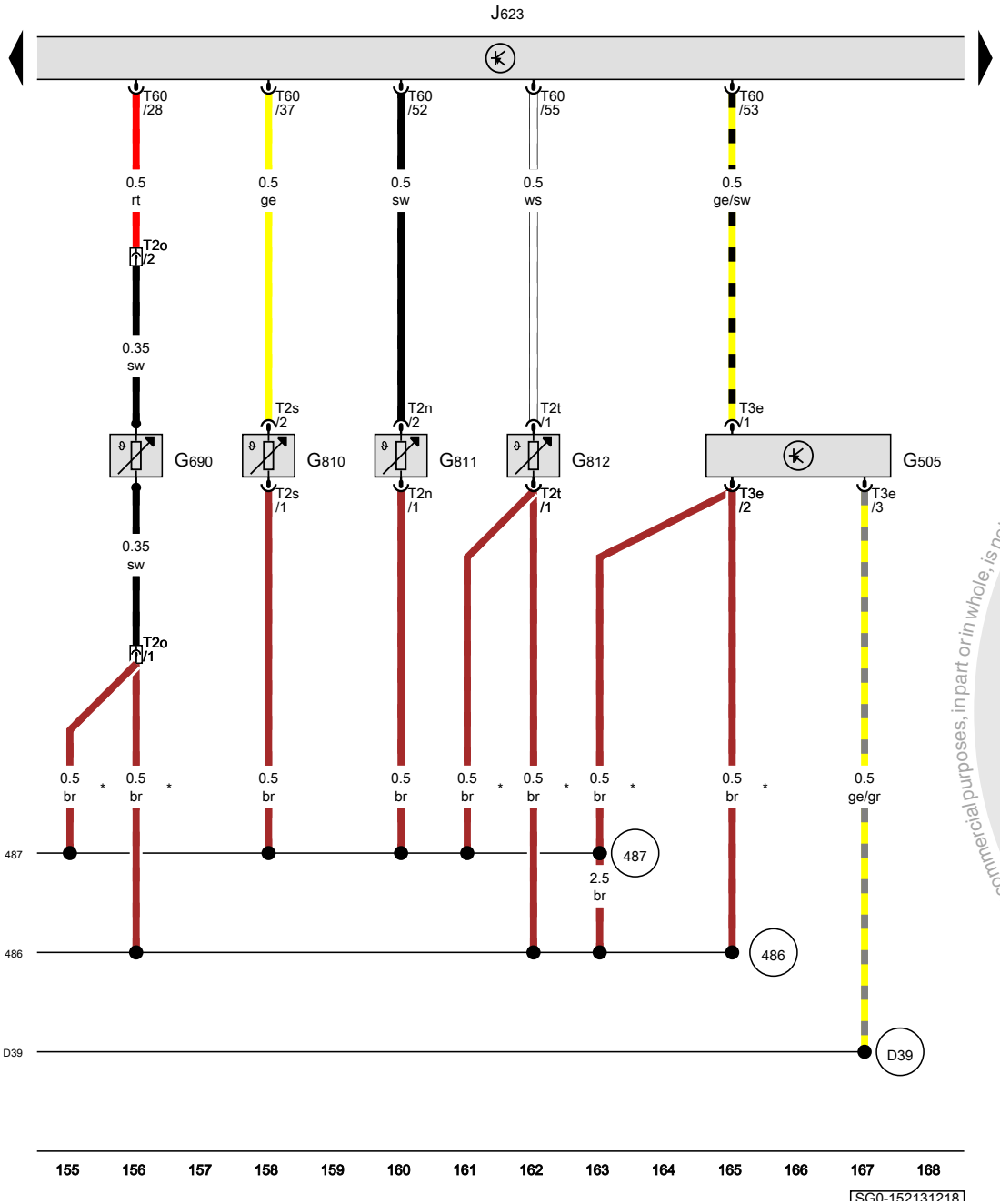

Pressure differential sender, Temperature sensor 2 for exhaust recirculation, Charge air temperature sender before charge air cooler, Charge air temperature sender after charge air cooler, Coolant temperature sender 3, Engine/ motor control unit

G505	Pressure differential sender
G690	Temperature sensor 2 for exhaust recirculation
G810	Charge air temperature sender before charge air cooler
G811	Charge air temperature sender after charge air cooler
G812	Coolant temperature sender 3
J623	Engine/motor control unit, in E-box in engine compartment
T2n	2-pin connector, black
T2o	2-pin connector, brown, in middle of engine compartment
T2s	2-pin connector, black
T2t	2-pin connector, black
T3e	3-pin connector, black
T60	60-pin connector, black
486	Earth point 4, engine prewiring harness
487	Earth point 5, engine prewiring harness
D39	Connection 1, in engine prewiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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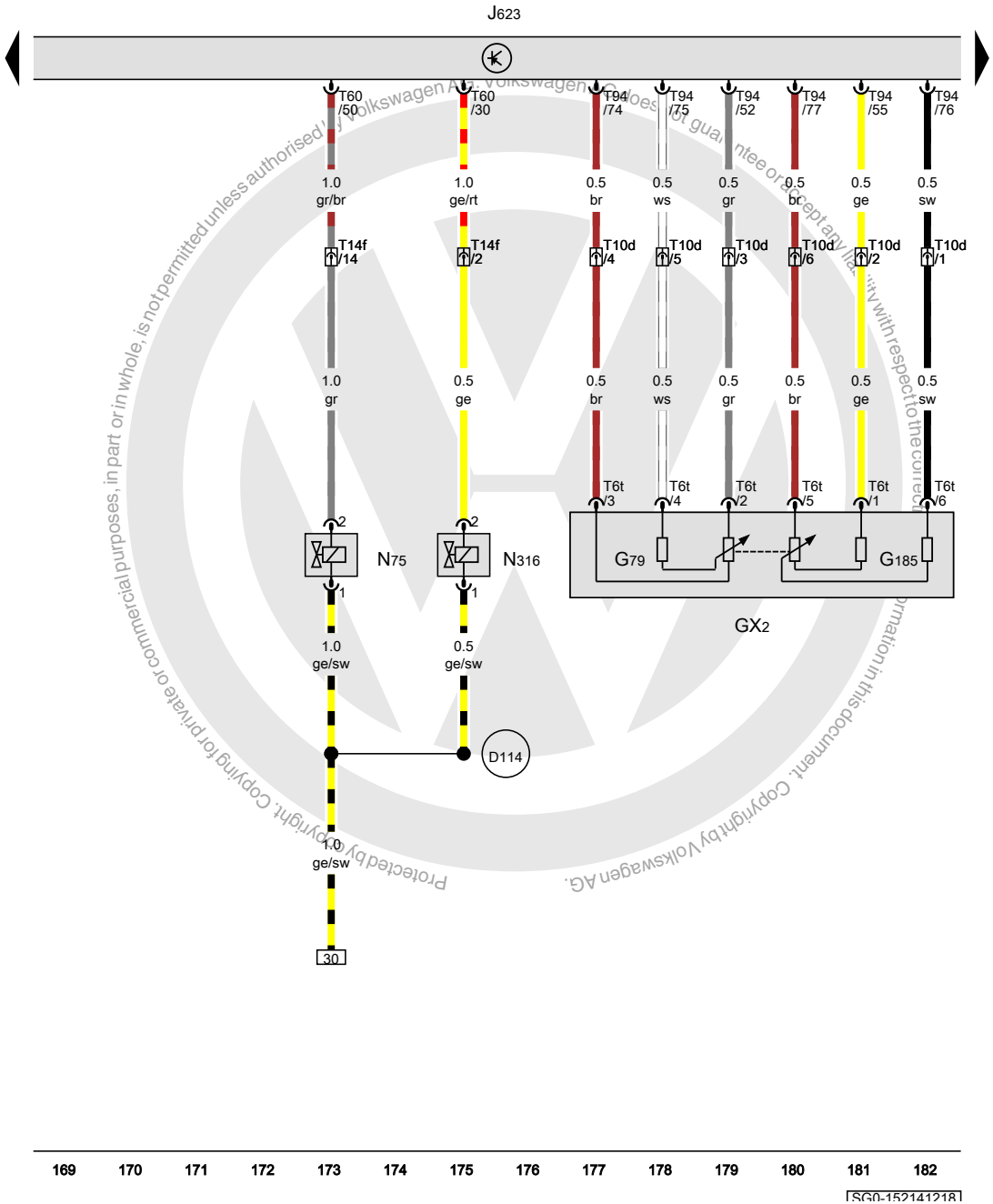

Accelerator pedal module, Accelerator position sender, Accelerator position sender 2, Engine/motor control unit, Charge pressure control solenoid valve, Intake manifold flap valve

GX2	Accelerator pedal module
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit, in E-box in engine compartment
N75	Charge pressure control solenoid valve
N316	Intake manifold flap valve
T6t	6-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T14f	14-pin connector, grey, in E-box in engine compartment, next to relay plate
T60	60-pin connector, black
T94	94-pin connector, black
D114	Connection 12 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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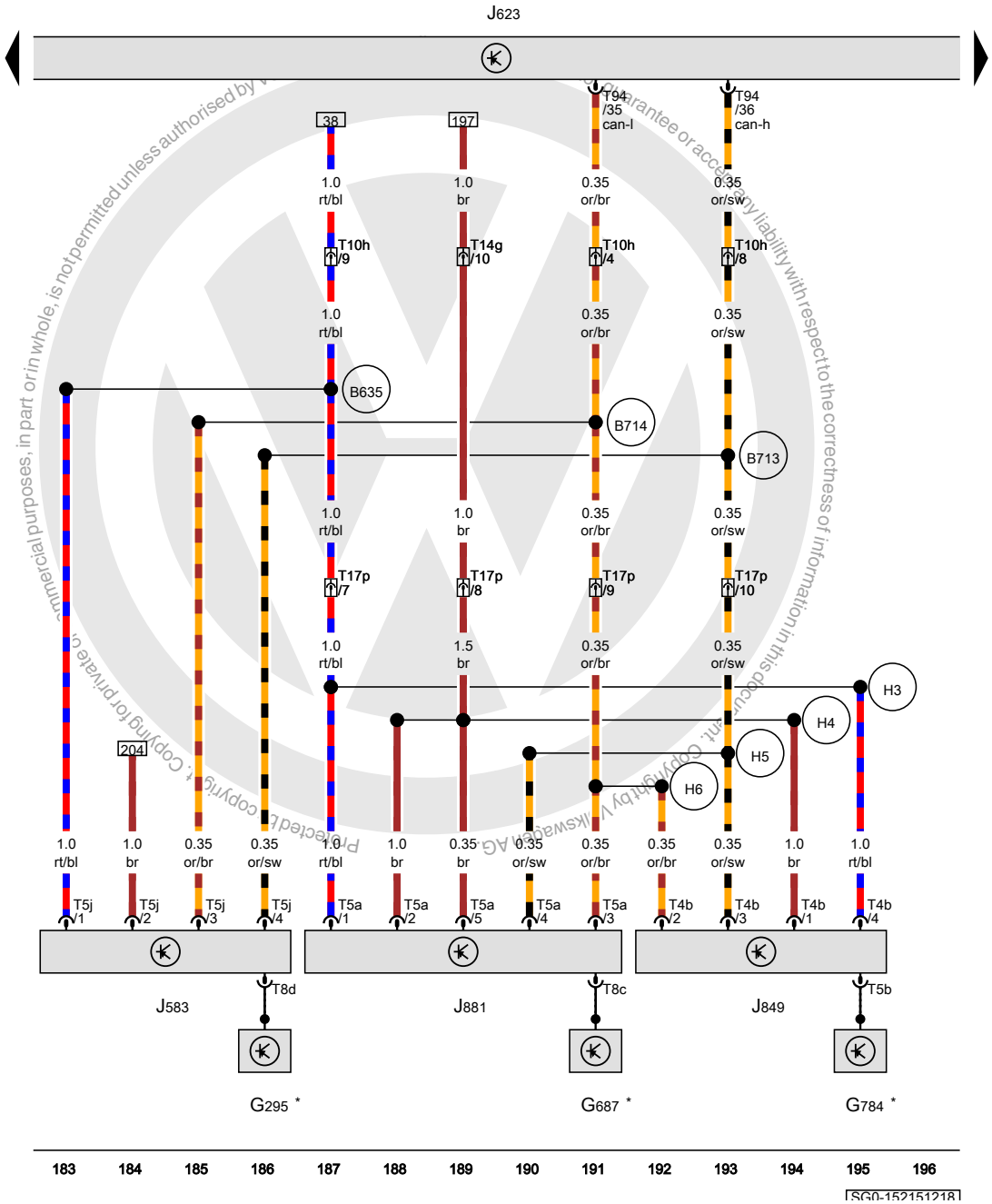

NOx sender, NOx sender 2, Particulate sensor, Control unit for NOx sender, Engine/motor control unit, Control unit for sensor electronics, Control unit for NOx sender 2

G295	NOx sender
G687	NOx sender 2
G784	Particulate sensor
J583	Control unit for NOx sender
J623	Engine/motor control unit, in E-box in engine compartment
J849	Control unit for sensor electronics
J881	Control unit for NOx sender 2
T4b	4-pin connector, black
T5a	5-pin connector, black
T5b	5-pin connector, black
T5j	5-pin connector, black
T8c	8-pin connector, black
T8d	8-pin connector, black
T10h	10-pin connector, orange, in E-box in engine compartment
T14g	14-pin connector, black, near container for additive
T17p	17-pin connector, red, under seat on front left
T94	94-pin connector, black
B635	Positive connection 3 (87), in main wiring harness
B713	Connection 1 (CAN bus diagnosis, high), in main wiring harness
B714	Connection 1 (CAN bus diagnosis, low), in main wiring harness
H3	Connection 1 in wiring harness for reducing agent tank
H4	Connection 2 in wiring harness for reducing agent tank
H5	Connection 3 in wiring harness for reducing agent tank
H6	Connection 4 in wiring harness for reducing agent tank
*	Pre-wired component

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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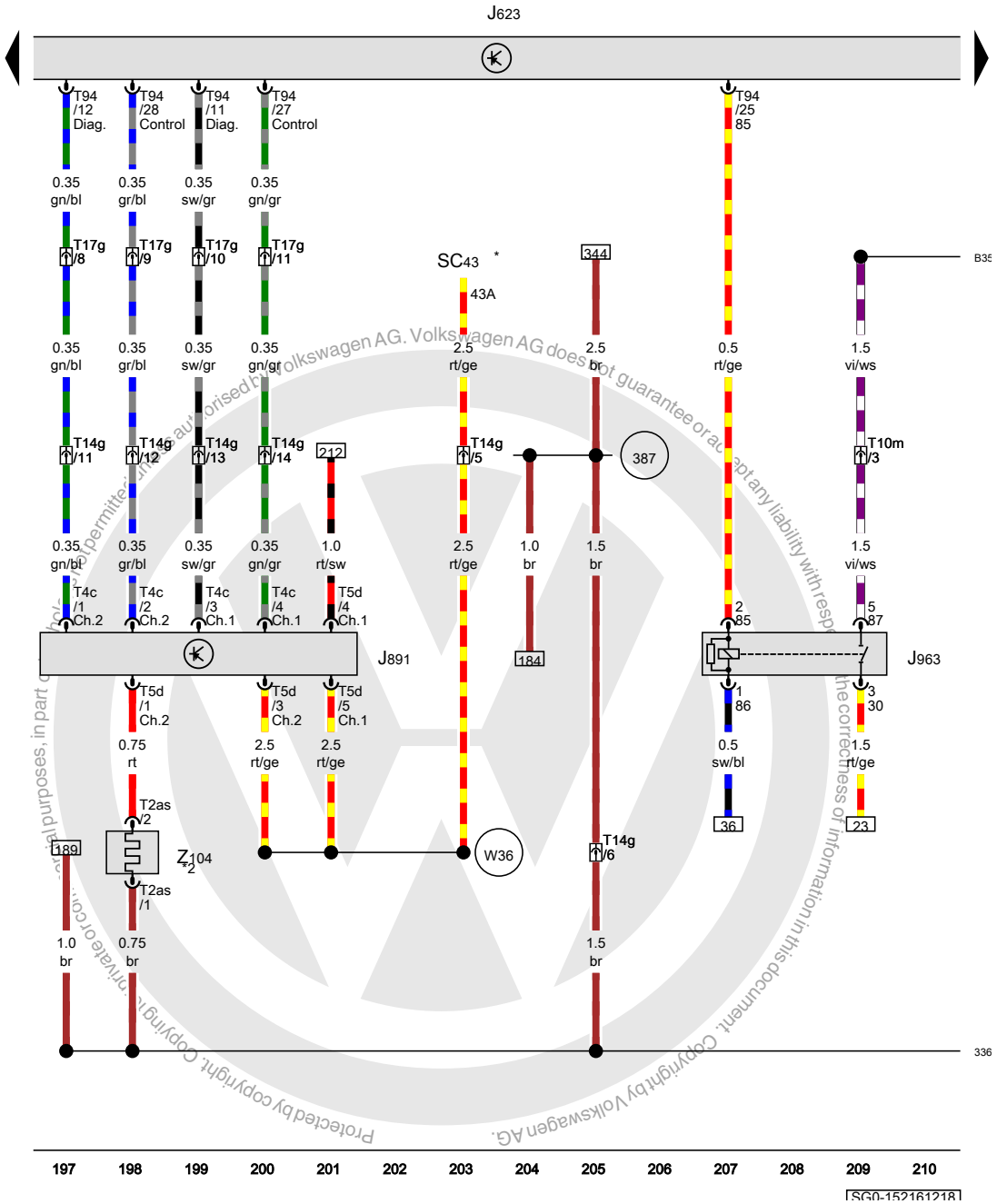

Engine/motor control unit, Control unit for reducing agent heater, Relay for reducing agent metering system, Fuse 43 on fuse holder C, Heater for reducing agent line (heater circuit 2)

J623	Engine/motor control unit, in E-box in engine compartment
J891	Control unit for reducing agent heater
J963	Relay for reducing agent metering system
SC43	Fuse 43 on fuse holder C
T2as	2-pin connector, black
T4c	4-pin connector, black
T5d	5-pin connector, colourless
T10m	10-pin connector, light pink, in E-box in engine compartment
T14g	14-pin connector, black, near container for additive
T17g	17-pin connector, black, in E-box in engine compartment
T94	94-pin connector, black
Z104	Heater for reducing agent line (heater circuit 2)
336	Earth connection 1, in floor wiring harness
387	Earth connection 22, in main wiring harness
B350	Positive connection 1 (87a) in main wiring harness
W36	Positive connection (30a), in floor wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Pre-wired component

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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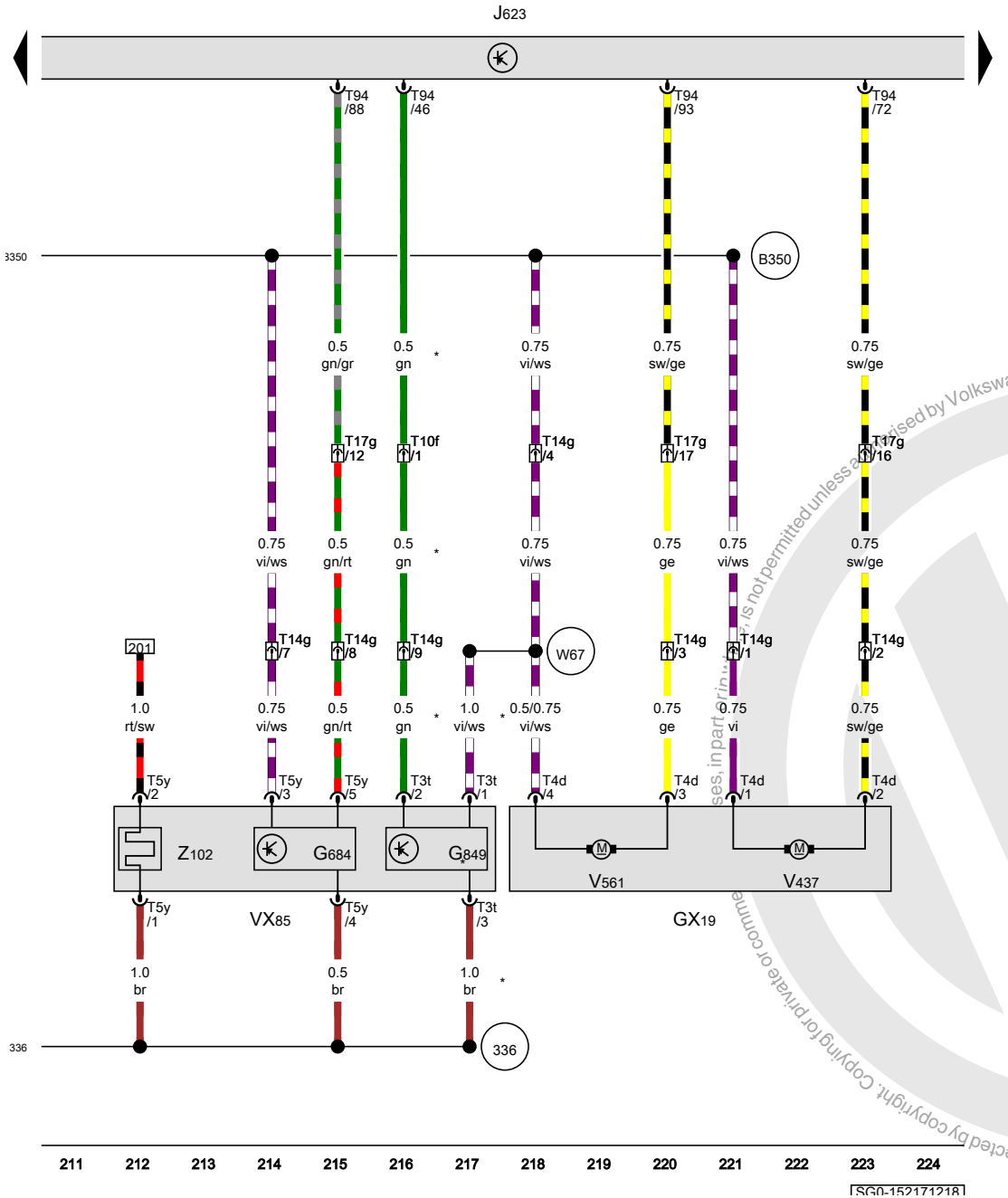

Delivery unit for reducing agent metering system, Engine/ motor control unit, Reducing agent tank

GX19	Delivery unit for reducing agent metering system, on reducing-agent tank
G684	Tank sender for reducing agent, in reducing agent tank
G849	Reducing agent quality sensor, in reducing agent tank
J623	Engine/motor control unit, in E-box in engine compartment
T3t	3-pin connector, black
T4d	4-pin connector, black
T5y	5-pin connector, black
T10f	10-pin connector, green, in E-box in engine compartment
T14g	14-pin connector, black, near container for additive
T17g	17-pin connector, black, in E-box in engine compartment
T94	94-pin connector, black
VX85	Reducing agent tank
V437	Pump for reducing agent, on reducing-agent tank
V561	Reducing agent return flow pump, on reducing-agent tank
Z102	Heater for reducing agent tank (heater circuit 1), in reducing agent tank
336	Earth connection 1, in floor wiring harness
B350	Positive connection 1 (87a) in main wiring harness
W67	Connection (87), in floor wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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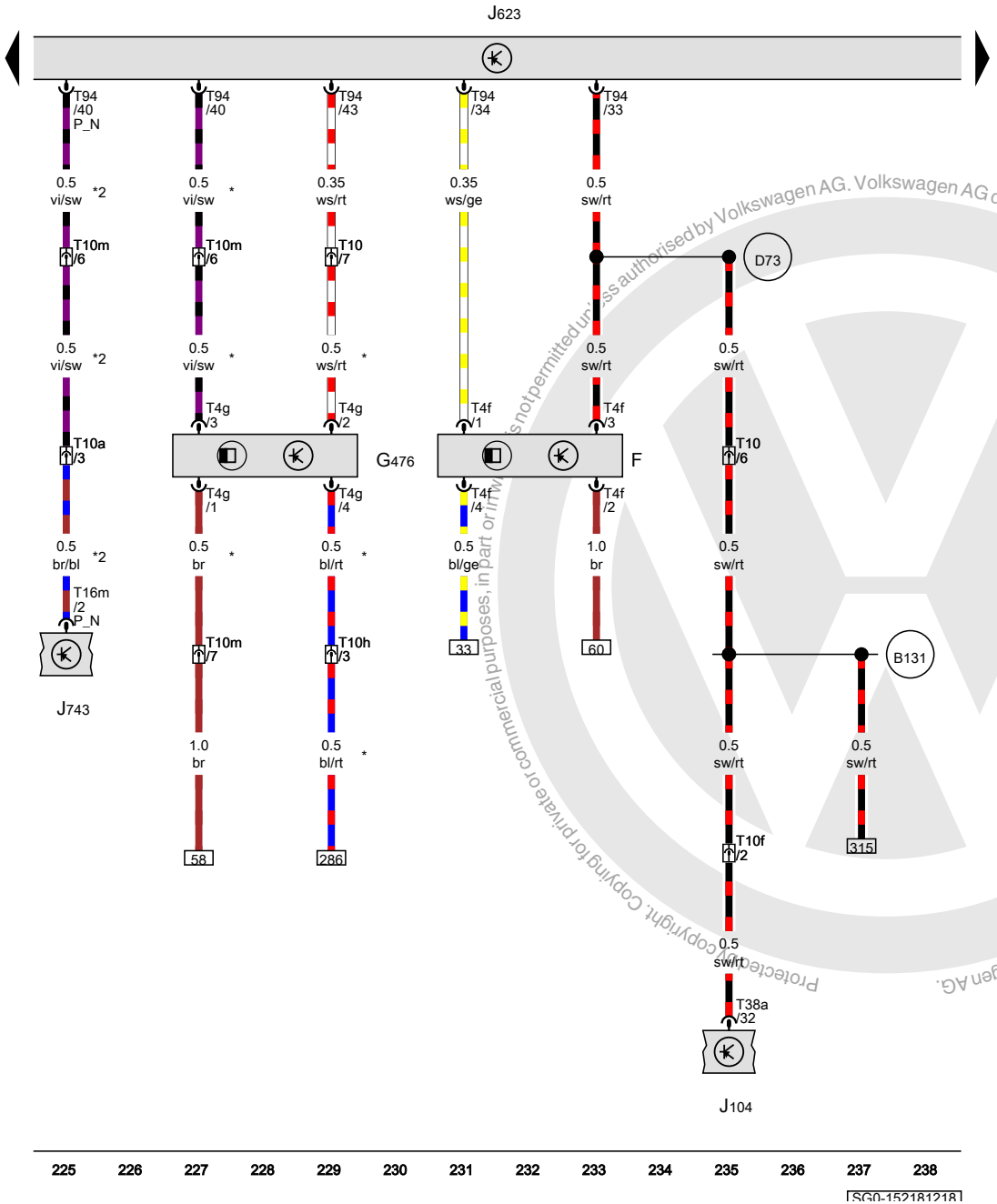
Brake light switch, Clutch position sender, Engine/motor control unit, Mechatronic unit for dual clutch gearbox



F	Brake light switch, on brake master cylinder
G476	Clutch position sender
J104	ABS control unit
J623	Engine/motor control unit, in E-box in engine compartment
J743	Mechatronic unit for dual clutch gearbox
T4f	4-pin connector, black
T4g	4-pin connector, black
T10	10-pin connector, black, in E-box in engine compartment
T10a	10-pin connector, brown, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T16m	16-pin connector, black
T38a	38-pin connector, black
T94	94-pin connector, black
B131	Connection (54), in interior wiring harness
D73	Positive connection (54), in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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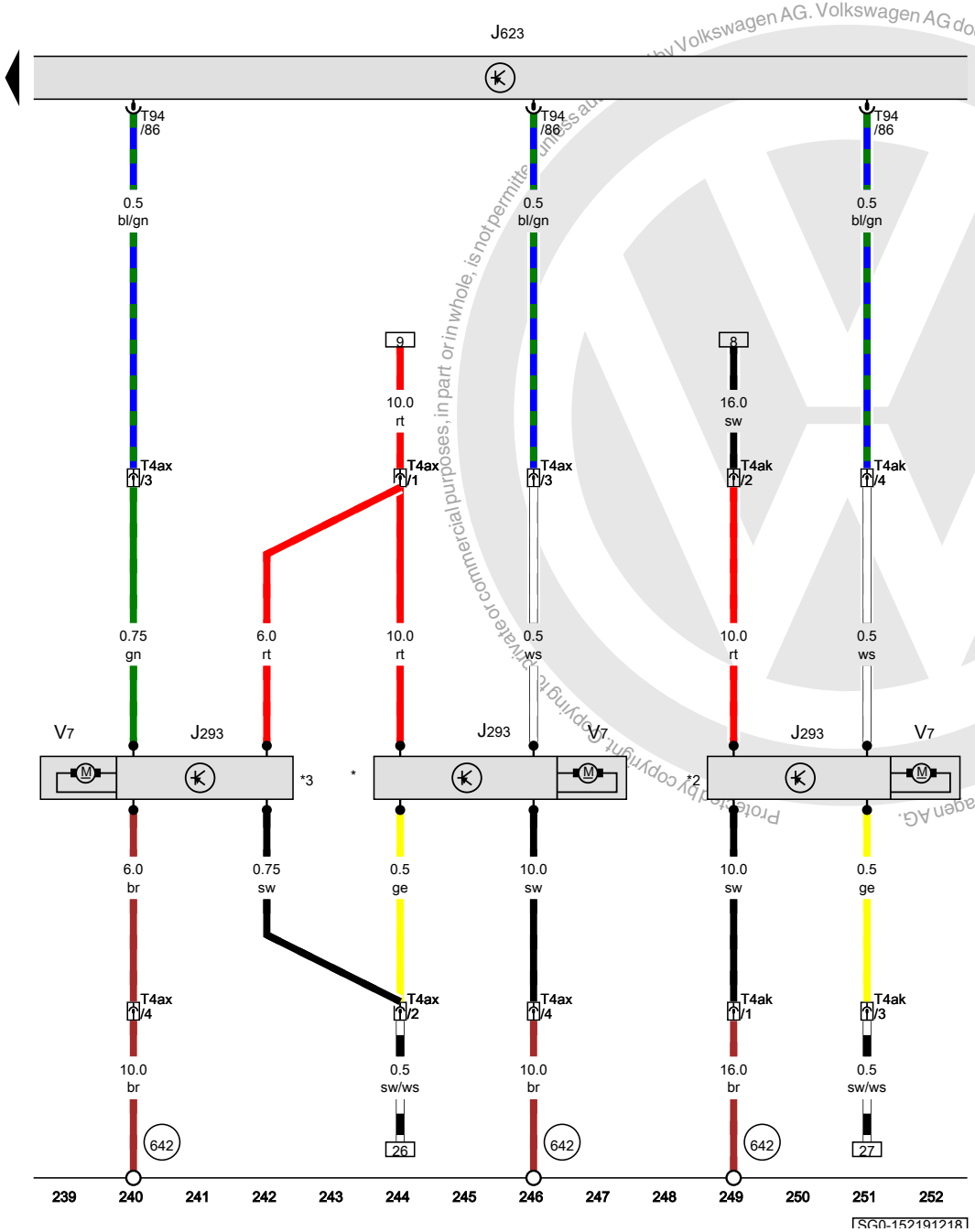

Radiator fan control unit, Engine/motor control unit

J293	Radiator fan control unit
J623	Engine/motor control unit, in E-box in engine compartment
T4ak	4-pin connector, black, near radiator fan
T4ax	4-pin connector, black, near radiator fan
T94	94-pin connector, black
V7	Radiator fan
642	Earth point for electronically controlled fan
*	For models with medium fan output
*2	For models with increased fan output
*3	For models with low fan output

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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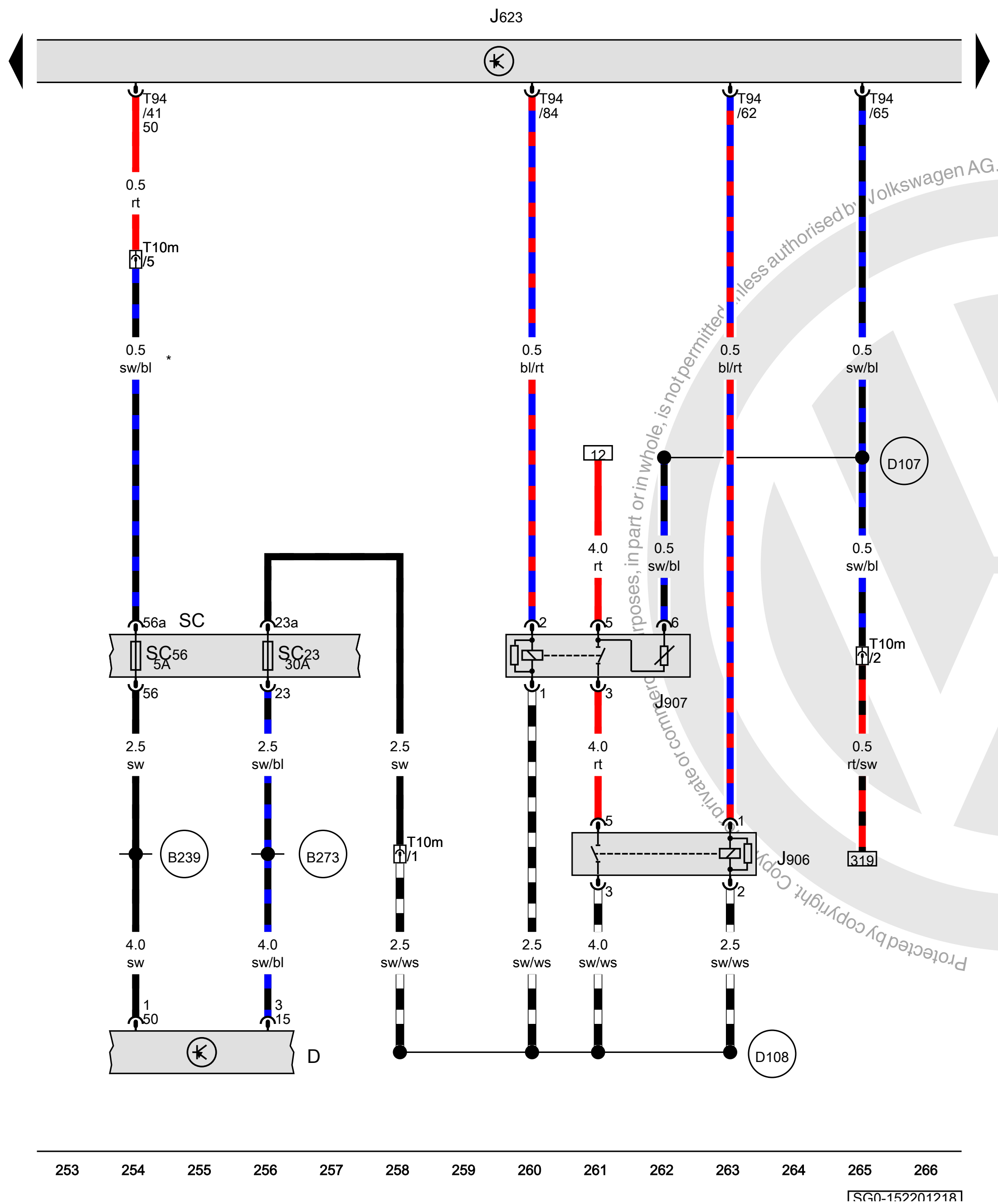

Ignition/starter switch, Engine/motor control unit, Fuse 23 on fuse holder C, Fuse 56 on fuse holder C

D	Ignition/starter switch
J623	Engine/motor control unit, in E-box in engine compartment
J906	Starter relay 1, in E-box in engine compartment
J907	Starter relay 2, in E-box in engine compartment
SC	Fuse holder C, in centre of dash panel
SC23	Fuse 23 on fuse holder C
SC56	Fuse 56 on fuse holder C
T10m	10-pin connector, light pink, in E-box in engine compartment
T94	94-pin connector, black
B239	Positive connection 1 (50), in interior wiring harness
B273	Positive connection (15), in main wiring harness
D107	Connection 5 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
*	For models with no electric interface

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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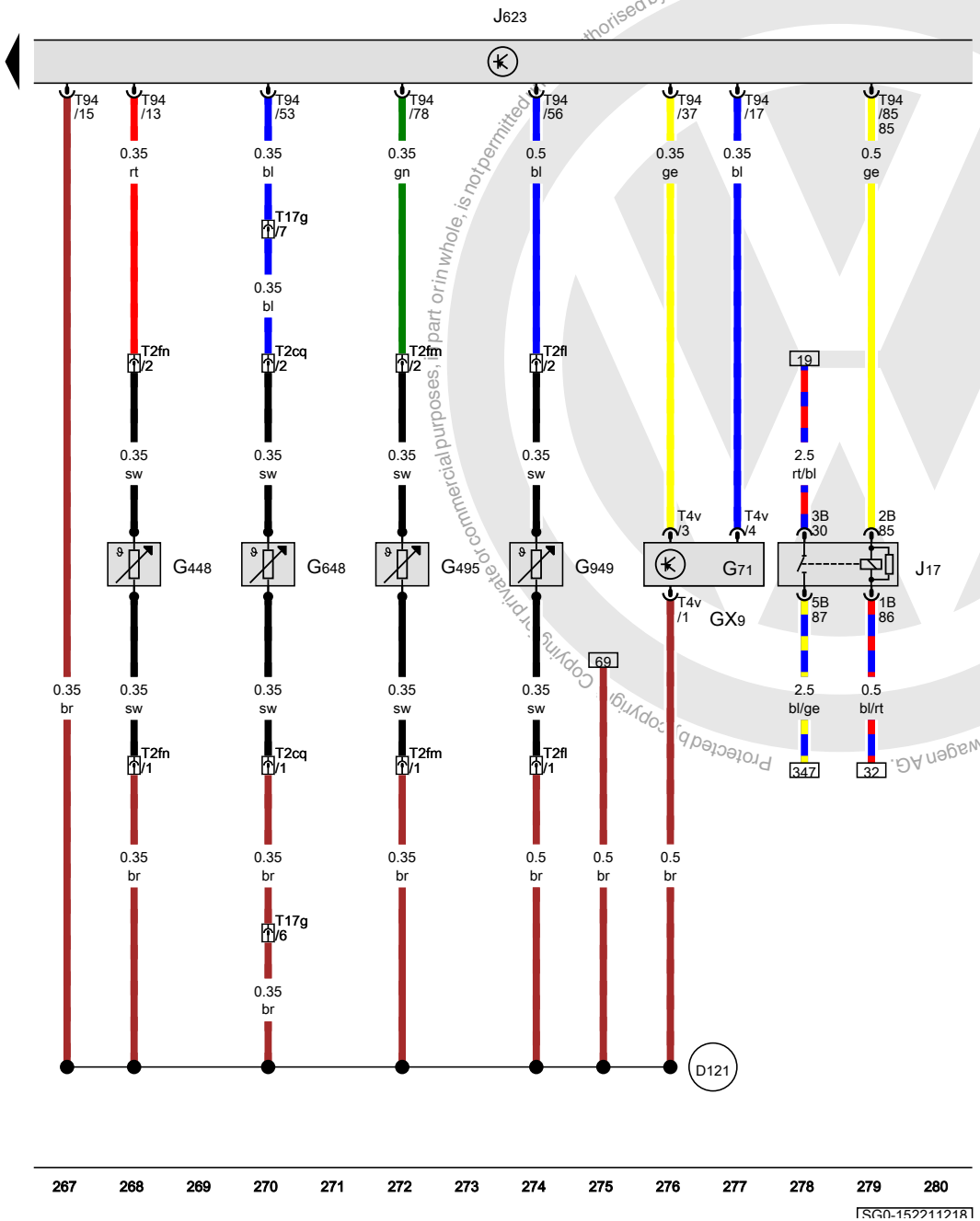

Intake manifold sender, Exhaust gas temperature sender 2, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Temperature sensor 3 for exhaust recirculation, Fuel pump relay, Engine/motor control unit

GX9	Intake manifold sender
G71	Intake manifold pressure sender
G448	Exhaust gas temperature sender 2
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
G949	Temperature sensor 3 for exhaust recirculation
J17	Fuel pump relay, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
T2cq	2-pin connector, light brown, on underbody, near cross panel
T2fl	2-pin connector, light brown, in middle of engine compartment
T2fm	2-pin connector, brown, in middle of engine compartment
T2fn	2-pin connector, black, in middle of engine compartment
T4v	4-pin connector, black
T17g	17-pin connector, black, in E-box in engine compartment
T94	94-pin connector, black
D121	Connection 19 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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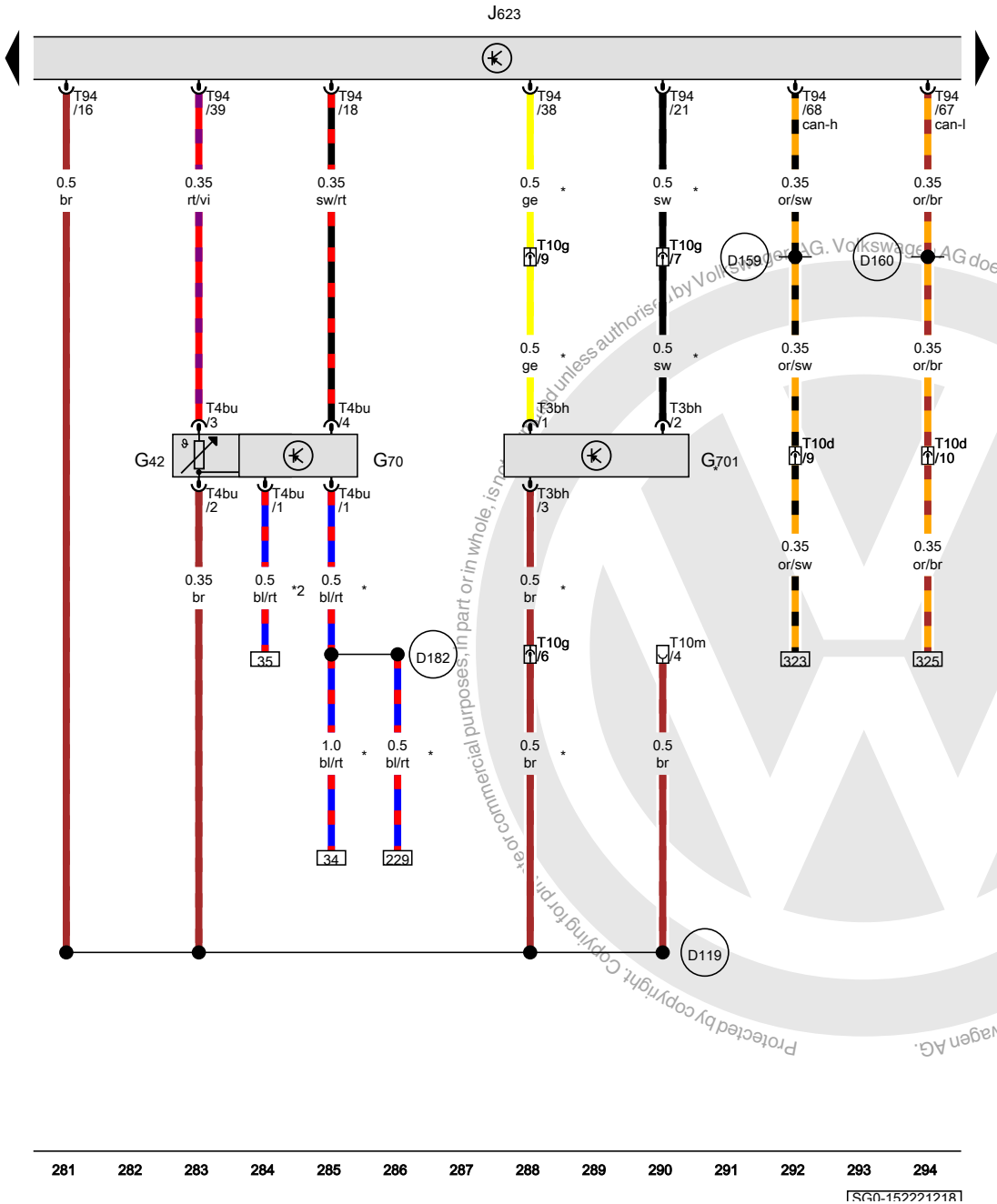

Intake air temperature sender, Air mass meter, Gearbox neutral position sender, Engine/motor control unit

G42	Intake air temperature sender
G70	Air mass meter
G701	Gearbox neutral position sender
J623	Engine/motor control unit, in E-box in engine compartment
T3bh	3-pin connector, black
T4bu	4-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T94	94-pin connector, black
D119	Connection 17 in engine compartment wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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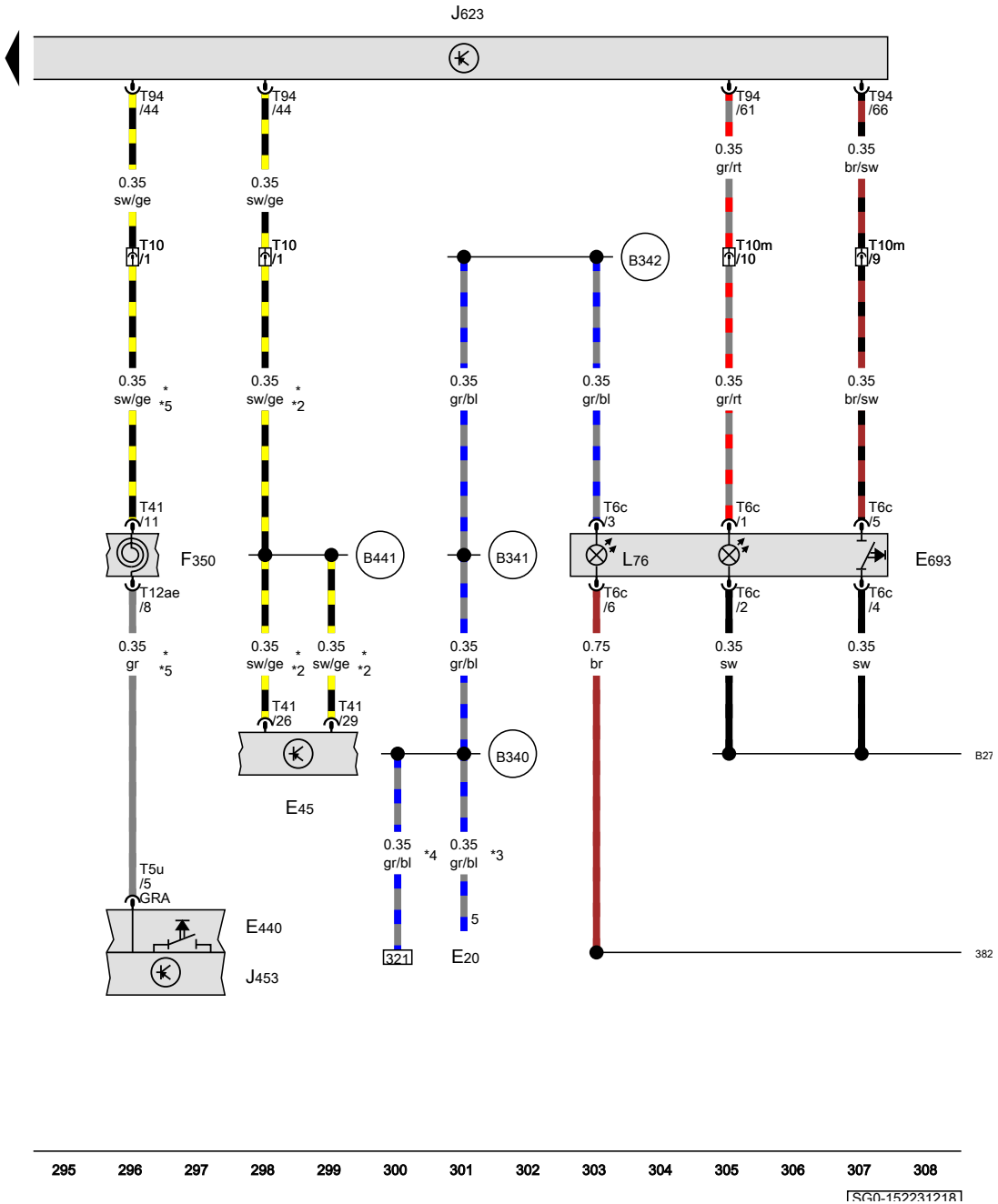

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Cruise control system switch, Multifunction buttons on left in steering wheel, Start/Stop operation button, Coil connector, Engine/motor control unit

E20	Switch and instrument illumination regulator
E45	Cruise control system switch
E440	Multifunction buttons on left in steering wheel
E693	Start/Stop operation button
F350	Coil connector, in steering wheel
J453	Multifunction steering wheel control unit
J623	Engine/motor control unit, in E-box in engine compartment
L76	Button illumination bulb
T5u	5-pin connector, black
T6c	6-pin connector, white
T10	10-pin connector, black, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T12ae	12-pin connector, yellow
T41	41-pin connector, grey
T94	94-pin connector, black
382	Earth connection 17, in main wiring harness
B277	Positive connection 1 (15a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B342	Connection 3 (58d), in main wiring harness
B441	Connection (CCS), in main wiring harness
*	For models with cruise control system
*2	For models with no multifunction steering wheel
*3	For models with dimmable instrument illumination
*4	For models with no dimmable instrument illumination
*5	For models with multifunction steering wheel

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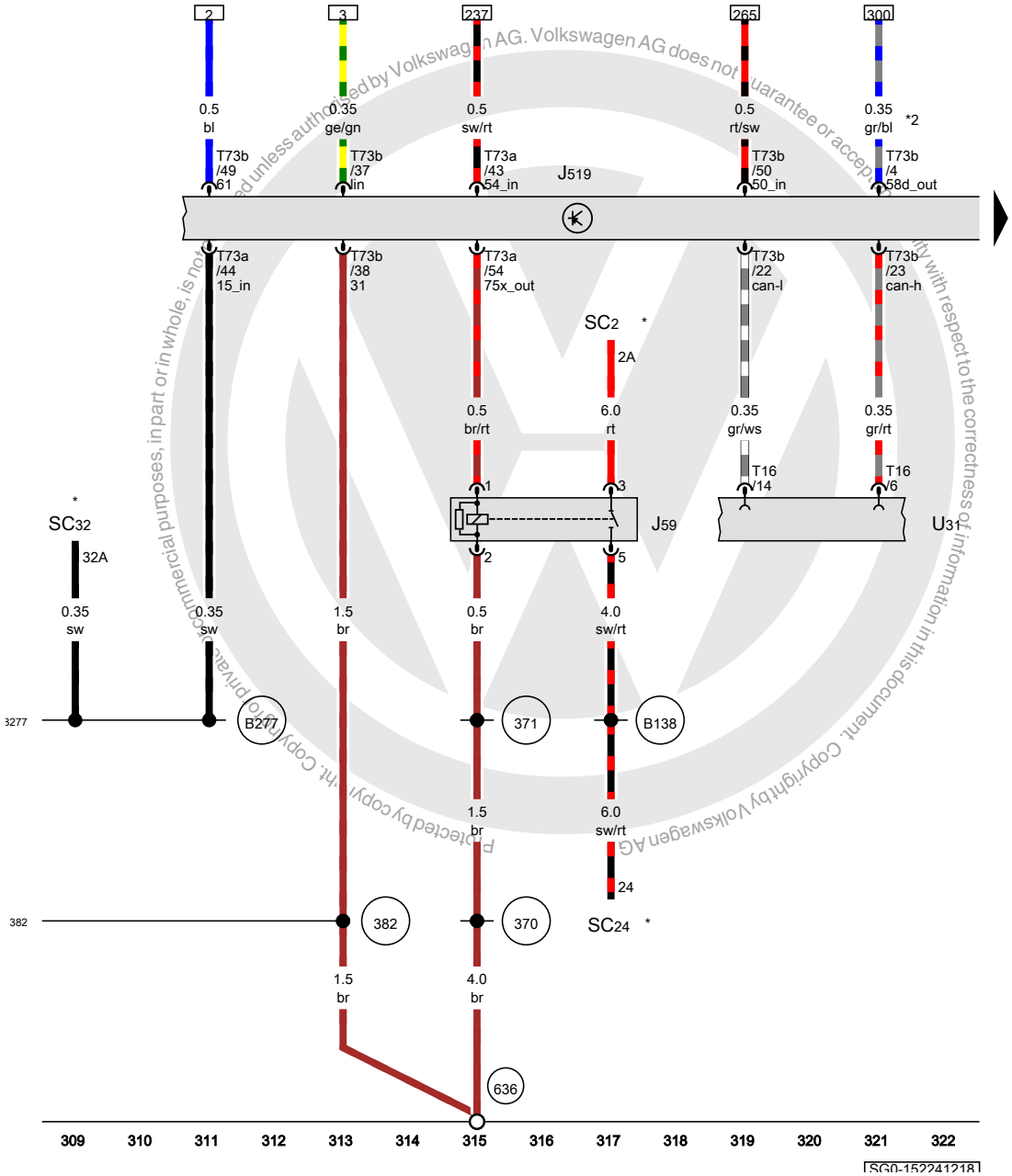
X-contact relief relay, Onboard supply control unit, Fuse 24 on fuse holder C, Fuse 32 on fuse holder C, Diagnostic connection



J59	X-contact relief relay
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
SC24	Fuse 24 on fuse holder C
SC32	Fuse 32 on fuse holder C
T16	16-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
U31	Diagnostic connection
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
382	Earth connection 17, in main wiring harness
636	Earth point, onboard supply control unit
B138	Positive connection (X), in interior wiring harness
B277	Positive connection 1 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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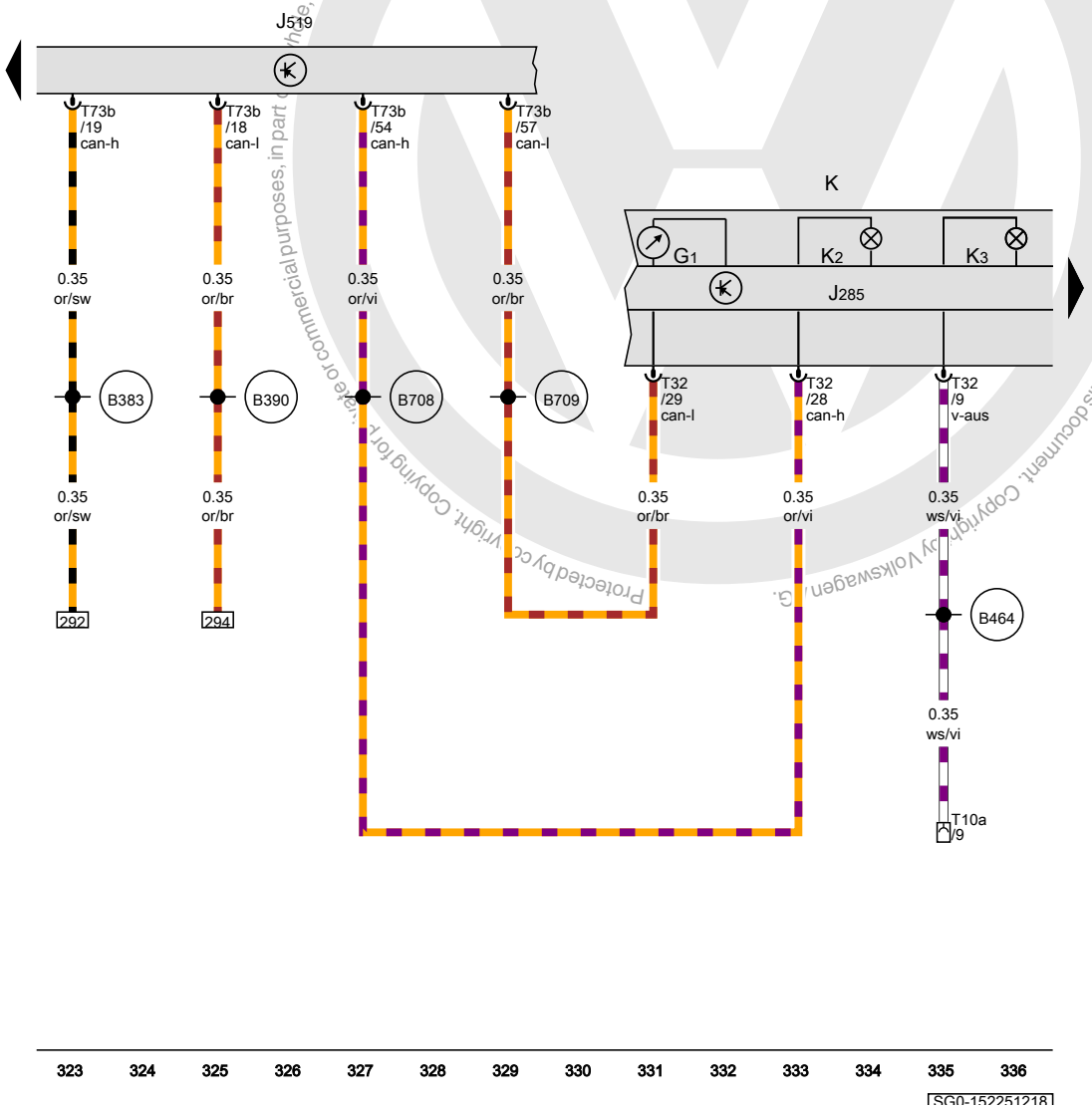
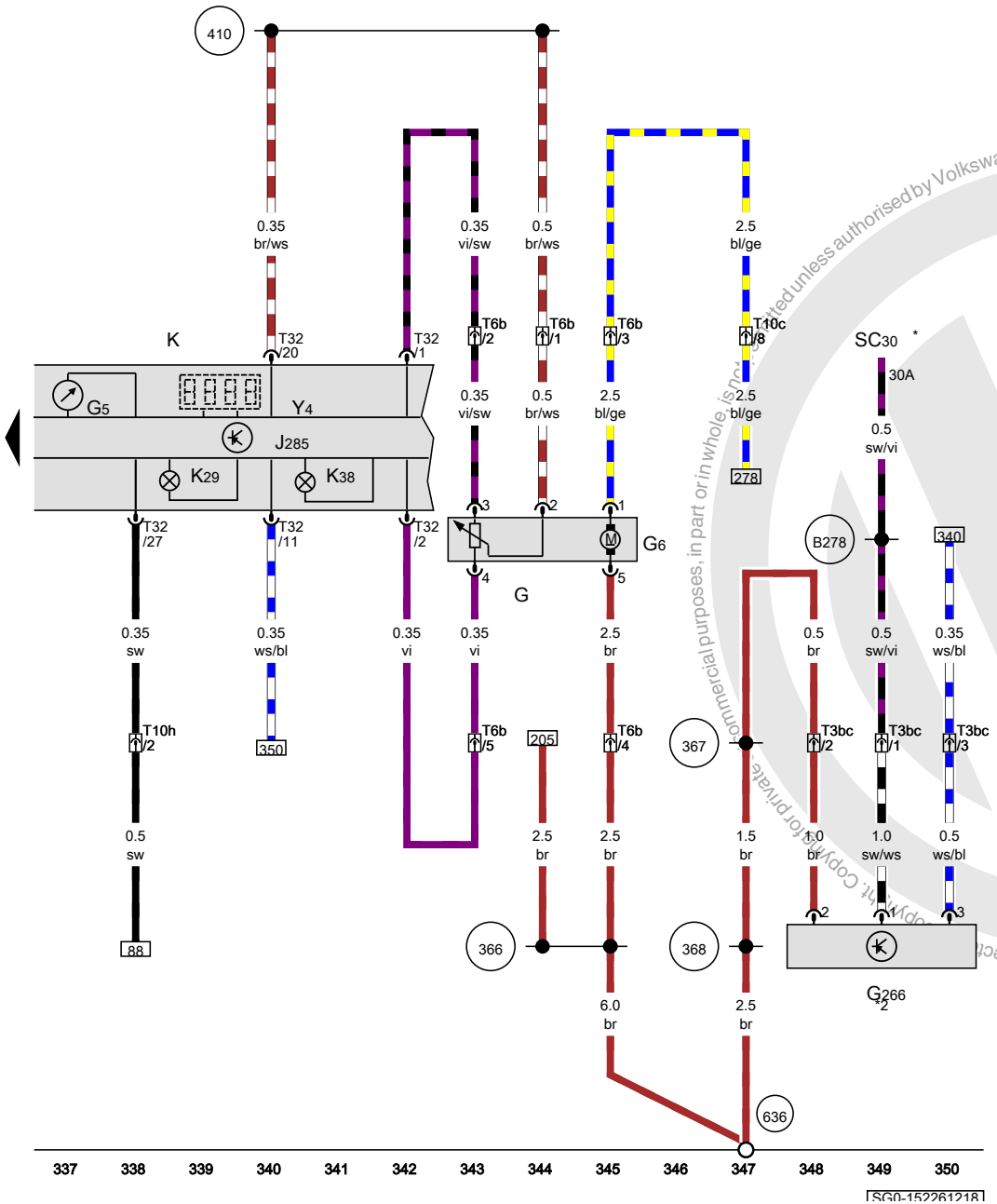


Fuel gauge, Onboard supply control unit, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp

G1	Fuel gauge
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
T10a	10-pin connector, brown, in E-box in engine compartment
T32	32-pin connector, blue
T73b	73-pin connector, white
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B464	Connection (speed signal), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Fuel gauge sender, Rev. counter, Fuel system pressurisation pump, Oil level and oil temperature sender, Dash panel insert, Glow period warning lamp, Oil level warning lamp

G	Fuel gauge sender
G5	Rev. counter
G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K	Dash panel insert
K29	Glow period warning lamp
K38	Oil level warning lamp
SC30	Fuse 30 on fuse holder C
T3bc	3-pin connector, black, on underbody, near cross panel
T6b	6-pin connector, black, on fuel tank
T10c	10-pin connector, yellow, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T32	32-pin connector, blue
Y4	Trip counter
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
410	Earth connection 1 (sender earth) in main wiring harness
636	Earth point, onboard supply control unit
B278	Positive connection 2 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with extended service intervals (ESI)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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2.0l diesel engine with start/stop system , CXFA,CXGA,CXGB,CXHA,CXHB,(7L6),(7CS)

From August 2018

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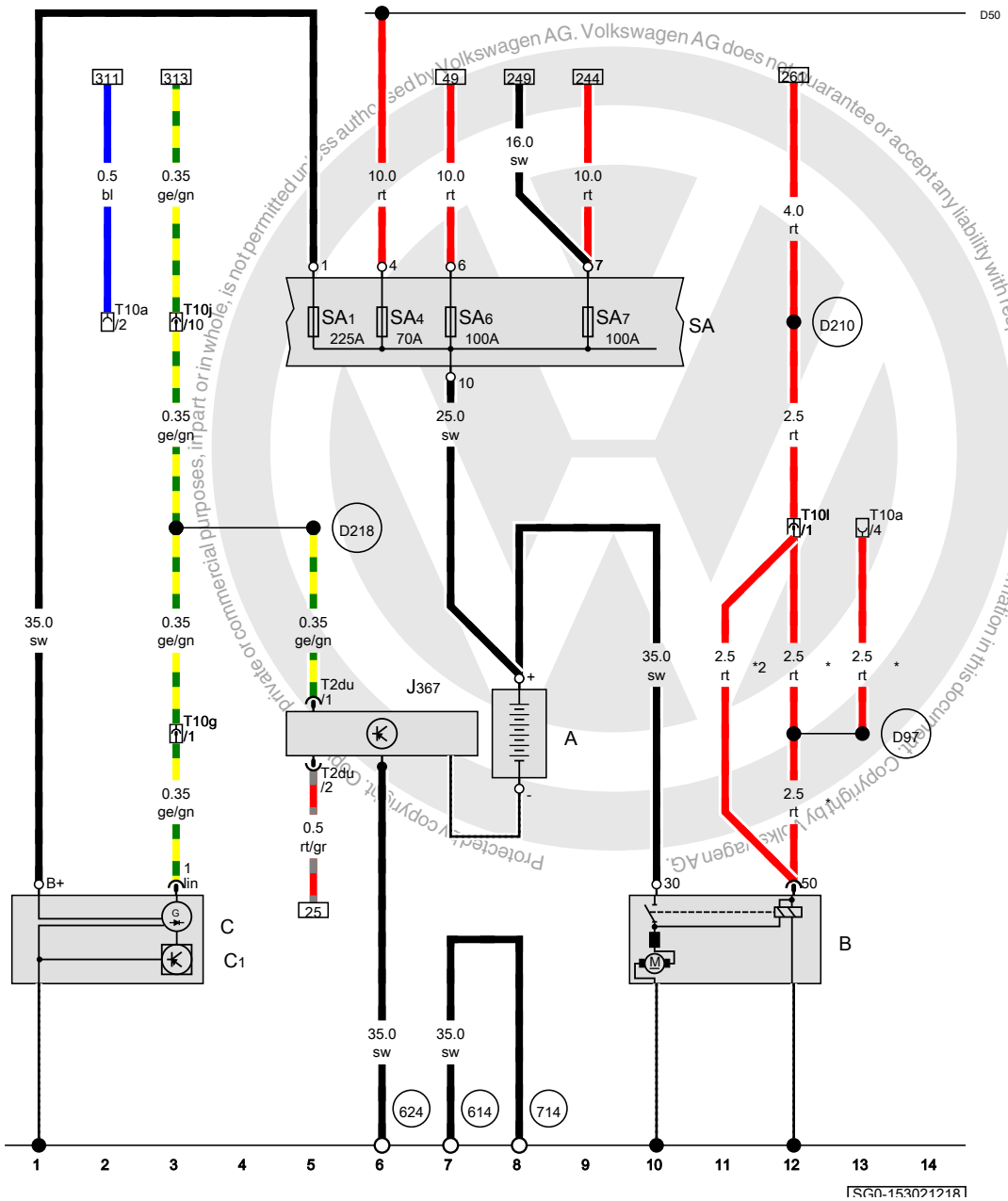
Battery, Starter, Alternator, Voltage regulator, Fuse holder A



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J367	Battery monitor control unit
SA	Fuse holder A, in E-box in engine compartment
SA1	Fuse 1 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
T2du	2-pin connector, black
T10a	10-pin connector, brown, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T10j	10-pin connector, dark brown, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
614	Earth point 2, on right in engine compartment
624	Earth point, starter battery
714	Earth point on right of engine
D50	Positive connection (30), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D210	Connection (50), in engine compartment wiring harness
D218	Connection 1 (LIN bus) in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox (DSG)

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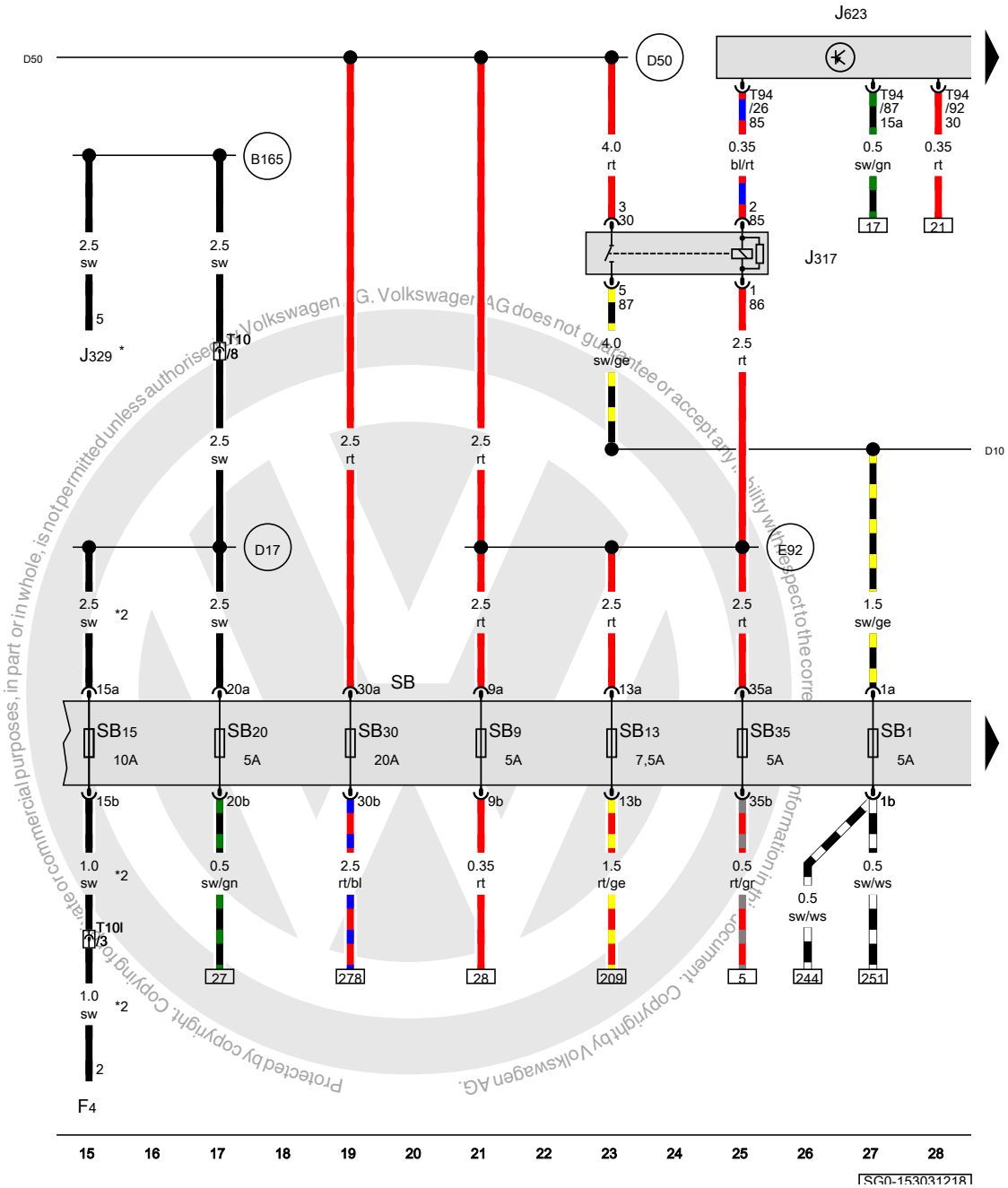

Terminal 30 voltage supply relay, Engine/motor control unit, Fuse holder B

F4	Reversing light switch
J317	Terminal 30 voltage supply relay, in E-box
J329	Terminal 15 voltage supply relay
J623	Engine/motor control unit, in E-box in engine compartment
SB	Fuse holder B, in E-box in engine compartment
SB1	Fuse 1 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB30	Fuse 30 on fuse holder B
SB35	Fuse 35 on fuse holder B
T10	10-pin connector, black, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T94	94-pin connector, black
B165	Positive connection 2 (15), in interior wiring harness
D17	Positive connection 1 (15), in engine harness
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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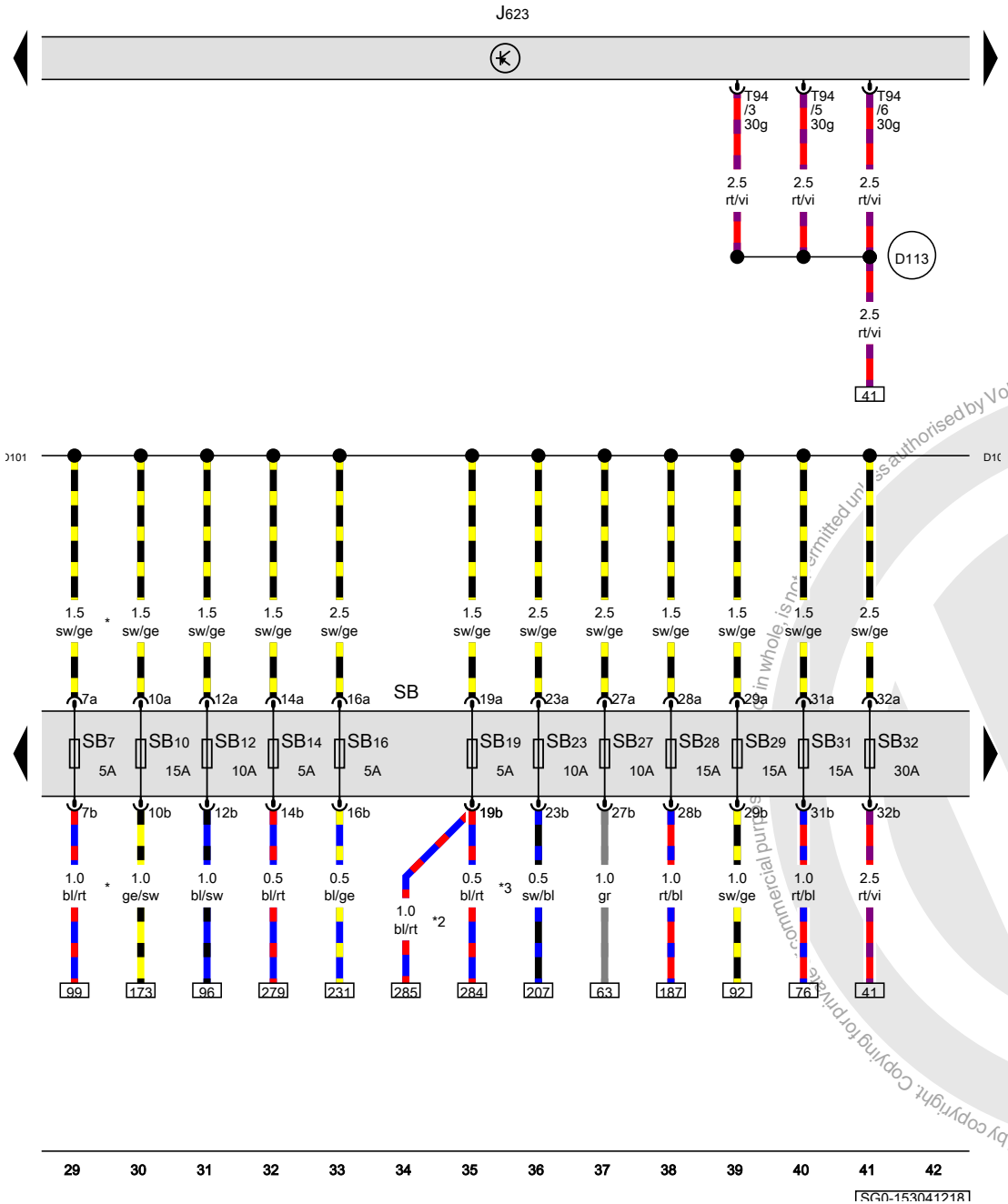

Engine/motor control unit, Fuse holder B

J623	Engine/motor control unit, in E-box in engine compartment
SB	Fuse holder B, in E-box in engine compartment
SB7	Fuse 7 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB19	Fuse 19 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB29	Fuse 29 on fuse holder B
SB31	Fuse 31 on fuse holder B
SB32	Fuse 32 on fuse holder B
T94	94-pin connector, black
D101	Connection 1 in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness
*	For models with crankcase breather heater element
*2	For models with manual gearbox
*3	For models with dual clutch gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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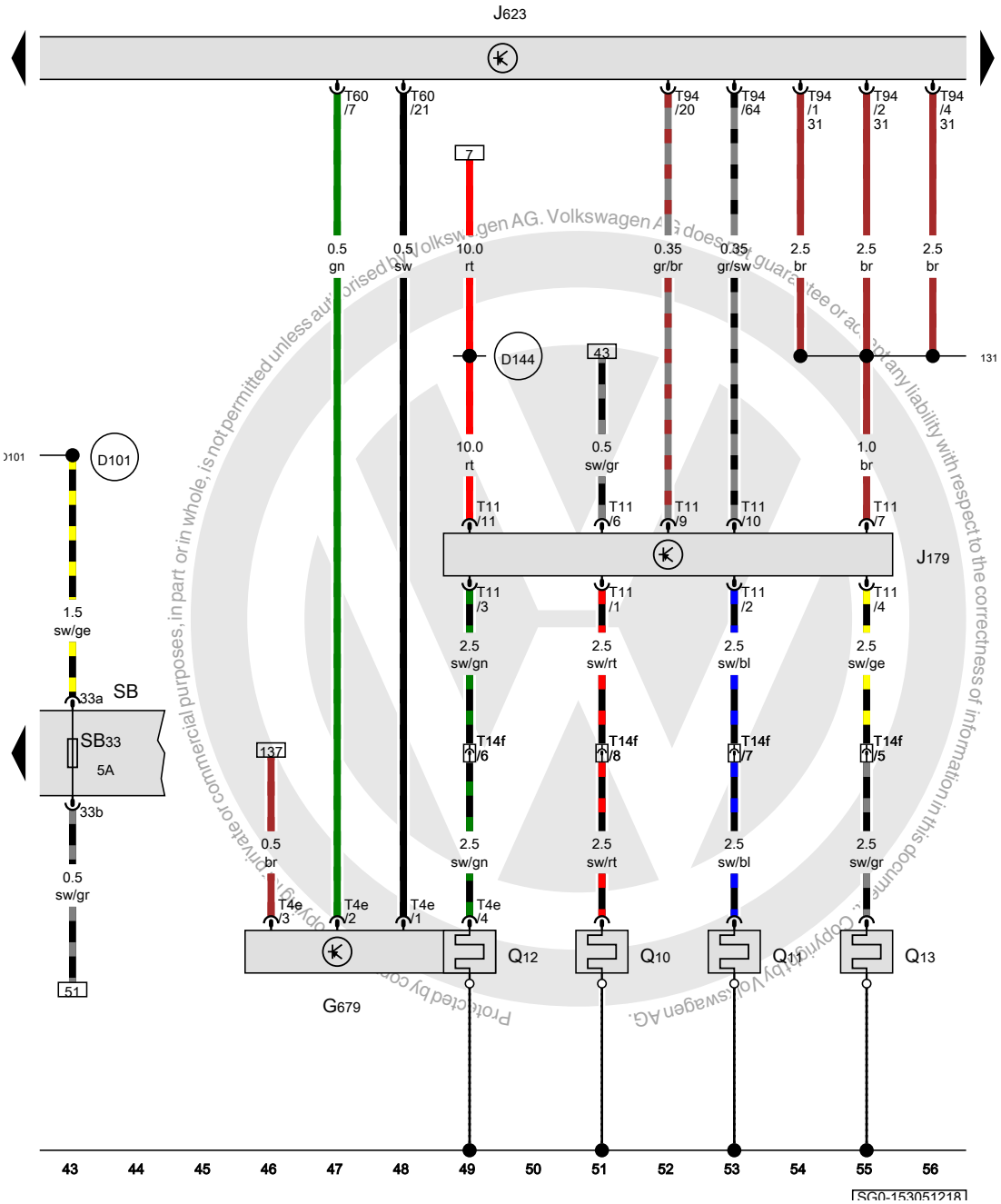

Automatic glow period control unit, Engine/motor control unit, Fuse holder B

G679	Cylinder 3 combustion chamber pressure sender
J179	Automatic glow period control unit, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
SB	Fuse holder B, in E-box in engine compartment
SB33	Fuse 33 on fuse holder B
T4e	4-pin connector, black
T11	11-pin connector, black
T14f	14-pin connector, grey, in E-box in engine compartment, next to relay plate
T60	60-pin connector, black
T94	94-pin connector, black
131	Earth connection 2, in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D144	Positive connection 5 (30), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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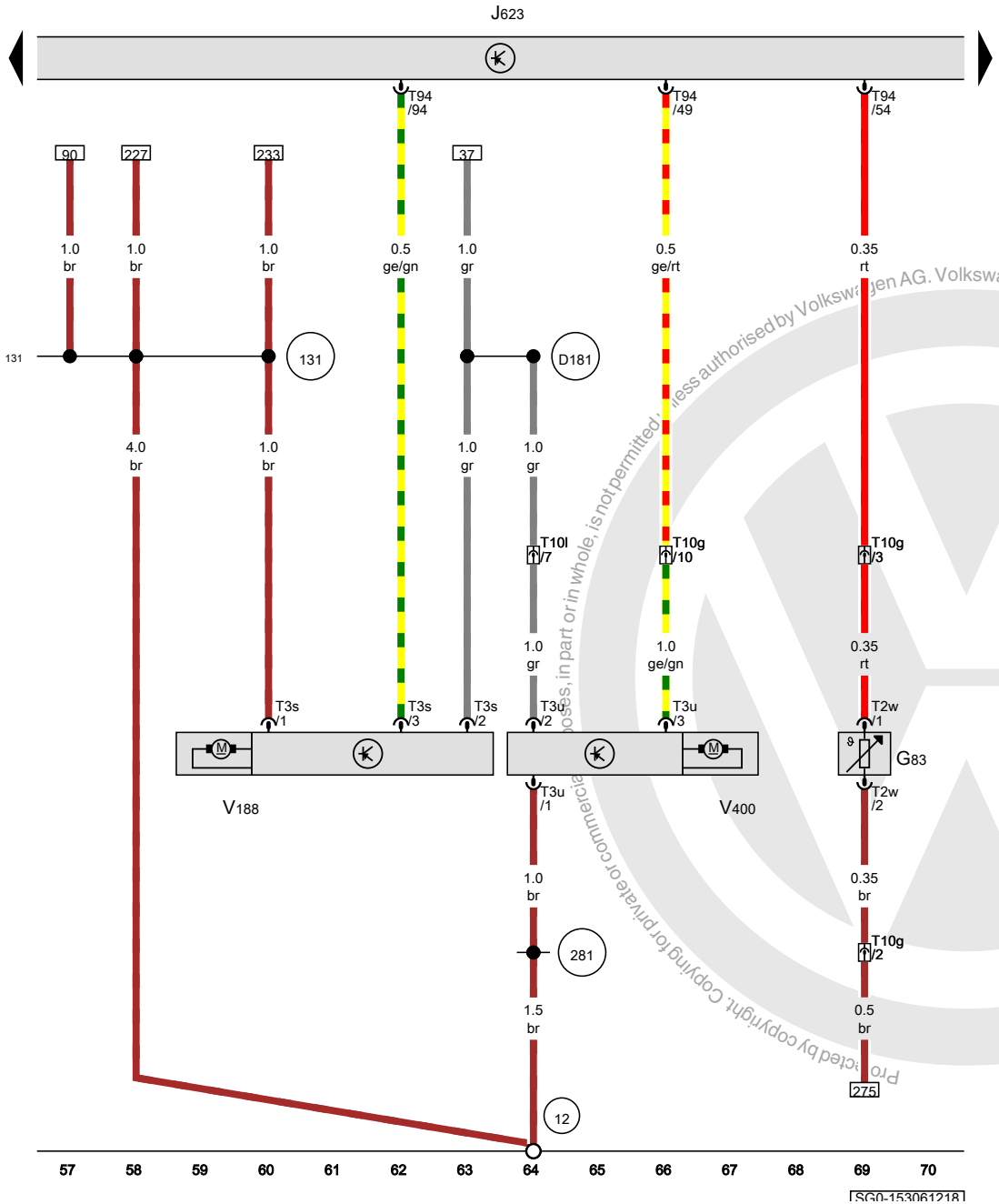
Radiator outlet coolant temperature sender, Engine/motor control unit, Charge air cooling pump, Pump for exhaust gas recirculation cooler



G83	Radiator outlet coolant temperature sender
J623	Engine/motor control unit, in E-box in engine compartment
T2w	2-pin connector, black
T3s	3-pin connector, black
T3u	3-pin connector, black
T10g	10-pin connector, grey, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T94	94-pin connector, black
V188	Charge air cooling pump
V400	Pump for exhaust gas recirculation cooler
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
D181	Connection 2 (87a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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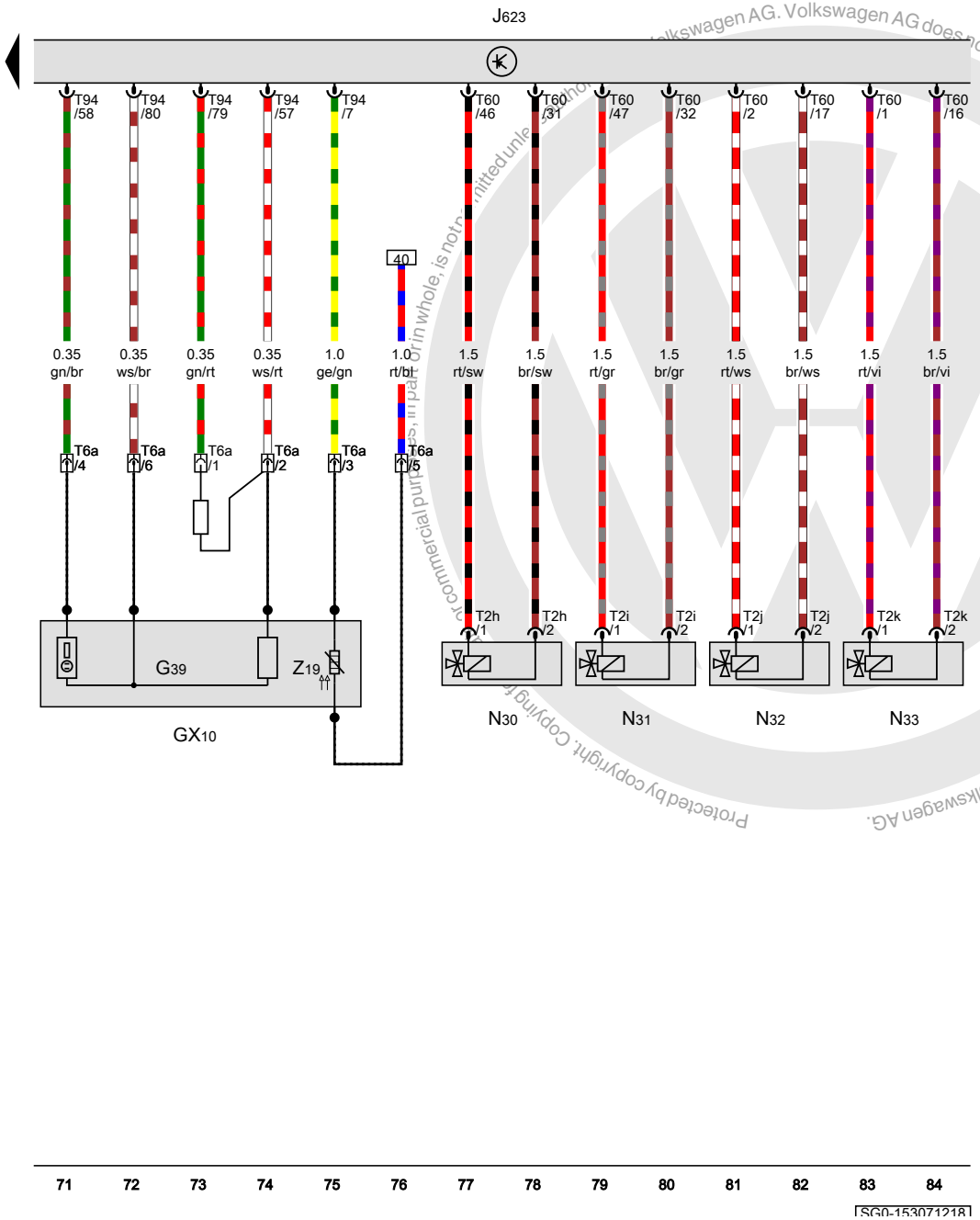

Lambda probe 1 before catalytic converter, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
J623	Engine/motor control unit, in E-box in engine compartment
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2h	2-pin connector, black
T2i	2-pin connector, black
T2j	2-pin connector, black
T2k	2-pin connector, black
T6a	6-pin connector, black, in middle of engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
Z19	Lambda probe heater

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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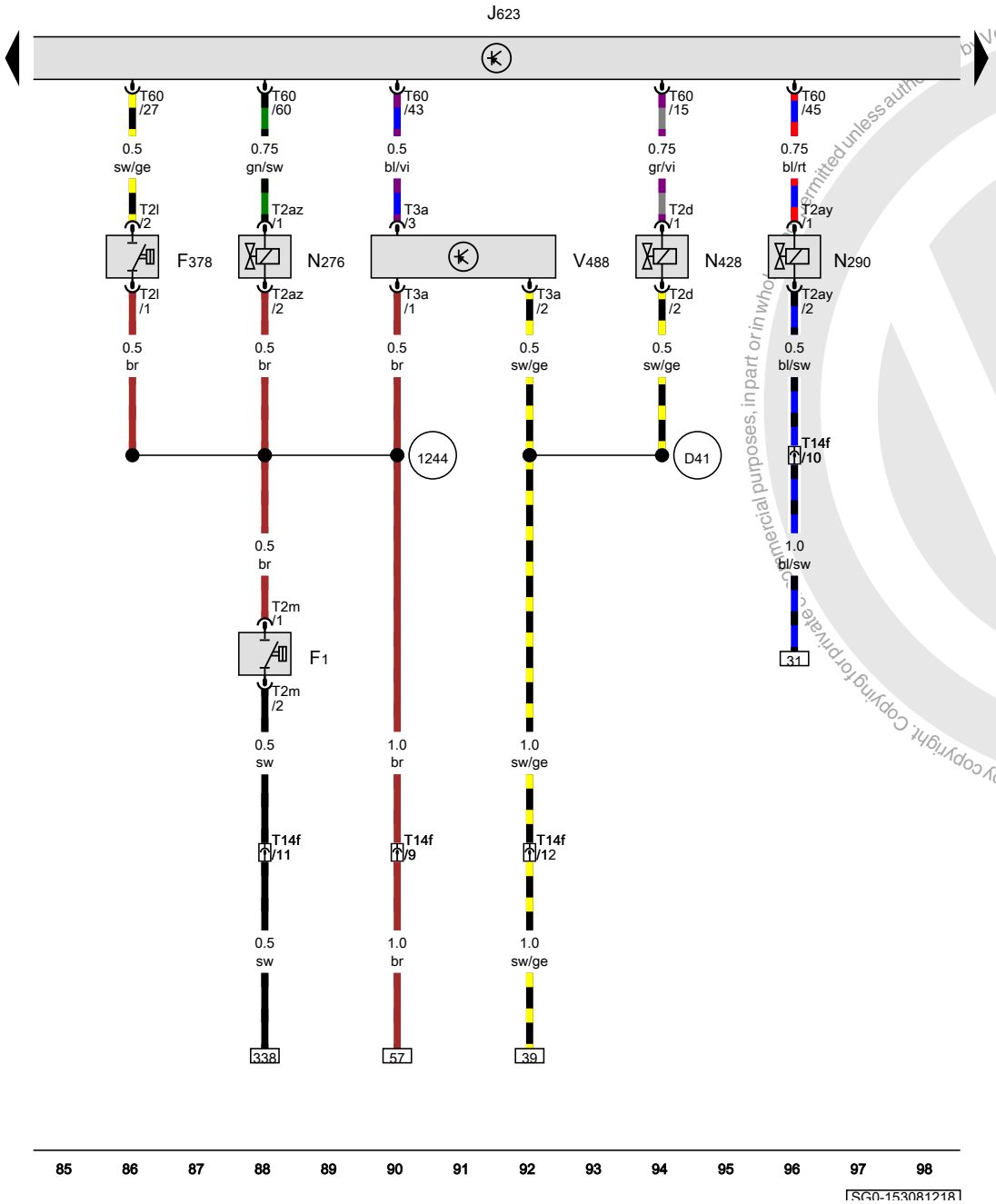

Oil pressure switch, Oil pressure switch for reduced oil pressure, Engine/motor control unit, Fuel pressure regulating valve, Fuel metering valve, Valve for oil pressure control, Auxiliary pump for heating

F1	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
J623	Engine/motor control unit, in E-box in engine compartment
N276	Fuel pressure regulating valve
N290	Fuel metering valve
N428	Valve for oil pressure control
T2ay	2-pin connector, black
T2az	2-pin connector, black
T2d	2-pin connector, black
T2l	2-pin connector, black
T2m	2-pin connector, red
T3a	3-pin connector, black
T14f	14-pin connector, grey, in E-box in engine compartment, next to relay plate
T60	60-pin connector, black
V488	Auxiliary pump for heating
1244	Earth point 7, engine prewiring harness
D41	Connection 3, in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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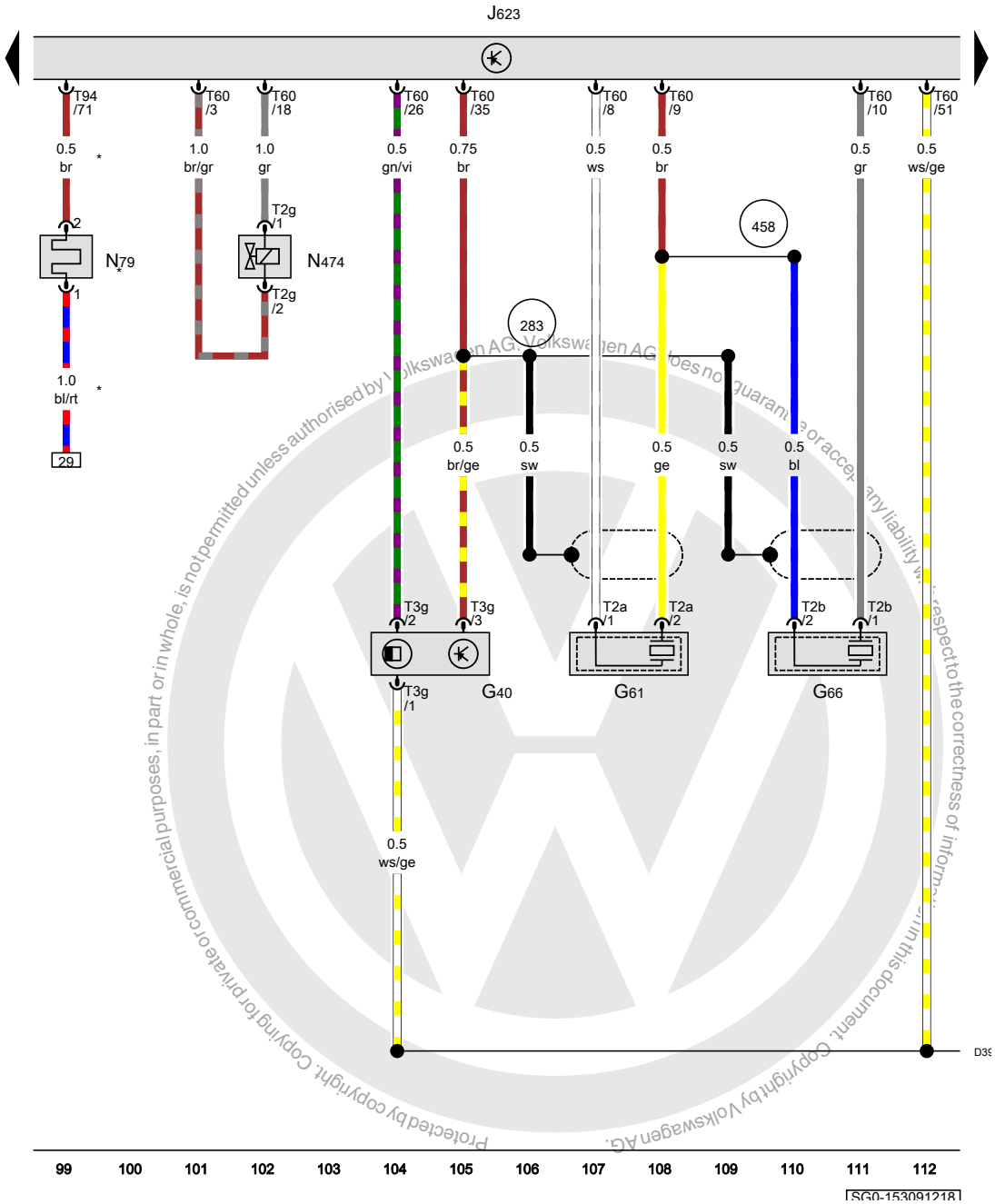

Hall sender, Knock sensor 1, Knock sensor 2, Engine/motor control unit, Heater element for crankcase breather, Injector for reducing agent

G40	Hall sender
G61	Knock sensor 1
G66	Knock sensor 2
J623	Engine/motor control unit, in E-box in engine compartment
N79	Heater element for crankcase breather
N474	Injector for reducing agent
T2a	2-pin connector, black
T2b	2-pin connector, black
T2g	2-pin connector, black
T3g	3-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
283	Earth point 2, engine prewiring harness
458	Earth point 3, engine prewiring harness
D39	Connection 1, in engine prewiring harness
*	For models with crankcase breather heater element

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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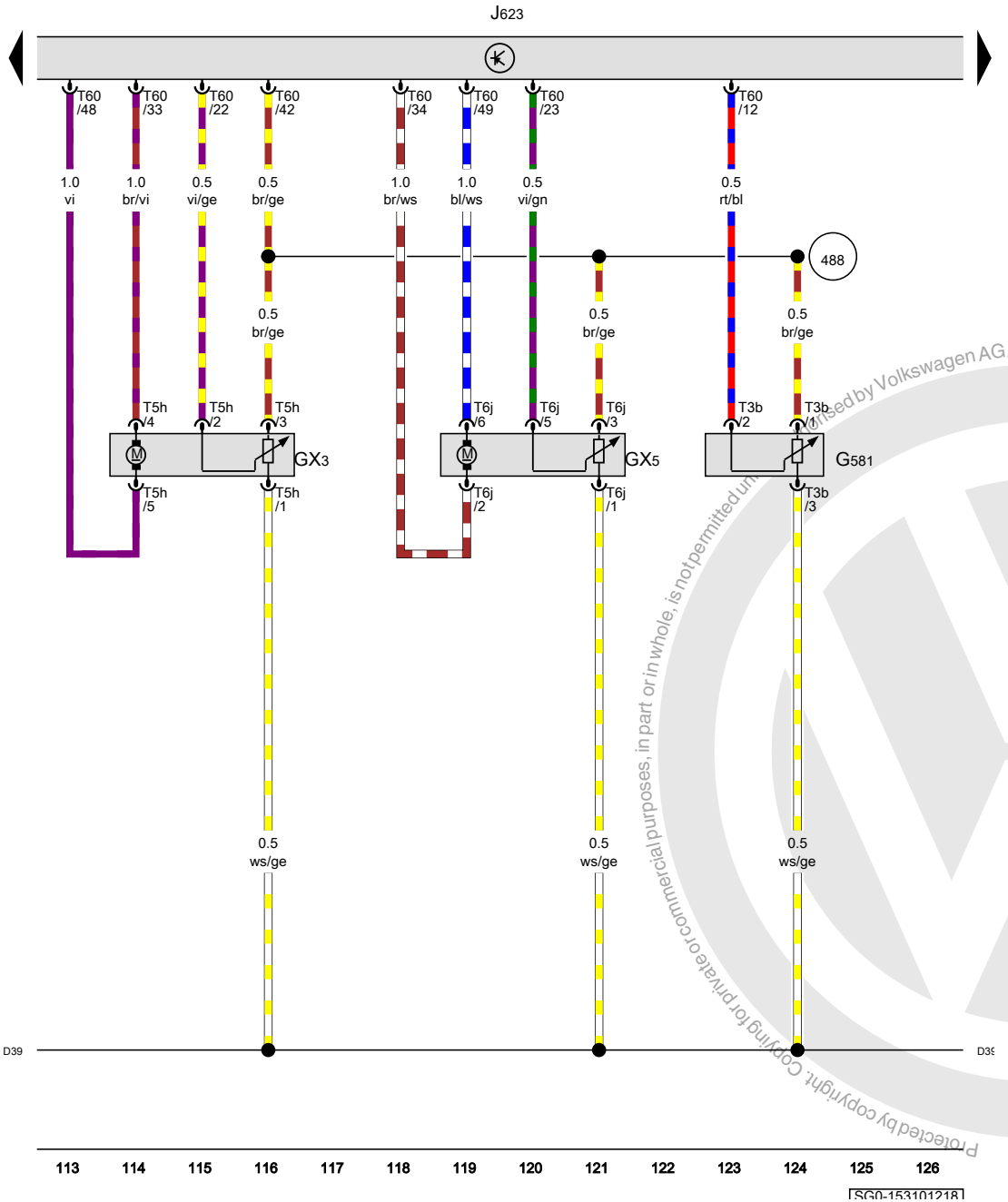
Throttle valve module, Exhaust gas recirculation valve 1, Position sender for charge pressure positioner, Engine/ motor control unit



GX3	Throttle valve module
GX5	Exhaust gas recirculation valve 1
G581	Position sender for charge pressure positioner
J623	Engine/motor control unit, in E-box in engine compartment
T3b	3-pin connector, brown
T5h	5-pin connector, black
T6j	6-pin connector, grey
T60	60-pin connector, black
488	Earth point 6, engine prewiring harness
D39	Connection 1, in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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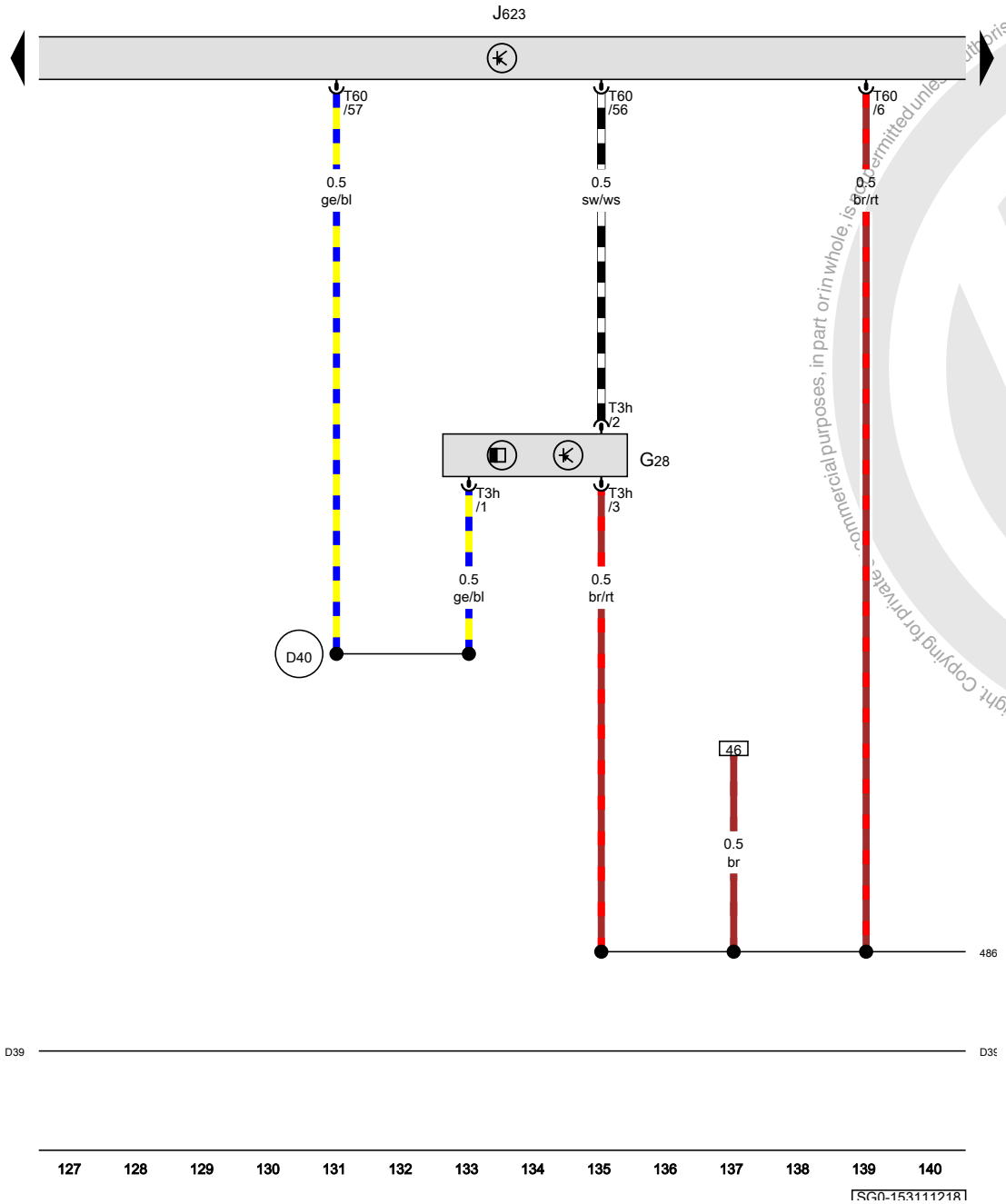
Engine speed sender, Engine/motor control unit

G28	Engine speed sender
J623	Engine/motor control unit, in E-box in engine compartment
T3h	3-pin connector, black
T60	60-pin connector, black
486	Earth point 4, engine prewiring harness
D39	Connection 1, in engine prewiring harness
D40	Connection 2, in engine prewiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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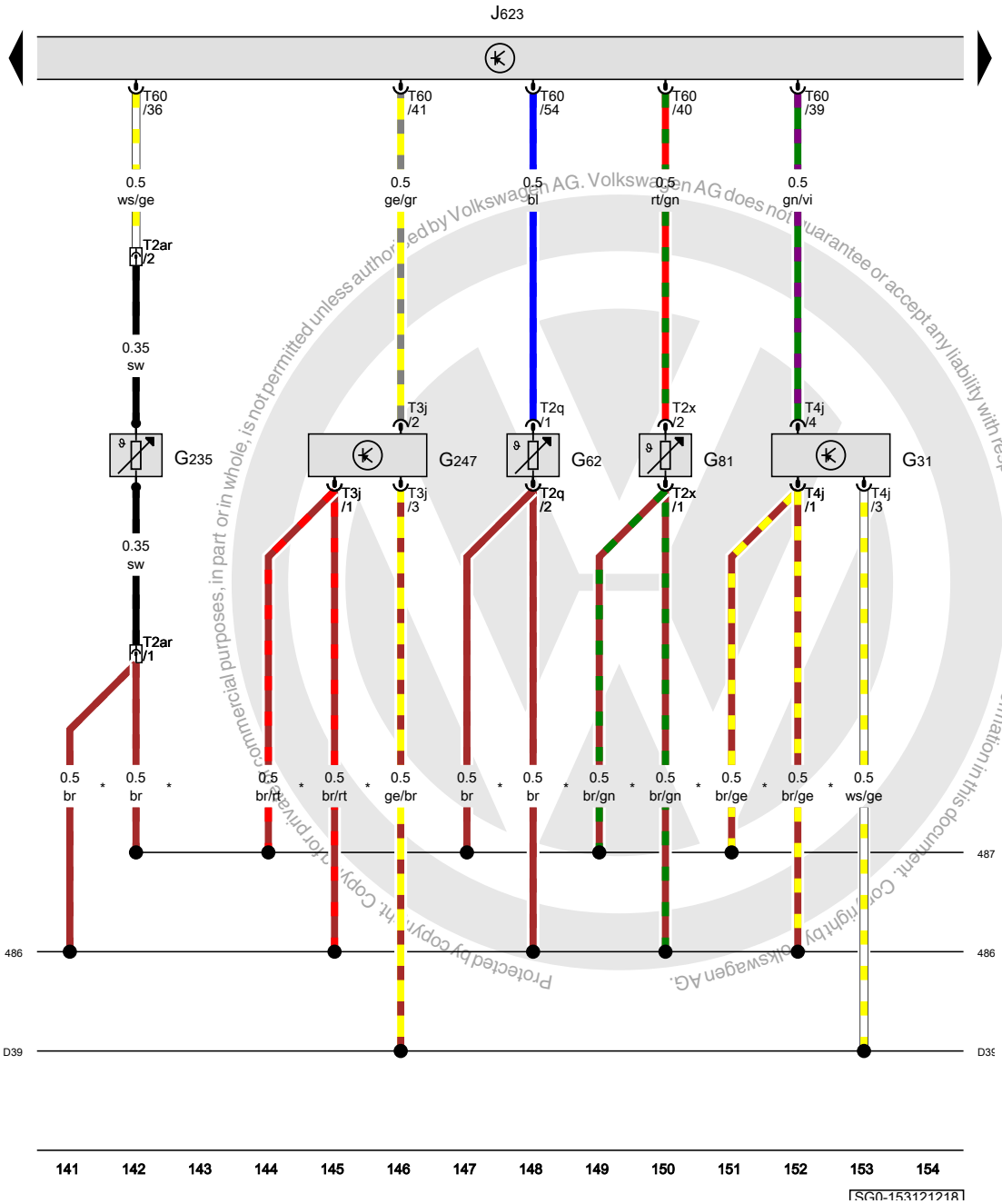

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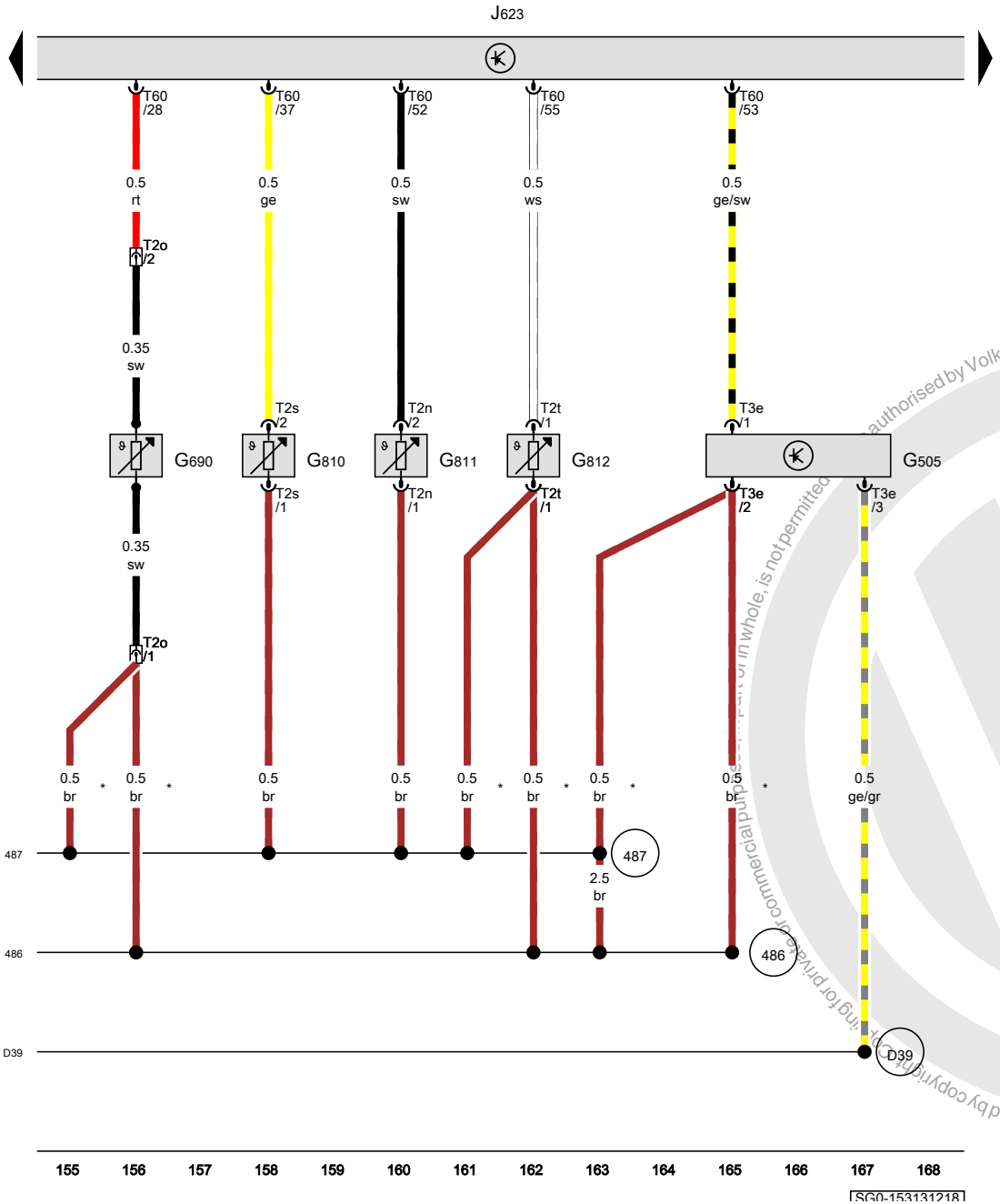
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Charge pressure sender, Coolant temperature sender, Fuel temperature sender, Exhaust gas temperature sender 1, Fuel pressure sender, Engine/motor control unit

G31	Charge pressure sender
G62	Coolant temperature sender
G81	Fuel temperature sender
G235	Exhaust gas temperature sender 1
G247	Fuel pressure sender
J623	Engine/motor control unit, in E-box in engine compartment
T2ar	2-pin connector, black, near exhaust gas recirculation
T2q	2-pin connector, black
T2x	2-pin connector, black
T3j	3-pin connector, black
T4j	4-pin connector, black
T60	60-pin connector, black
486	Earth point 4, engine prewiring harness
487	Earth point 5, engine prewiring harness
D39	Connection 1, in engine prewiring harness
*	According to equipment

Pressure differential sender, Temperature sensor 2 for exhaust recirculation, Charge air temperature sender before charge air cooler, Charge air temperature sender after charge air cooler, Coolant temperature sender 3, Engine/ motor control unit



G505	Pressure differential sender
G690	Temperature sensor 2 for exhaust recirculation
G810	Charge air temperature sender before charge air cooler
G811	Charge air temperature sender after charge air cooler
G812	Coolant temperature sender 3
J623	Engine/motor control unit, in E-box in engine compartment
T2n	2-pin connector, black
T2o	2-pin connector, brown, in middle of engine compartment
T2s	2-pin connector, black
T2t	2-pin connector, black
T3e	3-pin connector, black
T60	60-pin connector, black
486	Earth point 4, engine prewiring harness
487	Earth point 5, engine prewiring harness
D39	Connection 1, in engine prewiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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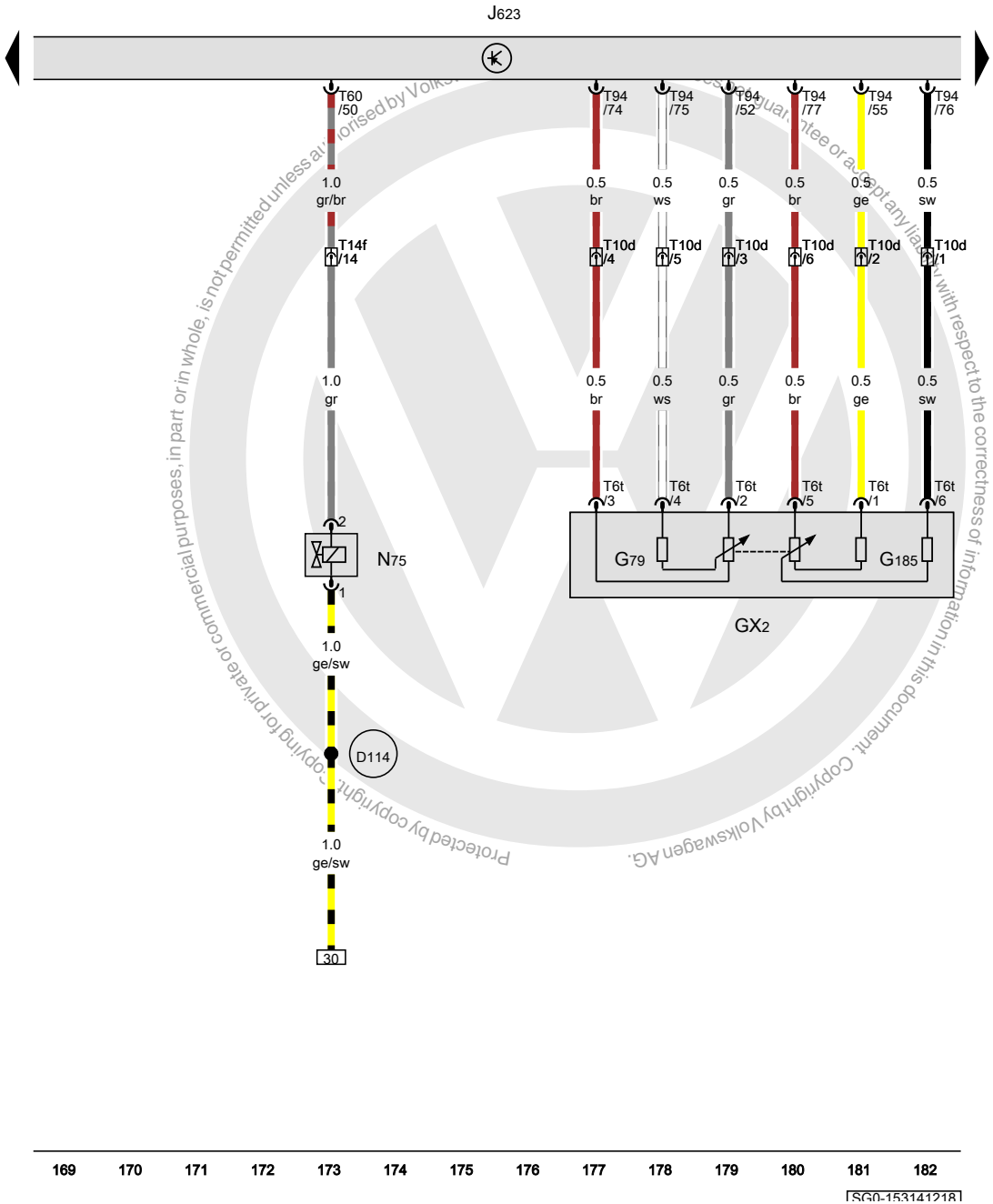

Accelerator pedal module, Accelerator position sender, Accelerator position sender 2, Engine/motor control unit, Charge pressure control solenoid valve

GX2	Accelerator pedal module
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit, in E-box in engine compartment
N75	Charge pressure control solenoid valve
T6t	6-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T14f	14-pin connector, grey, in E-box in engine compartment, next to relay plate
T60	60-pin connector, black
T94	94-pin connector, black
D114	Connection 12 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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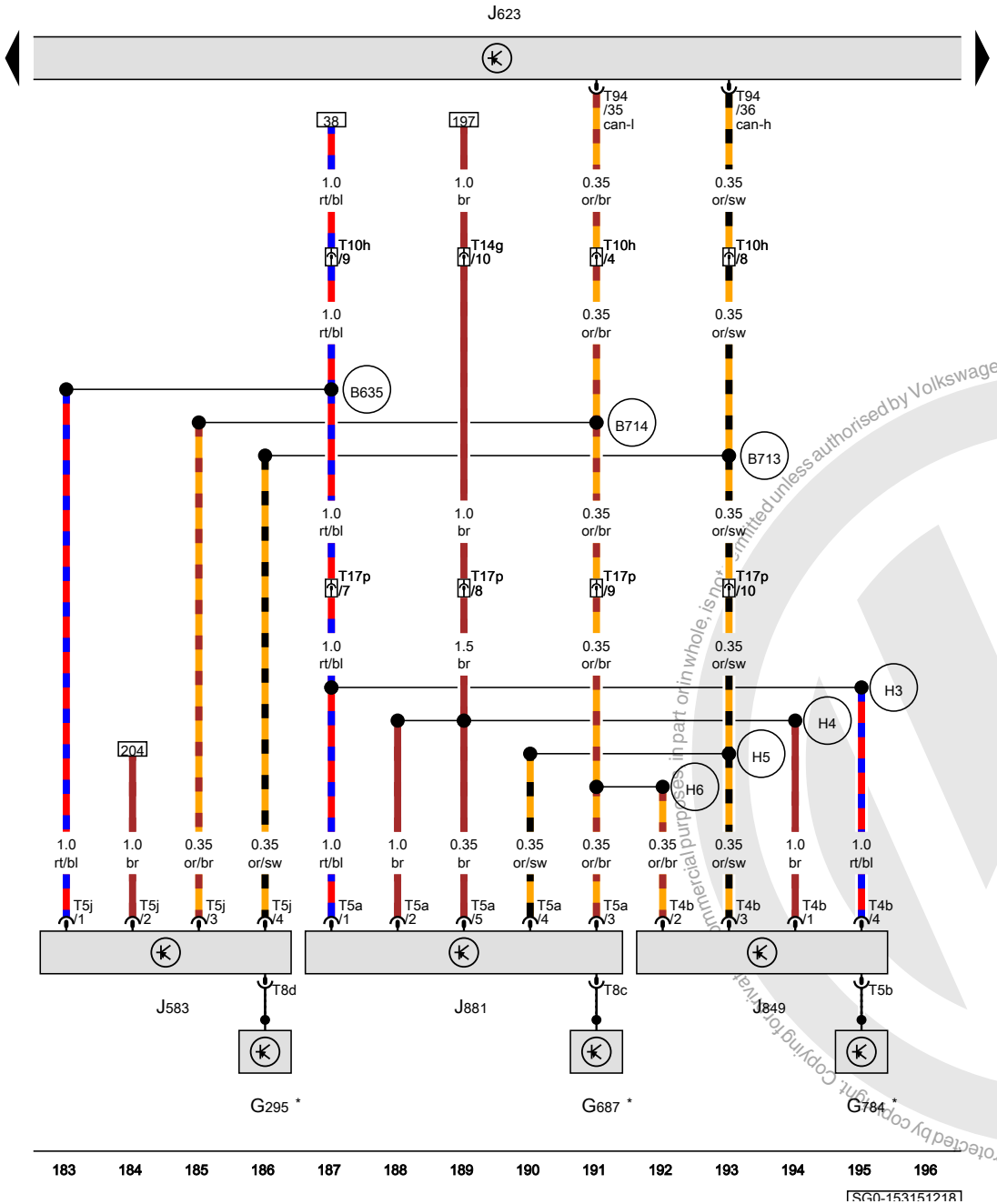
NOx sender, NOx sender 2, Particulate sensor, Control unit for NOx sender, Engine/motor control unit, Control unit for sensor electronics, Control unit for NOx sender 2



G295	NOx sender
G687	NOx sender 2
G784	Particulate sensor
J583	Control unit for NOx sender
J623	Engine/motor control unit, in E-box in engine compartment
J849	Control unit for sensor electronics
J881	Control unit for NOx sender 2
T4b	4-pin connector, black
T5a	5-pin connector, black
T5b	5-pin connector, black
T5j	5-pin connector, black
T8c	8-pin connector, black
T8d	8-pin connector, black
T10h	10-pin connector, orange, in E-box in engine compartment
T14g	14-pin connector, black, near container for additive
T17p	17-pin connector, red, under seat on front left
T94	94-pin connector, black
B635	Positive connection 3 (87), in main wiring harness
B713	Connection 1 (CAN bus diagnosis, high), in main wiring harness
B714	Connection 1 (CAN bus diagnosis, low), in main wiring harness
H3	Connection 1 in wiring harness for reducing agent tank
H4	Connection 2 in wiring harness for reducing agent tank
H5	Connection 3 in wiring harness for reducing agent tank
H6	Connection 4 in wiring harness for reducing agent tank
*	Pre-wired component

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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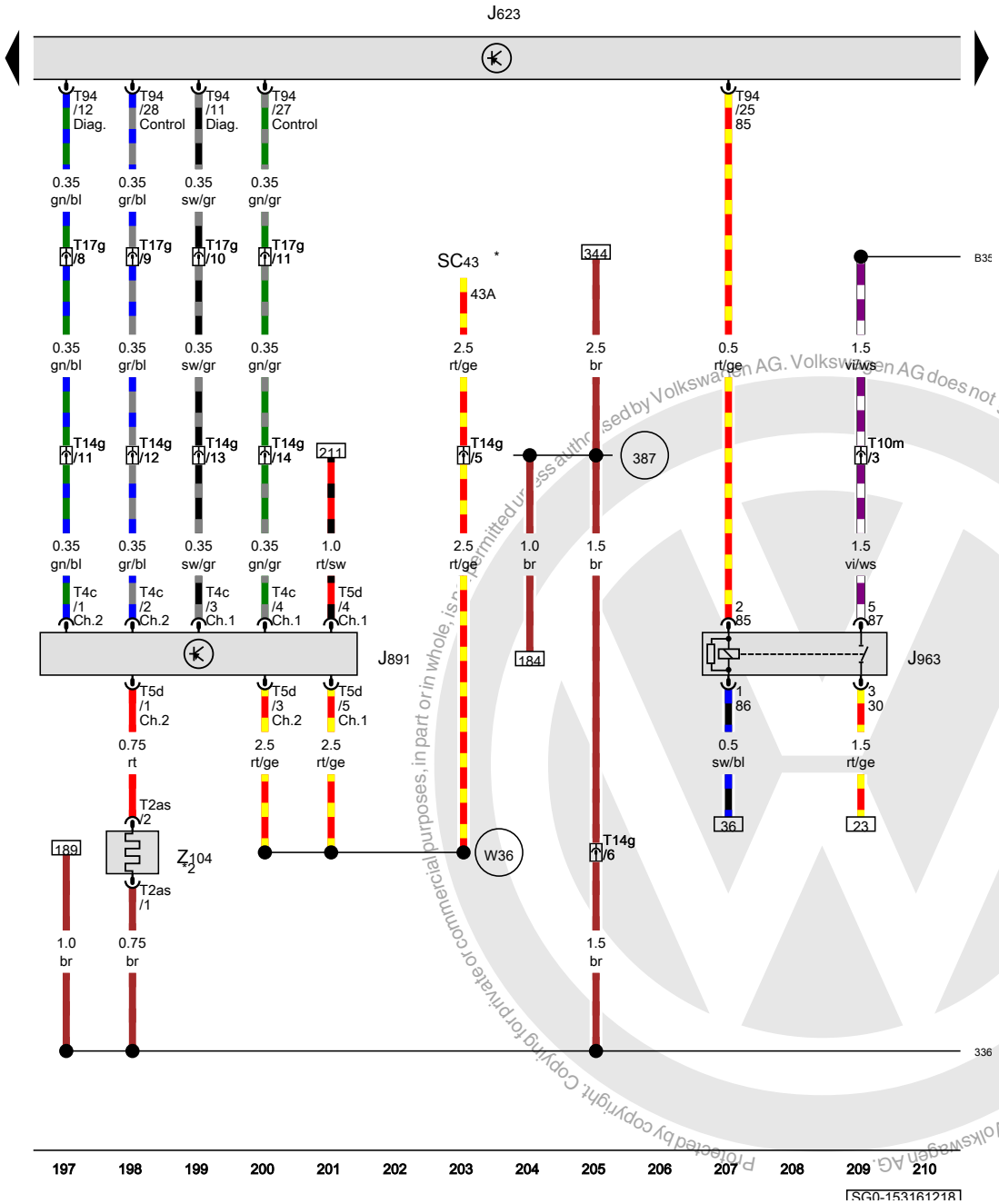

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Engine/motor control unit, Control unit for reducing agent heater, Relay for reducing agent metering system, Fuse 43 on fuse holder C, Heater for reducing agent line (heater circuit 2)

J623	Engine/motor control unit, in E-box in engine compartment
J891	Control unit for reducing agent heater
J963	Relay for reducing agent metering system
SC43	Fuse 43 on fuse holder C
T2as	2-pin connector, black
T4c	4-pin connector, black
T5d	5-pin connector, colourless
T10m	10-pin connector, light pink, in E-box in engine compartment
T14g	14-pin connector, black, near container for additive
T17g	17-pin connector, black, in E-box in engine compartment
T94	94-pin connector, black
Z104	Heater for reducing agent line (heater circuit 2)
336	Earth connection 1, in floor wiring harness
387	Earth connection 22, in main wiring harness
B350	Positive connection 1 (87a) in main wiring harness
W36	Positive connection (30a), in floor wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Pre-wired component

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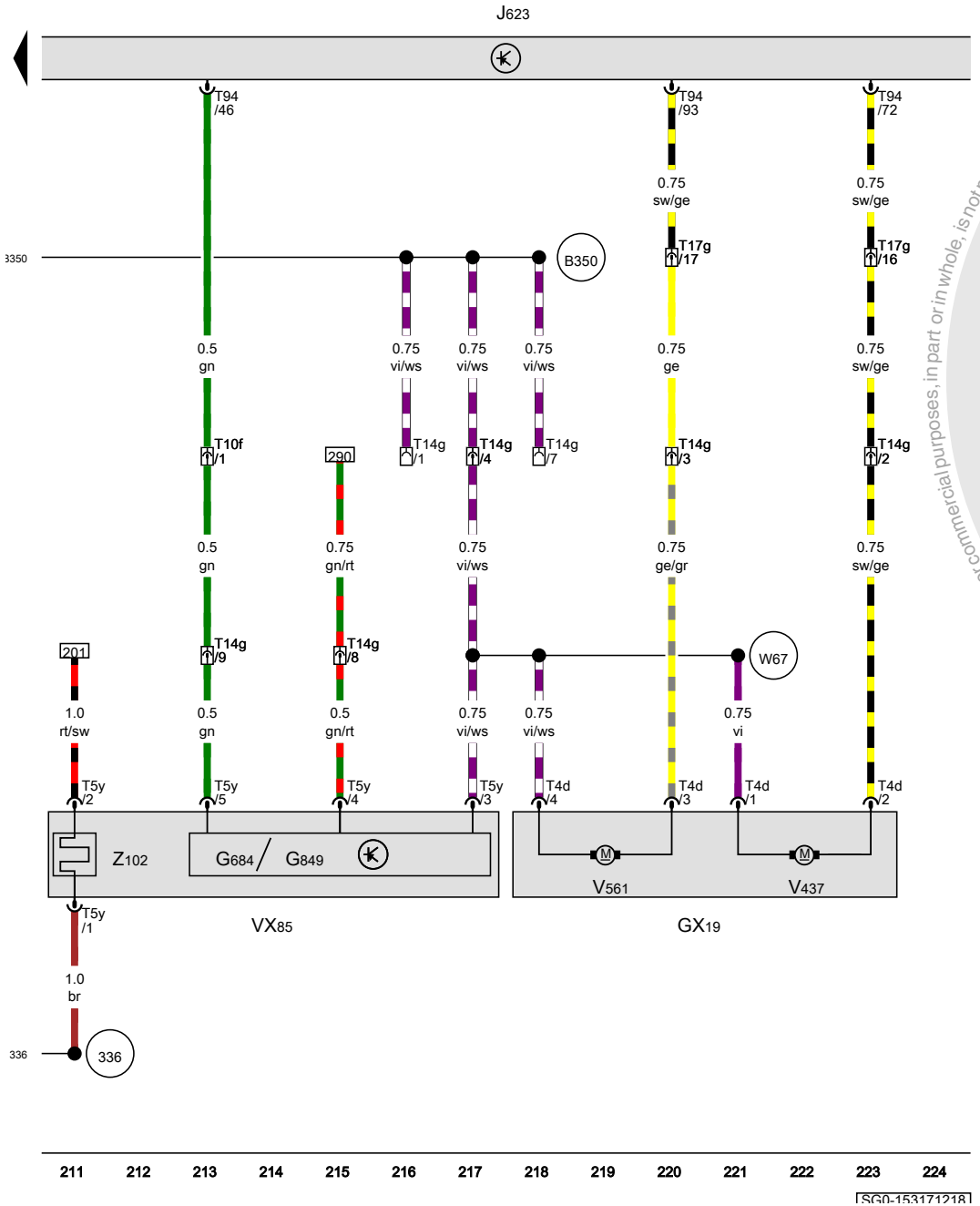

Delivery unit for reducing agent metering system, Engine/ motor control unit, Reducing agent tank

GX19	Delivery unit for reducing agent metering system, on reducing-agent tank
G684	Tank sender for reducing agent, in reducing agent tank
G849	Reducing agent quality sensor, in reducing agent tank
J623	Engine/motor control unit, in E-box in engine compartment
T4d	4-pin connector, black
T5y	5-pin connector, black
T10f	10-pin connector, green, in E-box in engine compartment
T14g	14-pin connector, black, near container for additive
T17g	17-pin connector, black, in E-box in engine compartment
T94	94-pin connector, black
VX85	Reducing agent tank
V437	Pump for reducing agent, on reducing-agent tank
V561	Reducing agent return flow pump, on reducing-agent tank
Z102	Heater for reducing agent tank (heater circuit 1), in reducing agent tank
336	Earth connection 1, in floor wiring harness
B350	Positive connection 1 (87a) in main wiring harness
W67	Connection (87), in floor wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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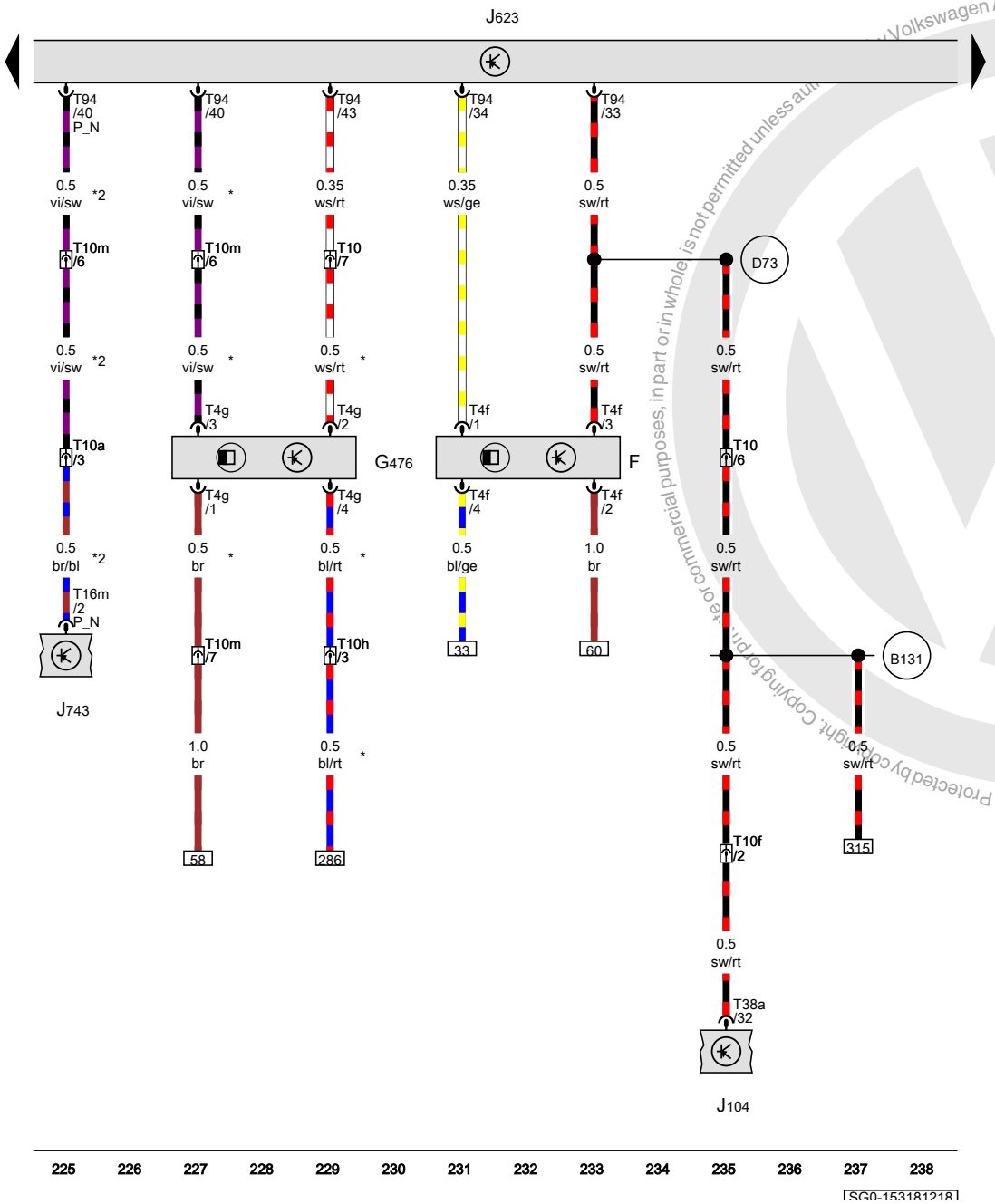
Brake light switch, Clutch position sender, Engine/motor control unit, Mechatronic unit for dual clutch gearbox



F	Brake light switch, on brake master cylinder
G476	Clutch position sender
J104	ABS control unit
J623	Engine/motor control unit, in E-box in engine compartment
J743	Mechatronic unit for dual clutch gearbox
T4f	4-pin connector, black
T4g	4-pin connector, black
T10	10-pin connector, black, in E-box in engine compartment
T10a	10-pin connector, brown, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T16m	16-pin connector, black
T38a	38-pin connector, black
T94	94-pin connector, black
B131	Connection (54), in interior wiring harness
D73	Positive connection (54), in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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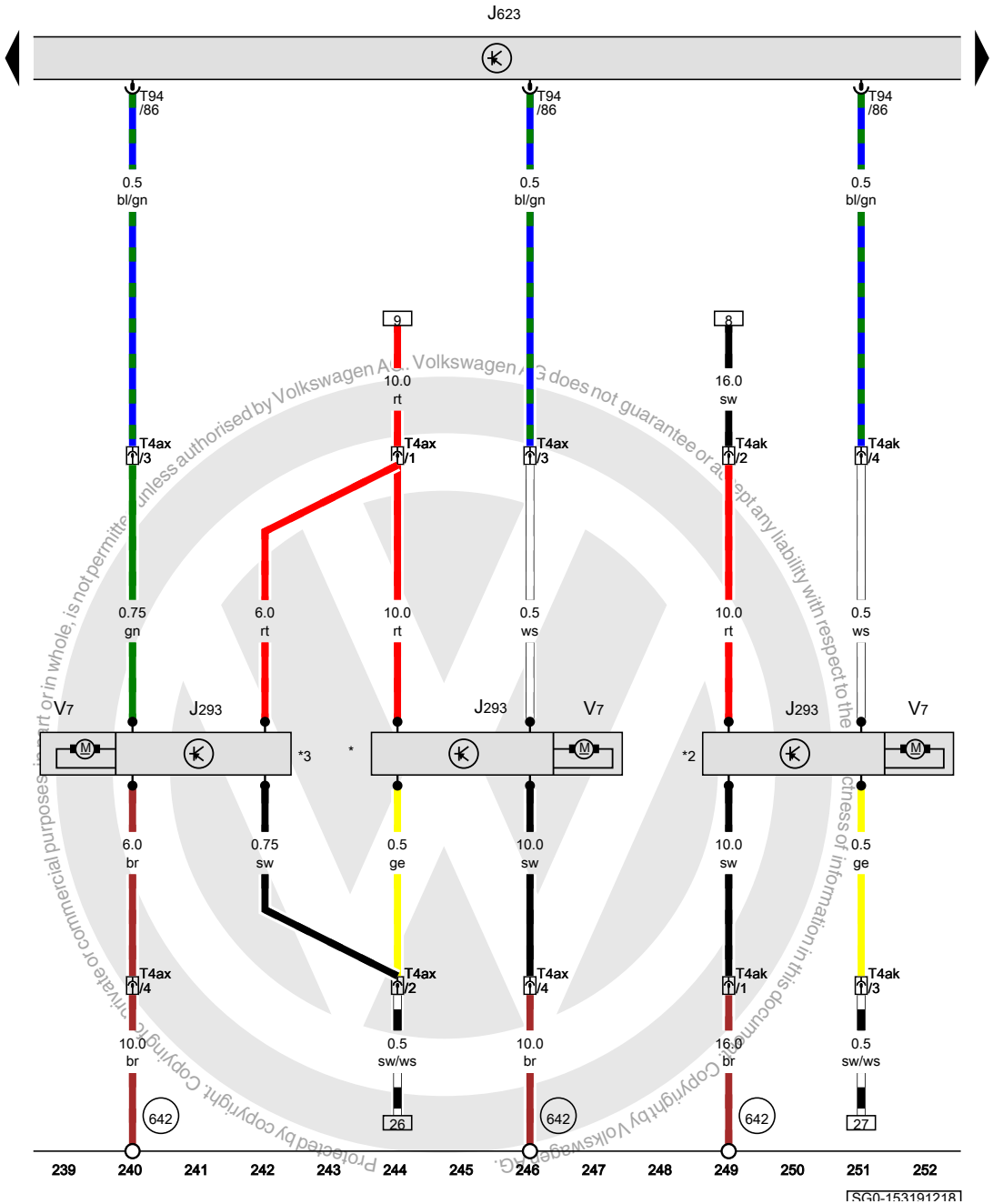

Radiator fan control unit, Engine/motor control unit

J293	Radiator fan control unit
J623	Engine/motor control unit, in E-box in engine compartment
T4ak	4-pin connector, black, near radiator fan
T4ax	4-pin connector, black, near radiator fan
T94	94-pin connector, black
V7	Radiator fan
642	Earth point for electronically controlled fan
*	For models with medium fan output
*2	For models with increased fan output
*3	For models with low fan output

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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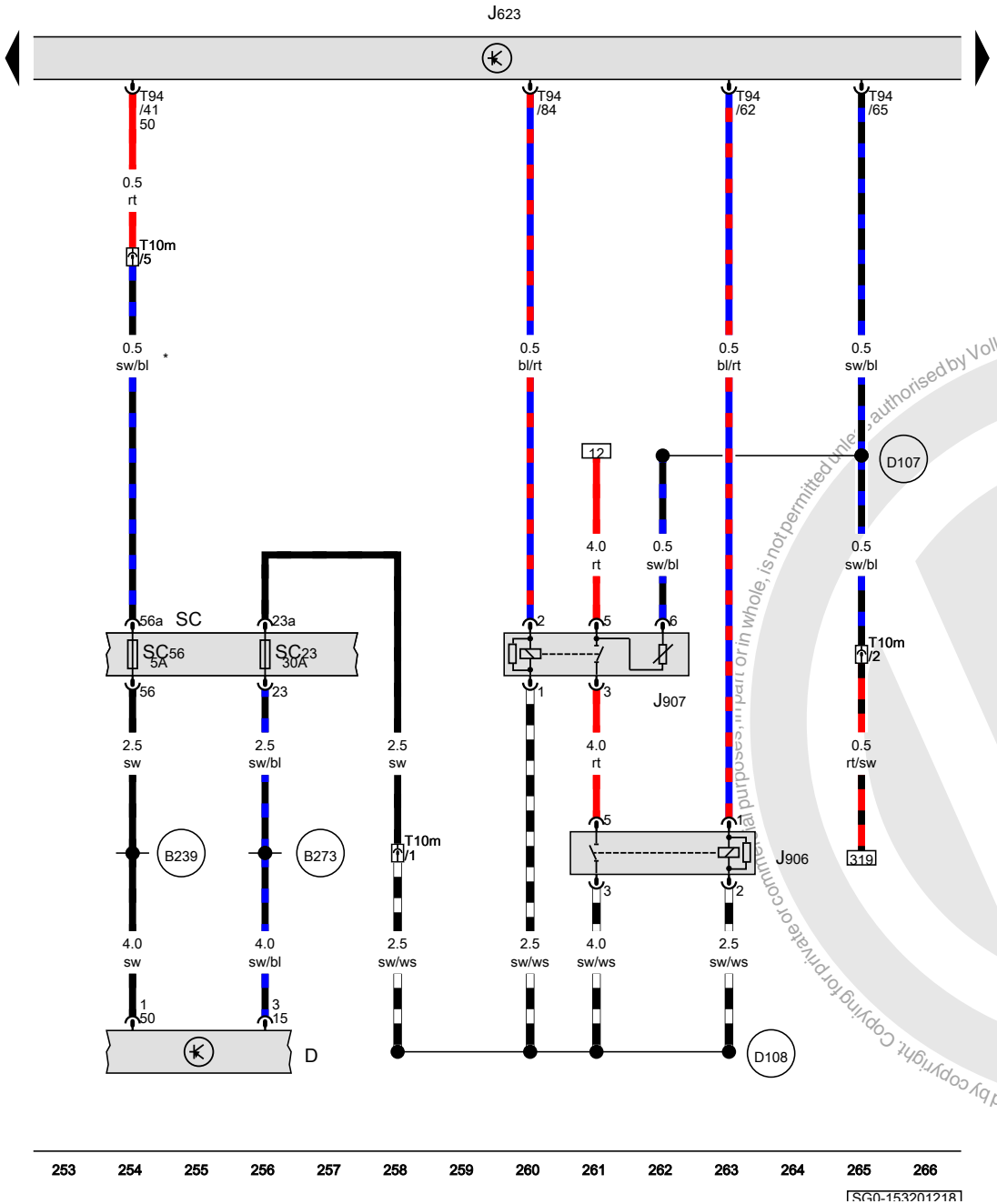
Ignition/starter switch, Engine/motor control unit, Fuse 23 on fuse holder C, Fuse 56 on fuse holder C



D	Ignition/starter switch
J623	Engine/motor control unit, in E-box in engine compartment
J906	Starter relay 1, in E-box in engine compartment
J907	Starter relay 2, in E-box in engine compartment
SC	Fuse holder C, in centre of dash panel
SC23	Fuse 23 on fuse holder C
SC56	Fuse 56 on fuse holder C
T10m	10-pin connector, light pink, in E-box in engine compartment
T94	94-pin connector, black
B239	Positive connection 1 (50), in interior wiring harness
B273	Positive connection (15), in main wiring harness
D107	Connection 5 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
*	For models with no electric interface

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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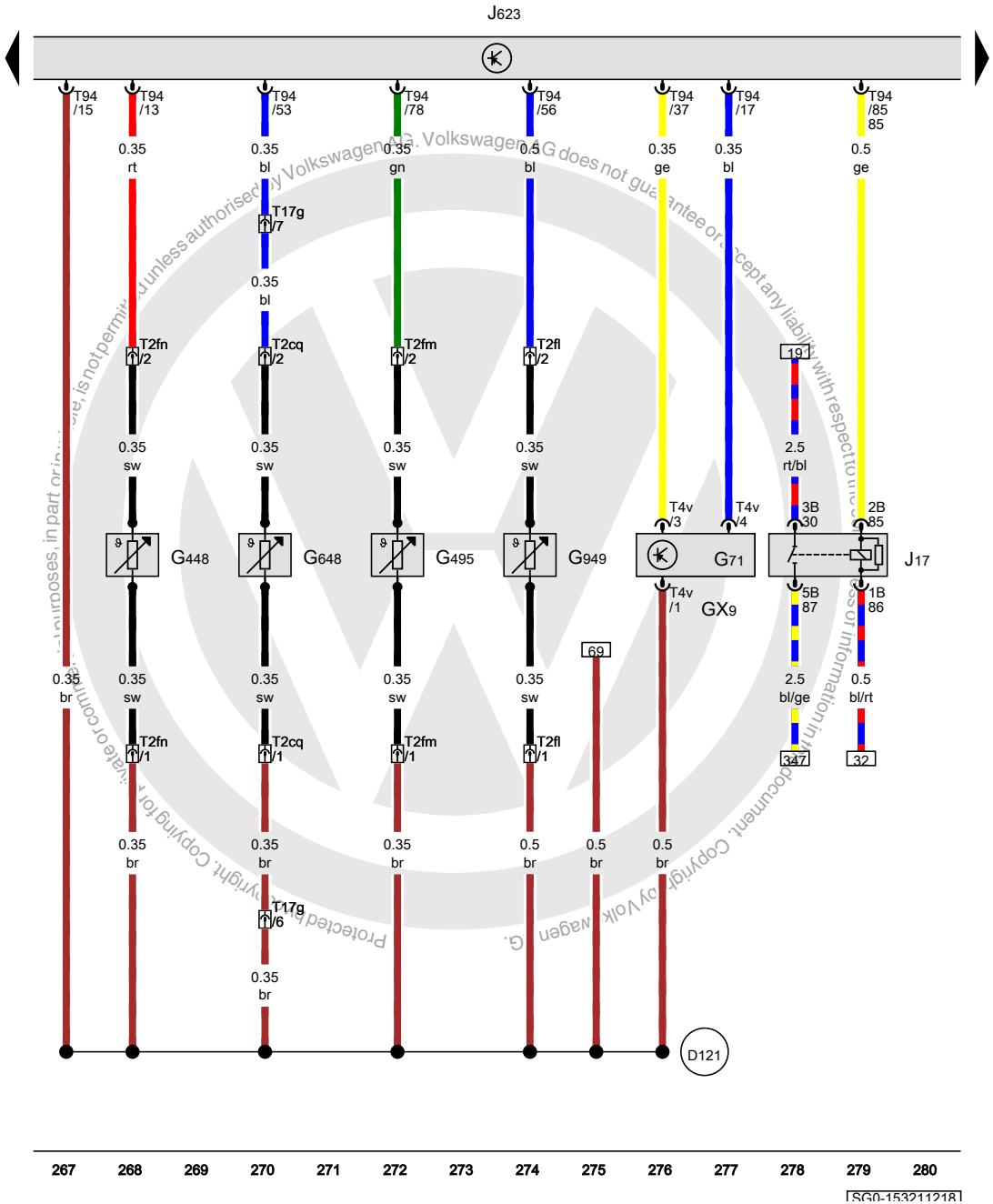
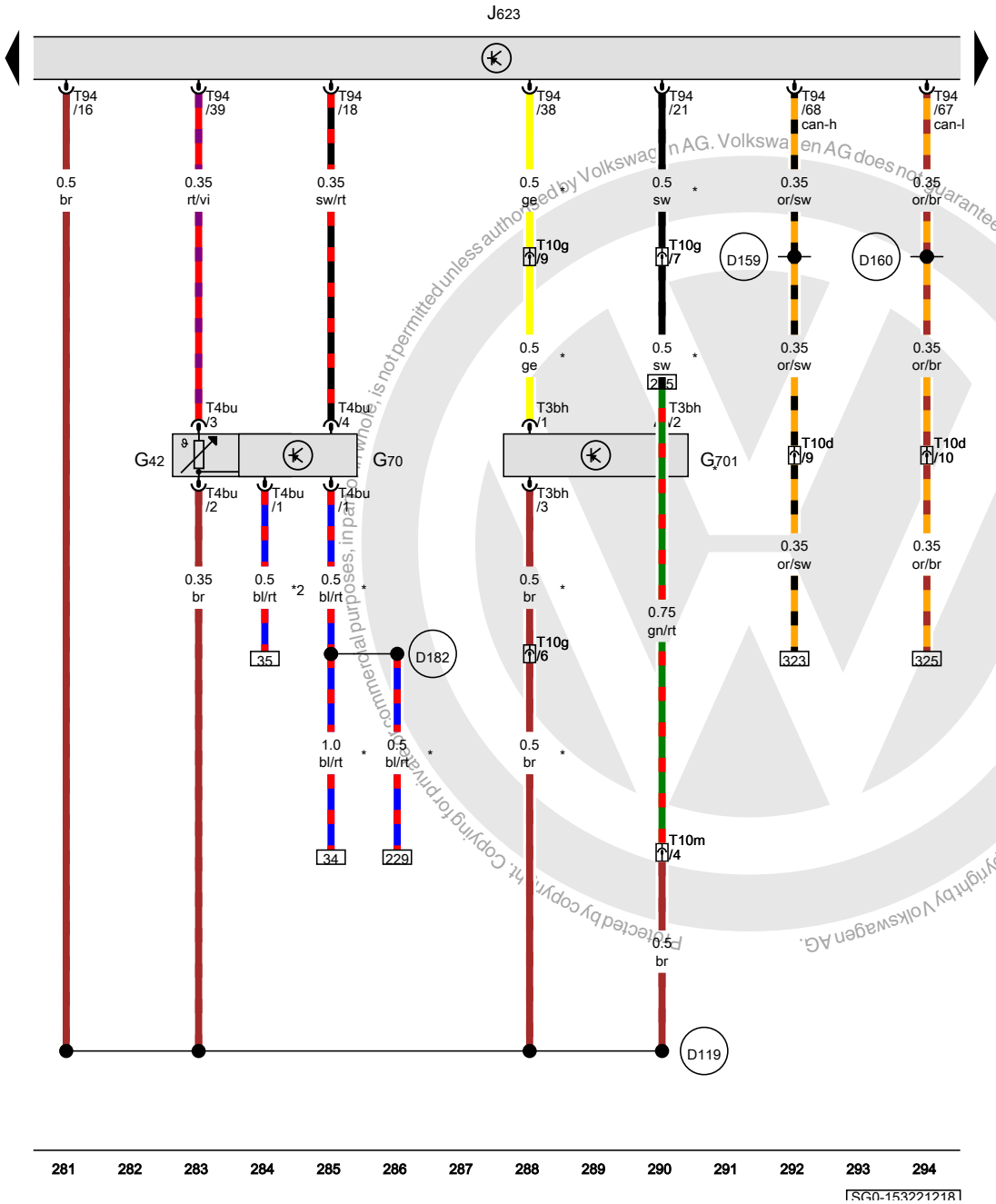


Intake manifold sender, Exhaust gas temperature sender 2, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Temperature sensor 3 for exhaust recirculation, Fuel pump relay, Engine/motor control unit

GX9	Intake manifold sender
G71	Intake manifold pressure sender
G448	Exhaust gas temperature sender 2
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
G949	Temperature sensor 3 for exhaust recirculation
J17	Fuel pump relay, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
T2cq	2-pin connector, light brown, on underbody, near cross panel
T2fl	2-pin connector, light brown, in middle of engine compartment
T2fm	2-pin connector, brown, in middle of engine compartment
T2fn	2-pin connector, black, in middle of engine compartment
T4v	4-pin connector, black
T17g	17-pin connector, black, in E-box in engine compartment
T94	94-pin connector, black
D121	Connection 19 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Intake air temperature sender, Air mass meter, Gearbox neutral position sender, Engine/motor control unit

G42	Intake air temperature sender
G70	Air mass meter
G701	Gearbox neutral position sender
J623	Engine/motor control unit, in E-box in engine compartment
T3bh	3-pin connector, black
T4bu	4-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T94	94-pin connector, black
D119	Connection 17 in engine compartment wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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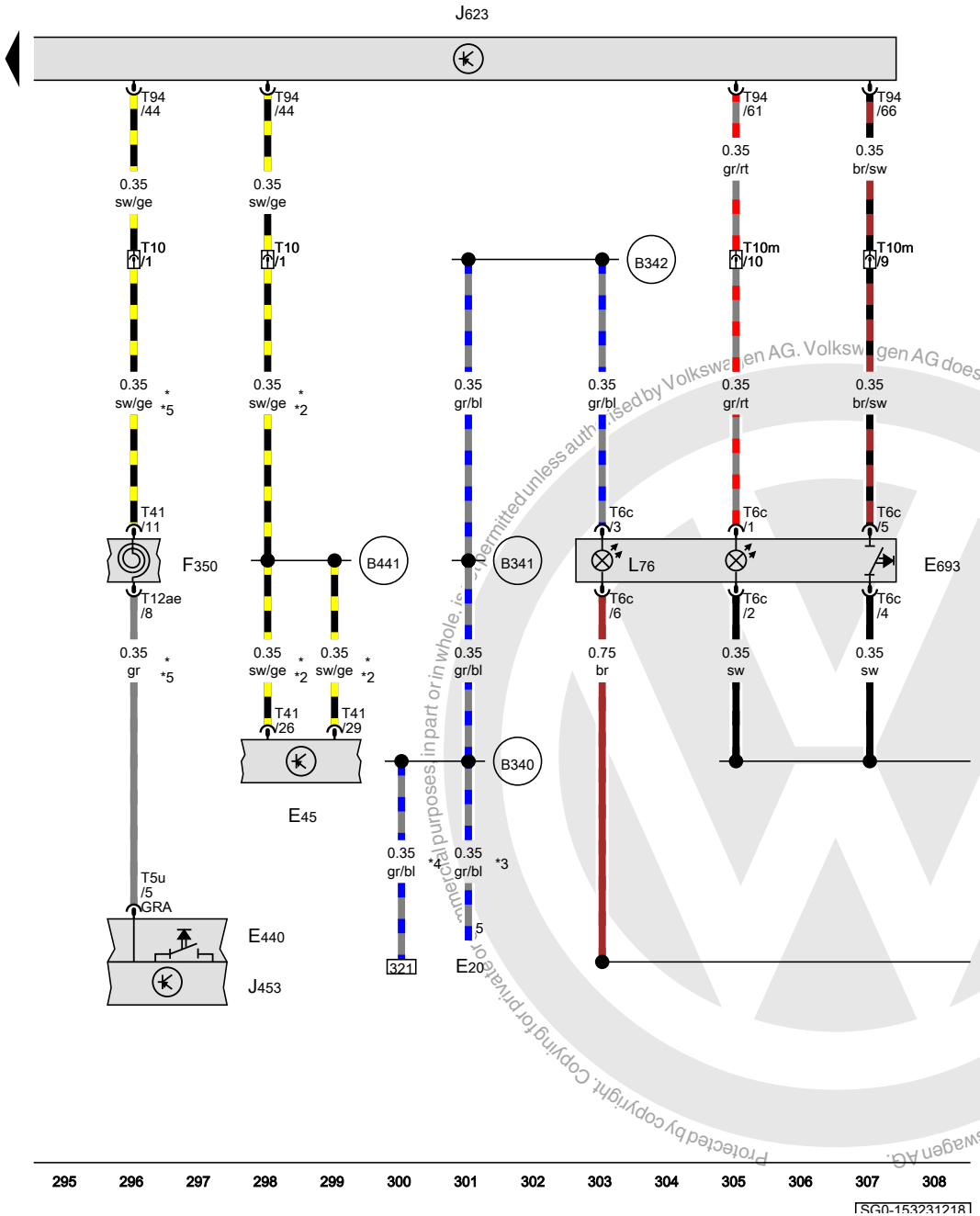

Cruise control system switch, Multifunction buttons on left in steering wheel, Start/Stop operation button, Coil connector, Engine/motor control unit

E20	Switch and instrument illumination regulator
E45	Cruise control system switch
E440	Multifunction buttons on left in steering wheel
E693	Start/Stop operation button
F350	Coil connector, in steering wheel
J453	Multifunction steering wheel control unit
J623	Engine/motor control unit, in E-box in engine compartment
L76	Button illumination bulb
T5u	5-pin connector, black
T6c	6-pin connector, white
T10	10-pin connector, black, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T12ae	12-pin connector, yellow
T41	41-pin connector, grey
T94	94-pin connector, black
382	Earth connection 17, in main wiring harness
B277	Positive connection 1 (15a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B342	Connection 3 (58d), in main wiring harness
B441	Connection (CCS), in main wiring harness
*	For models with cruise control system
*2	For models with no multifunction steering wheel
*3	For models with dimmable instrument illumination
*4	For models with no dimmable instrument illumination
*5	For models with multifunction steering wheel

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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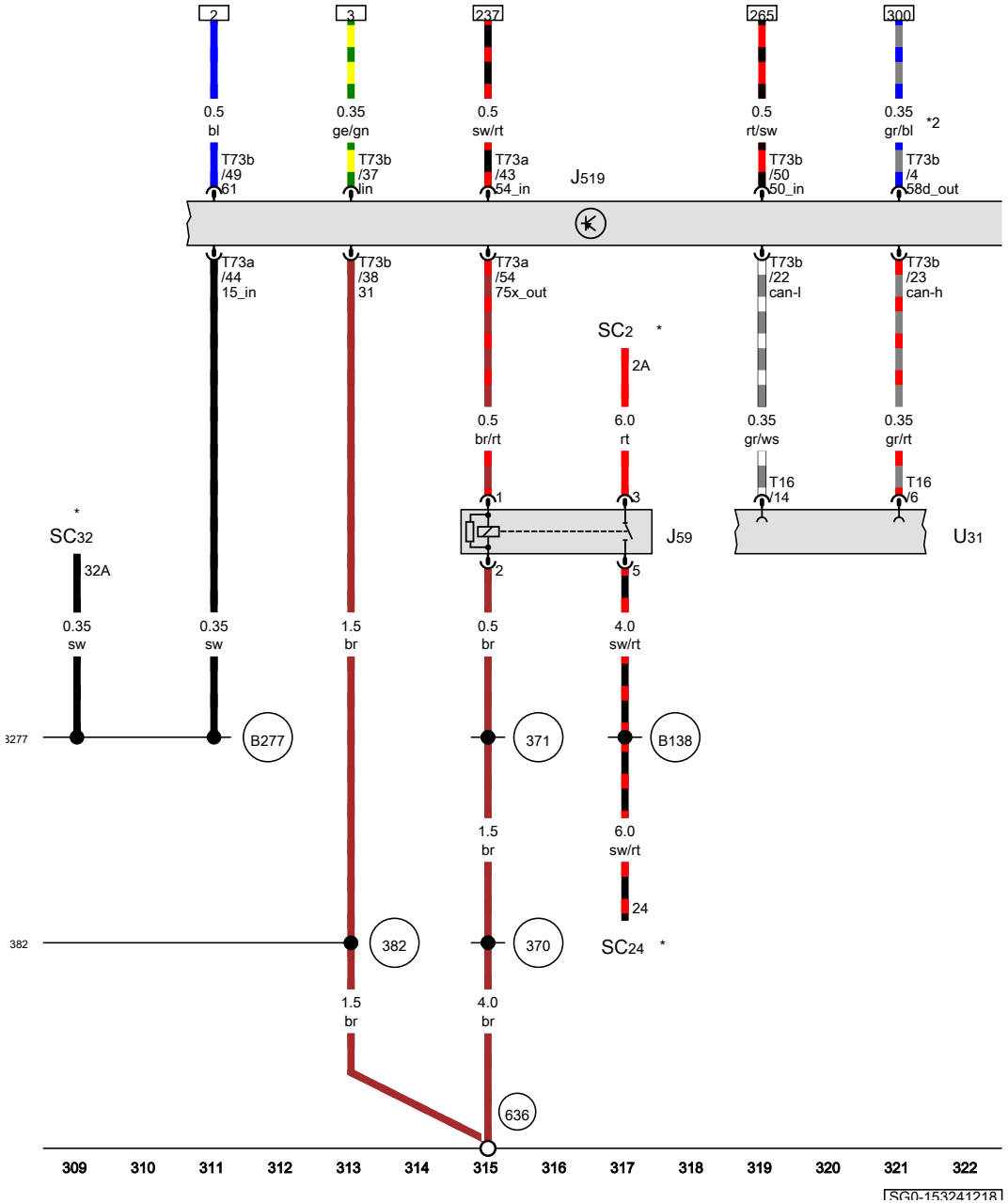

X-contact relief relay, Onboard supply control unit, Fuse 24 on fuse holder C, Fuse 32 on fuse holder C, Diagnostic connection

J59	X-contact relief relay
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
SC24	Fuse 24 on fuse holder C
SC32	Fuse 32 on fuse holder C
T16	16-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
U31	Diagnostic connection
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
382	Earth connection 17, in main wiring harness
636	Earth point, onboard supply control unit
B138	Positive connection (X), in interior wiring harness
B277	Positive connection 1 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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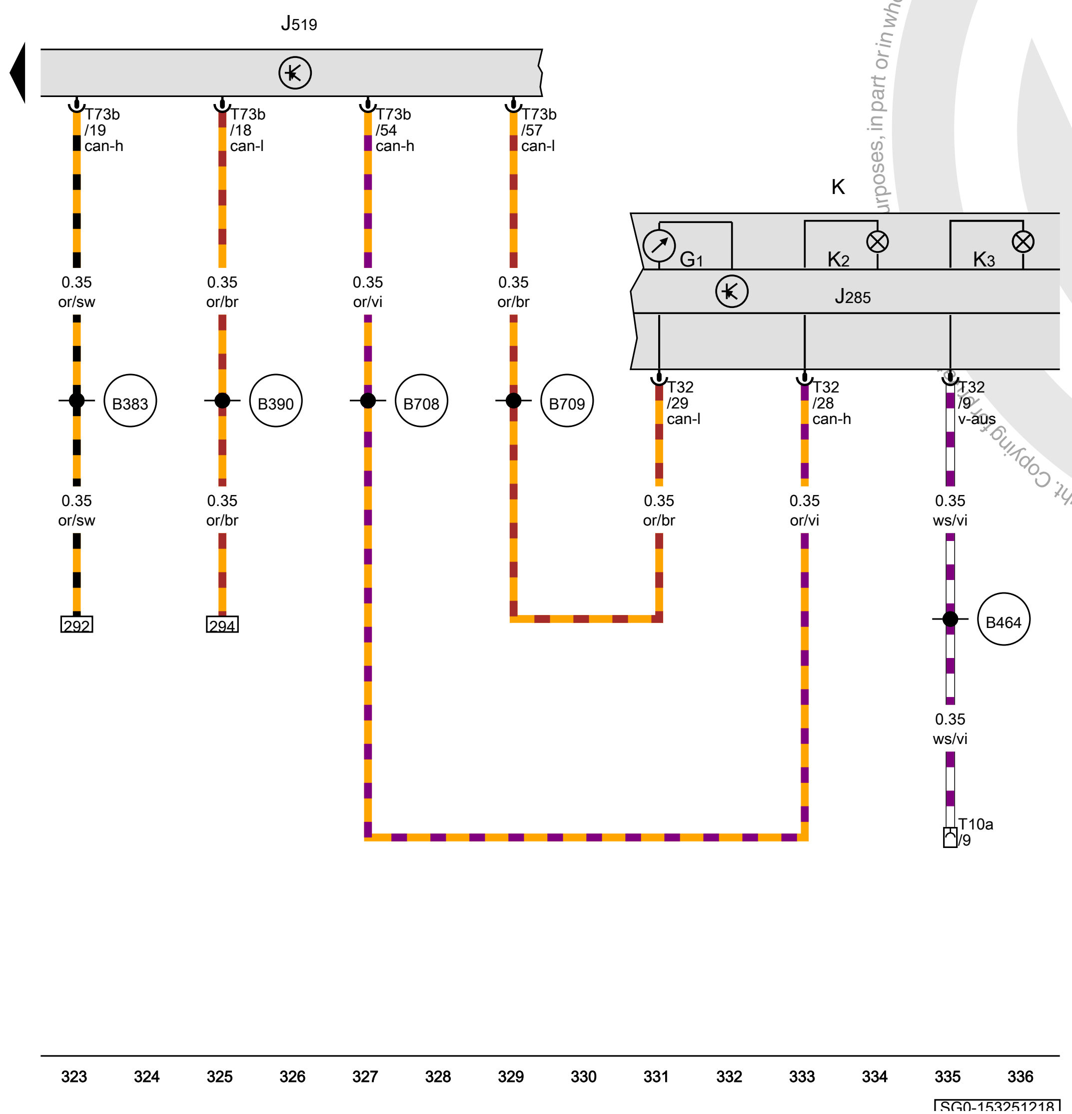
Fuel gauge, Onboard supply control unit, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp

G1	Fuel gauge
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
T10a	10-pin connector, brown, in E-box in engine compartment
T32	32-pin connector, blue
T73b	73-pin connector, white
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B464	Connection (speed signal), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness



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vi	=	purple
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or	=	orange
rs	=	pink

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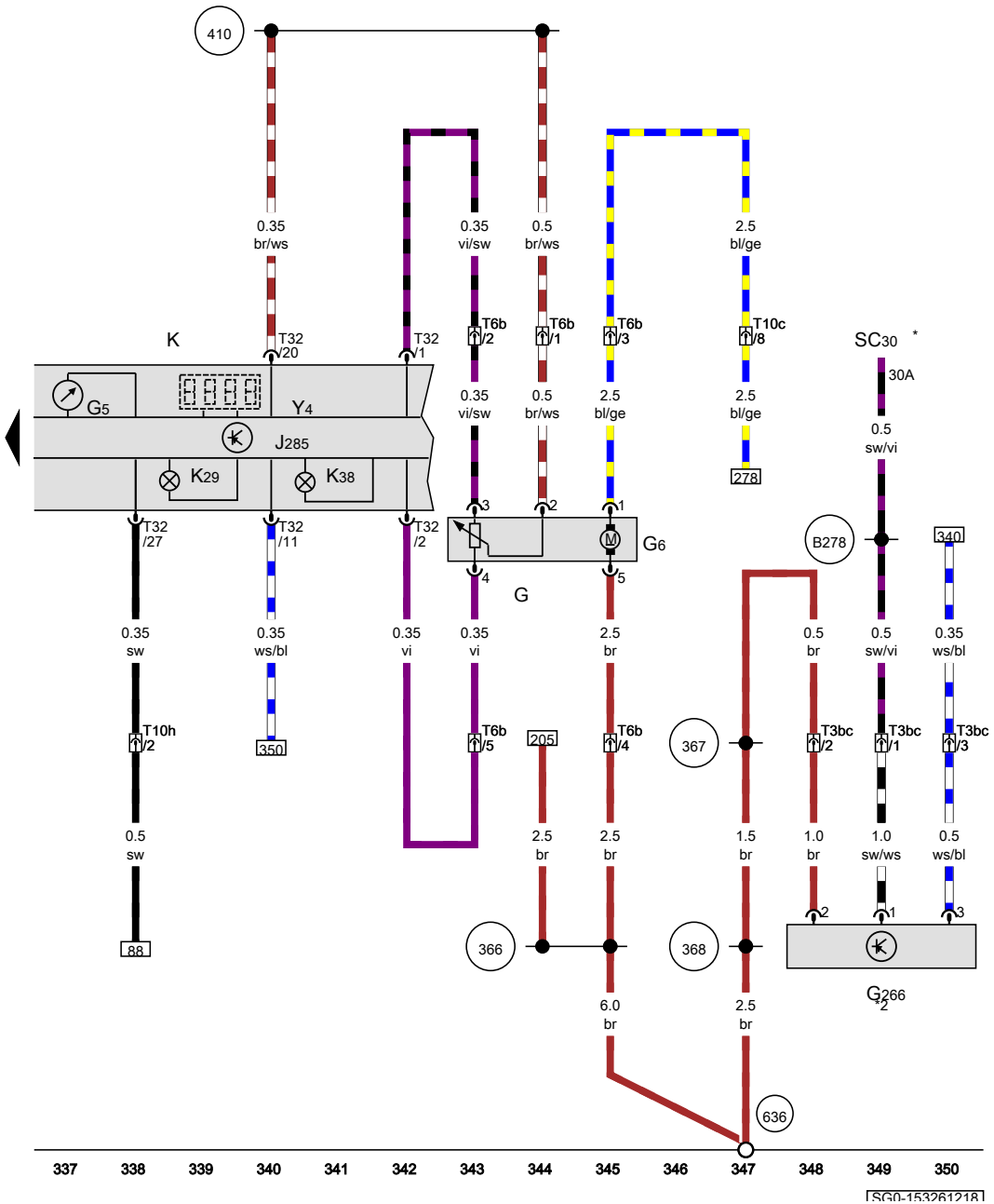

Fuel gauge sender, Rev. counter, Fuel system pressurisation pump, Oil level and oil temperature sender, Dash panel insert, Glow period warning lamp, Oil level warning lamp

G	Fuel gauge sender
G5	Rev. counter
G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K	Dash panel insert
K29	Glow period warning lamp
K38	Oil level warning lamp
SC30	Fuse 30 on fuse holder C
T3bc	3-pin connector, black, on underbody, near cross panel
T6b	6-pin connector, black, on fuel tank
T10c	10-pin connector, yellow, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T32	32-pin connector, blue
Y4	Trip counter
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
410	Earth connection 1 (sender earth) in main wiring harness
636	Earth point, onboard supply control unit
B278	Positive connection 2 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with extended service intervals (ESI)

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2.0l diesel engine with start/stop system , CXEB,CXEC,(7L6),(7MM)

From August 2018

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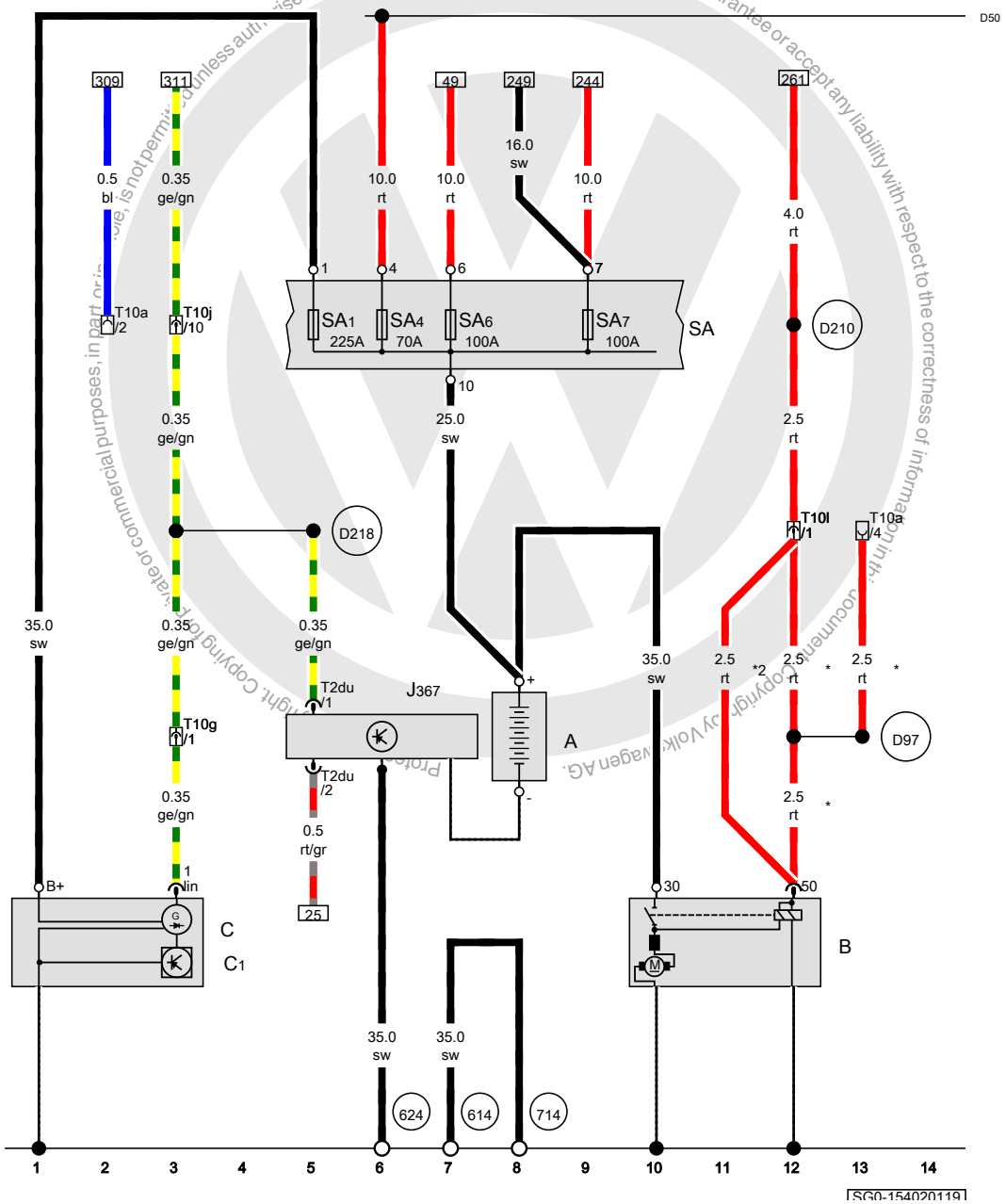

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ge	=	yellow
or	=	orange
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Battery, Starter, Alternator, Voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J367	Battery monitor control unit
SA	Fuse holder A, in E-box in engine compartment
SA1	Fuse 1 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
T2du	2-pin connector, black
T10a	10-pin connector, brown, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T10j	10-pin connector, dark brown, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
614	Earth point 2, on right in engine compartment
624	Earth point, starter battery
714	Earth point on right of engine
D50	Positive connection (30), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D210	Connection (50), in engine compartment wiring harness
D218	Connection 1 (LIN bus) in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox (DSG)

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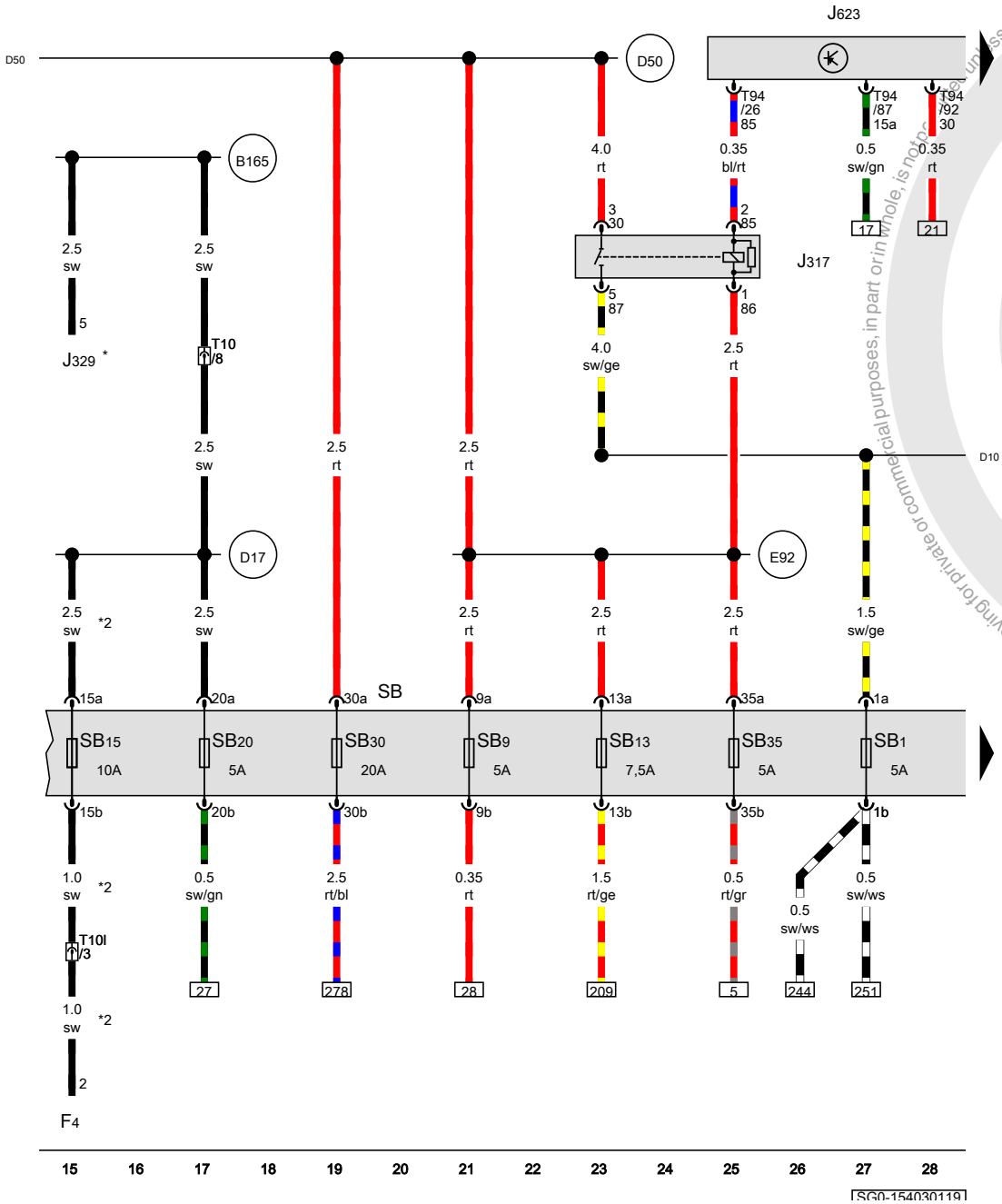
Terminal 30 voltage supply relay, Engine/motor control unit, Fuse holder B

F4	Reversing light switch
J317	Terminal 30 voltage supply relay, in E-box
J329	Terminal 15 voltage supply relay
J623	Engine/motor control unit, in E-box in engine compartment
SB	Fuse holder B, in E-box in engine compartment
SB1	Fuse 1 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB30	Fuse 30 on fuse holder B
SB35	Fuse 35 on fuse holder B
T10	10-pin connector, black, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T94	94-pin connector, black
B165	Positive connection 2 (15), in interior wiring harness
D17	Positive connection 1 (15), in engine harness
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with manual gearbox



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gn	=	green
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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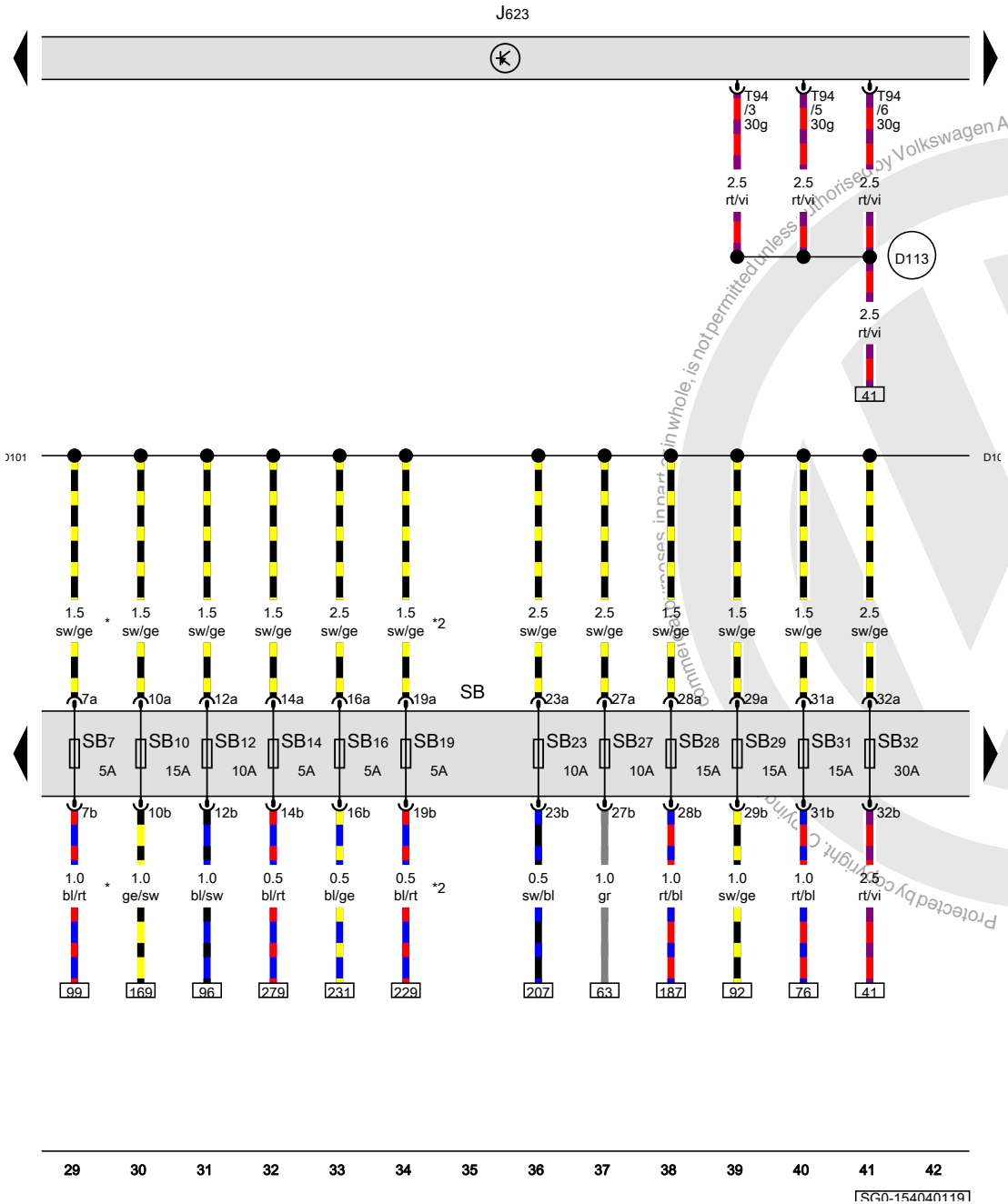

Engine/motor control unit, Fuse holder B

J623	Engine/motor control unit, in E-box in engine compartment
SB	Fuse holder B, in E-box in engine compartment
SB7	Fuse 7 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB19	Fuse 19 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB29	Fuse 29 on fuse holder B
SB31	Fuse 31 on fuse holder B
SB32	Fuse 32 on fuse holder B
T94	94-pin connector, black
D101	Connection 1 in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness
*	For models with crankcase breather heater element
*2	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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ge	=	yellow
or	=	orange
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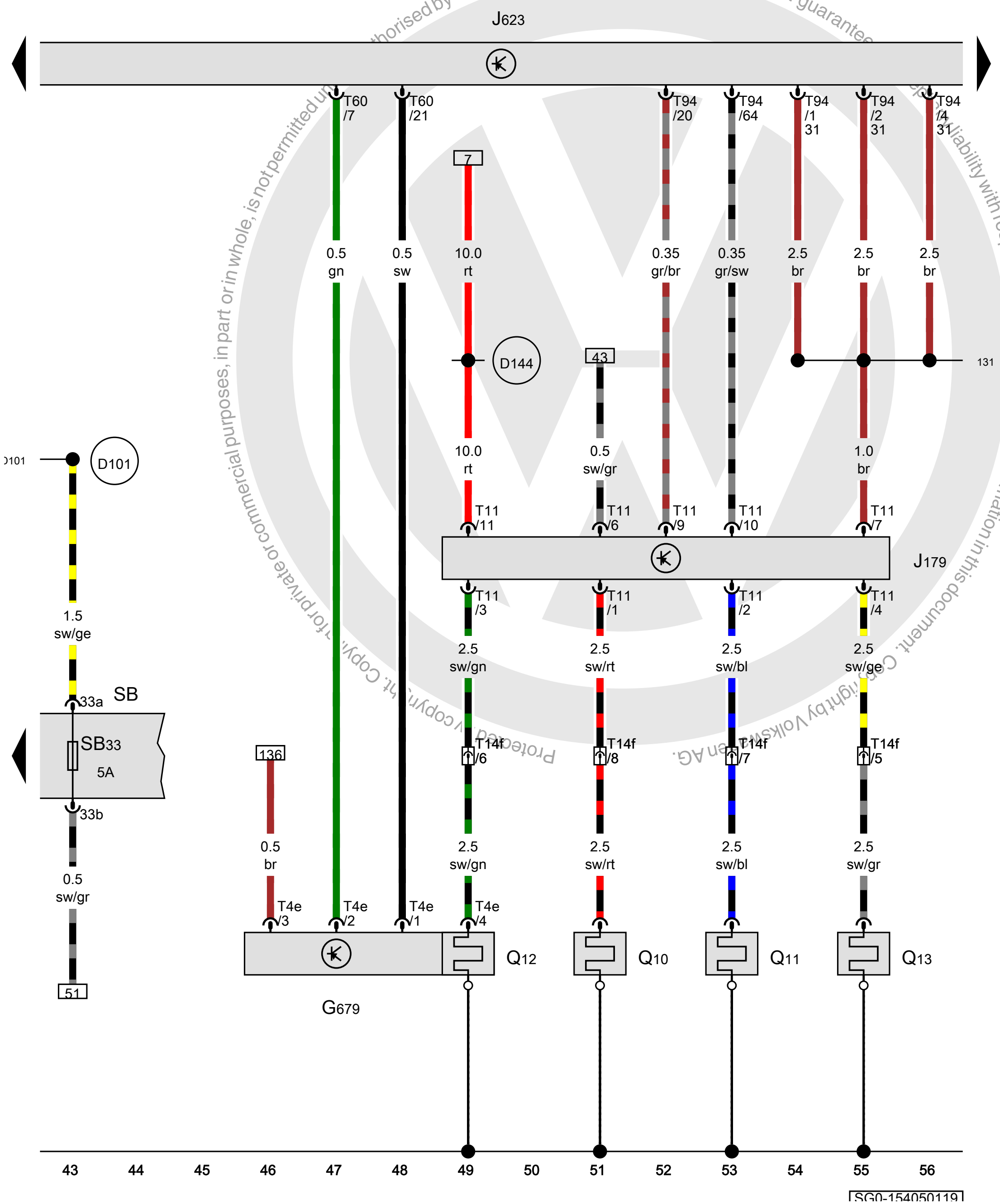
Automatic glow period control unit, Engine/motor control unit, Fuse holder B

G679	Cylinder 3 combustion chamber pressure sender
J179	Automatic glow period control unit, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
SB	Fuse holder B, in E-box in engine compartment
SB33	Fuse 33 on fuse holder B
T4e	4-pin connector, black
T11	11-pin connector, black
T14f	14-pin connector, grey, in E-box in engine compartment, next to relay plate
T60	60-pin connector, black
T94	94-pin connector, black
131	Earth connection 2, in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D144	Positive connection 5 (30), in engine compartment wiring harness



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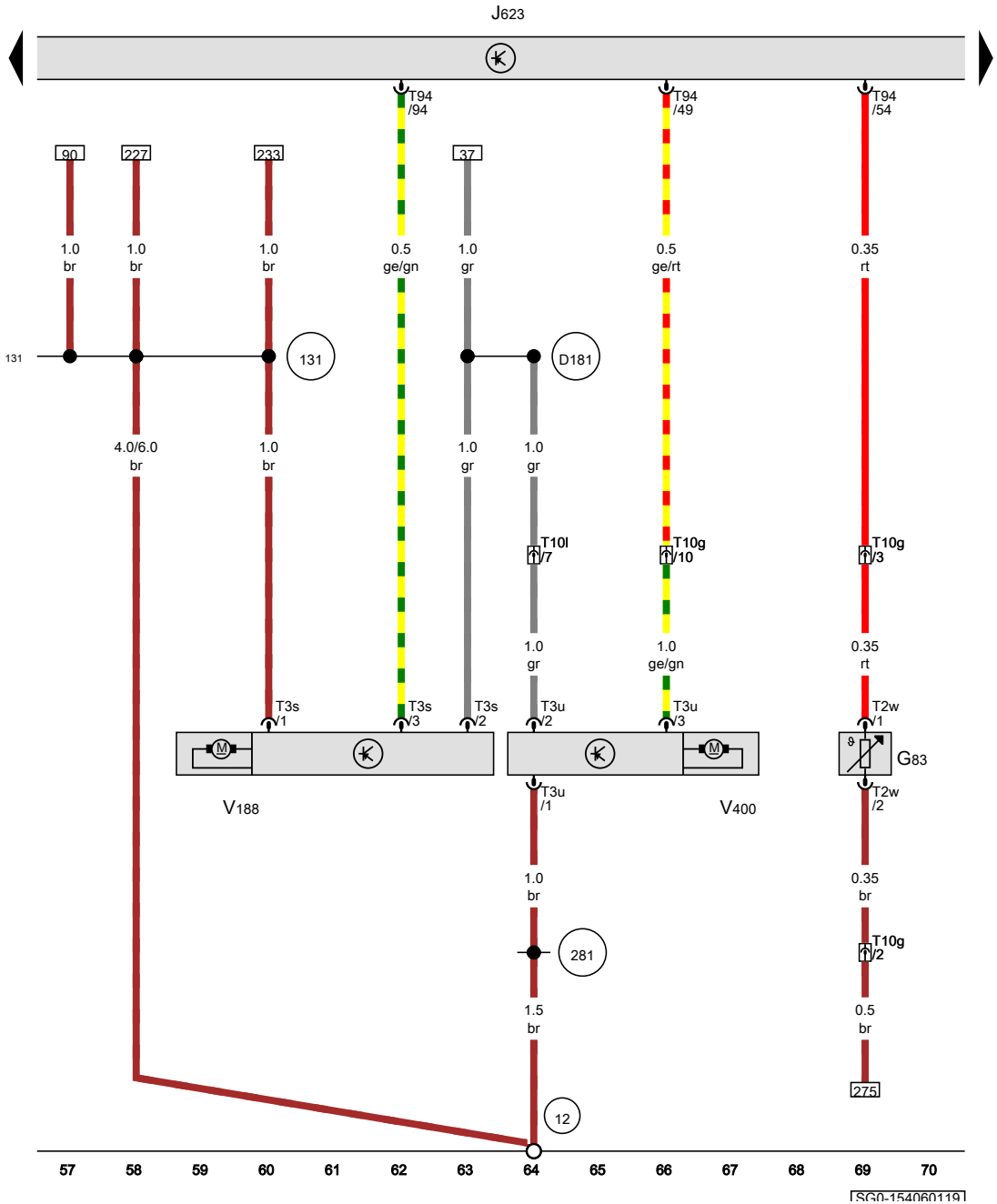

Radiator outlet coolant temperature sender, Engine/motor control unit, Charge air cooling pump, Pump for exhaust gas recirculation cooler

G83	Radiator outlet coolant temperature sender
J623	Engine/motor control unit, in E-box in engine compartment
T2w	2-pin connector, black
T3s	3-pin connector, black
T3u	3-pin connector, black
T10g	10-pin connector, grey, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T94	94-pin connector, black
V188	Charge air cooling pump
V400	Pump for exhaust gas recirculation cooler
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
D181	Connection 2 (87a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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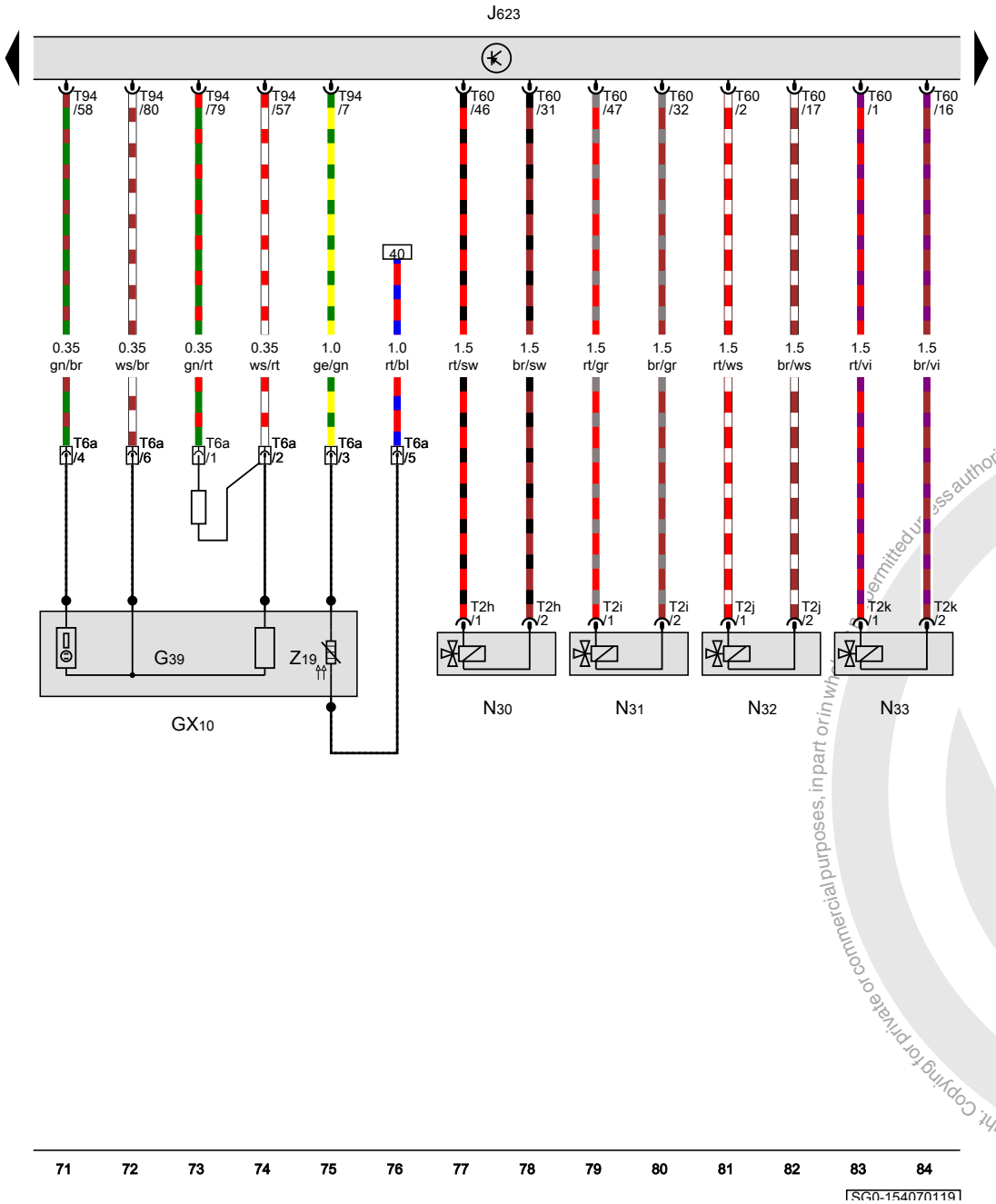
Lambda probe 1 before catalytic converter, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4



GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
J623	Engine/motor control unit, in E-box in engine compartment
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2h	2-pin connector, black
T2i	2-pin connector, black
T2j	2-pin connector, black
T2k	2-pin connector, black
T6a	6-pin connector, black, in middle of engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
Z19	Lambda probe heater

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
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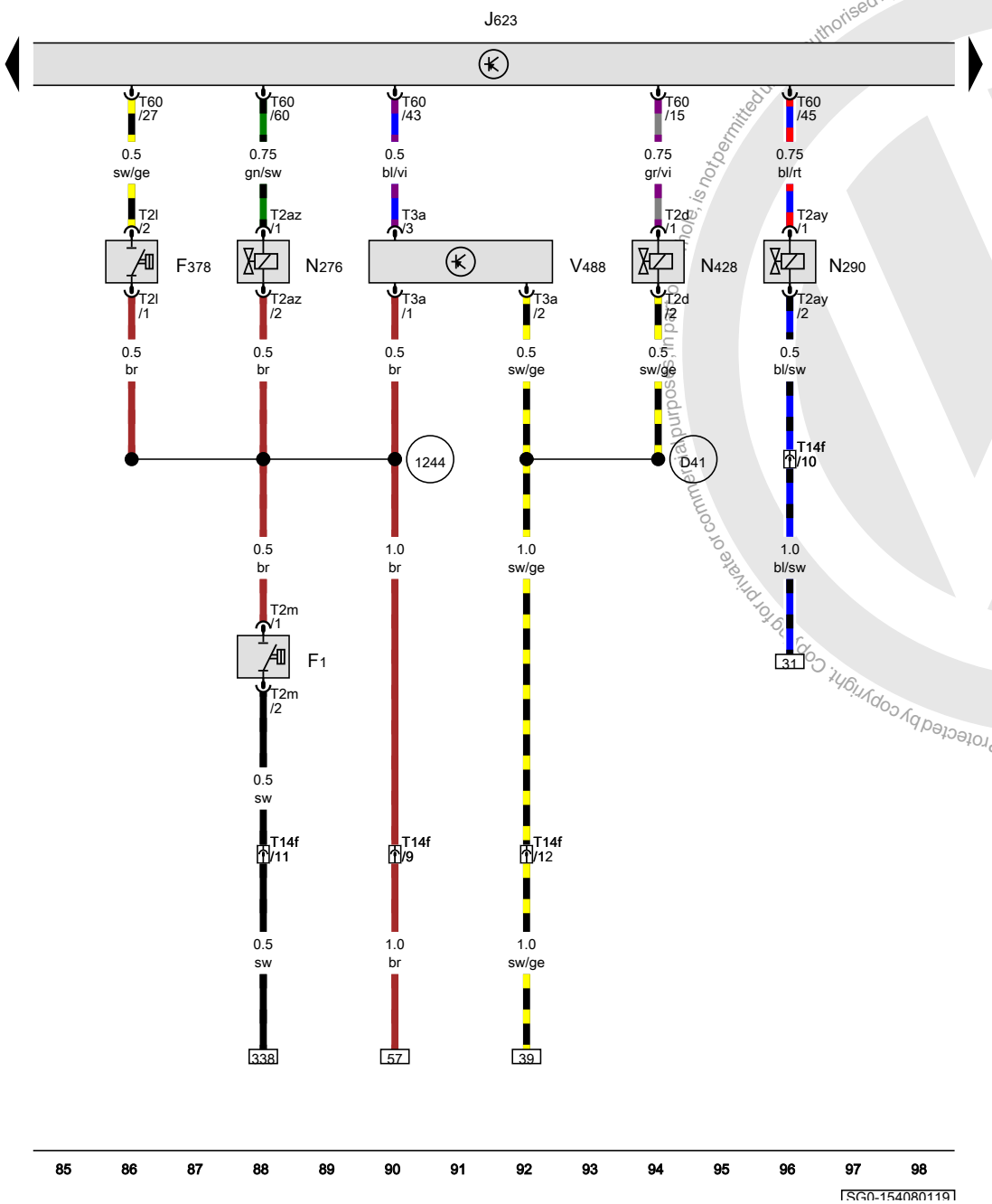

Oil pressure switch, Oil pressure switch for reduced oil pressure, Engine/motor control unit, Fuel pressure regulating valve, Fuel metering valve, Valve for oil pressure control, Auxiliary pump for heating

F1	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
J623	Engine/motor control unit, in E-box in engine compartment
N276	Fuel pressure regulating valve
N290	Fuel metering valve
N428	Valve for oil pressure control
T2ay	2-pin connector, black
T2az	2-pin connector, black
T2d	2-pin connector, black
T2l	2-pin connector, black
T2m	2-pin connector, red
T3a	3-pin connector, black
T14f	14-pin connector, grey, in E-box in engine compartment, next to relay plate
T60	60-pin connector, black
V488	Auxiliary pump for heating
1244	Earth point 7, engine prewiring harness
D41	Connection 3, in engine prewiring harness

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rt	=	red
br	=	brown
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ge	=	yellow
or	=	orange
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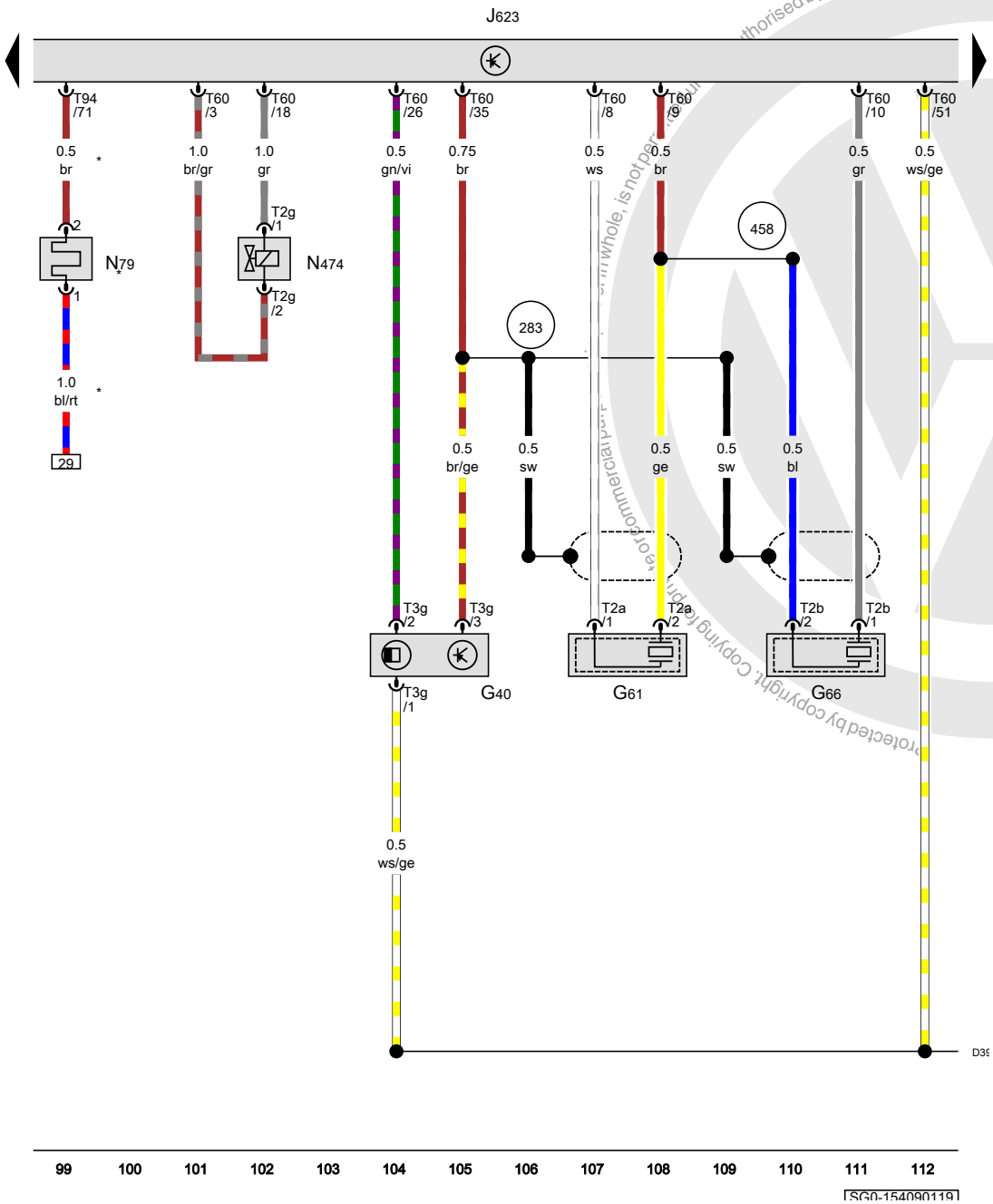

Hall sender, Knock sensor 1, Knock sensor 2, Engine/motor control unit, Heater element for crankcase breather, Injector for reducing agent

G40	Hall sender
G61	Knock sensor 1
G66	Knock sensor 2
J623	Engine/motor control unit, in E-box in engine compartment
N79	Heater element for crankcase breather
N474	Injector for reducing agent
T2a	2-pin connector, black
T2b	2-pin connector, black
T2g	2-pin connector, black
T3g	3-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
283	Earth point 2, engine prewiring harness
458	Earth point 3, engine prewiring harness
D39	Connection 1, in engine prewiring harness
*	For models with crankcase breather heater element

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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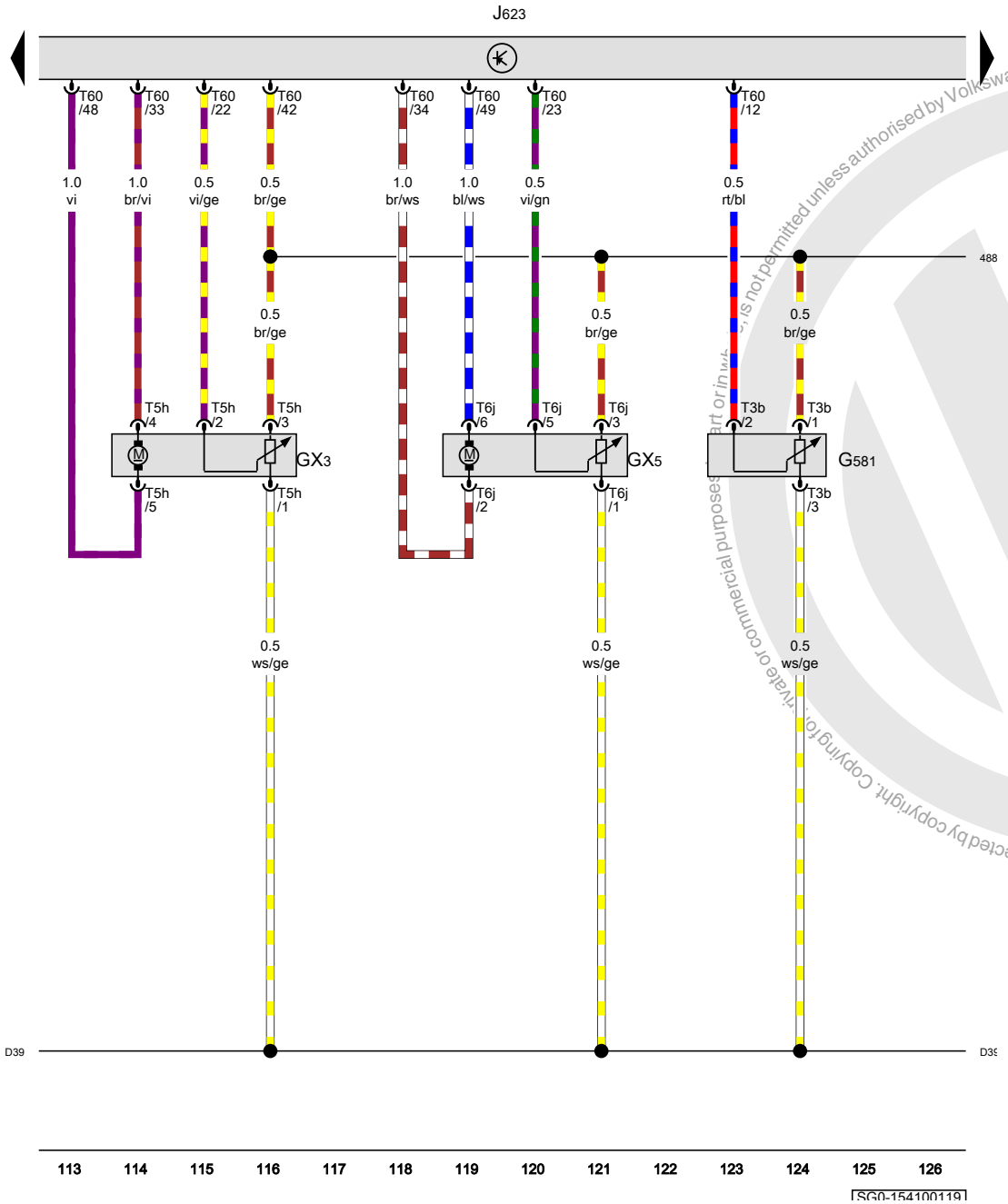
Throttle valve module, Exhaust gas recirculation valve 1, Position sender for charge pressure positioner, Engine/ motor control unit



GX3	Throttle valve module
GX5	Exhaust gas recirculation valve 1
G581	Position sender for charge pressure positioner
J623	Engine/motor control unit, in E-box in engine compartment
T3b	3-pin connector, brown
T5h	5-pin connector, black
T6j	6-pin connector, grey
T60	60-pin connector, black
488	Earth point 6, engine prewiring harness
D39	Connection 1, in engine prewiring harness

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
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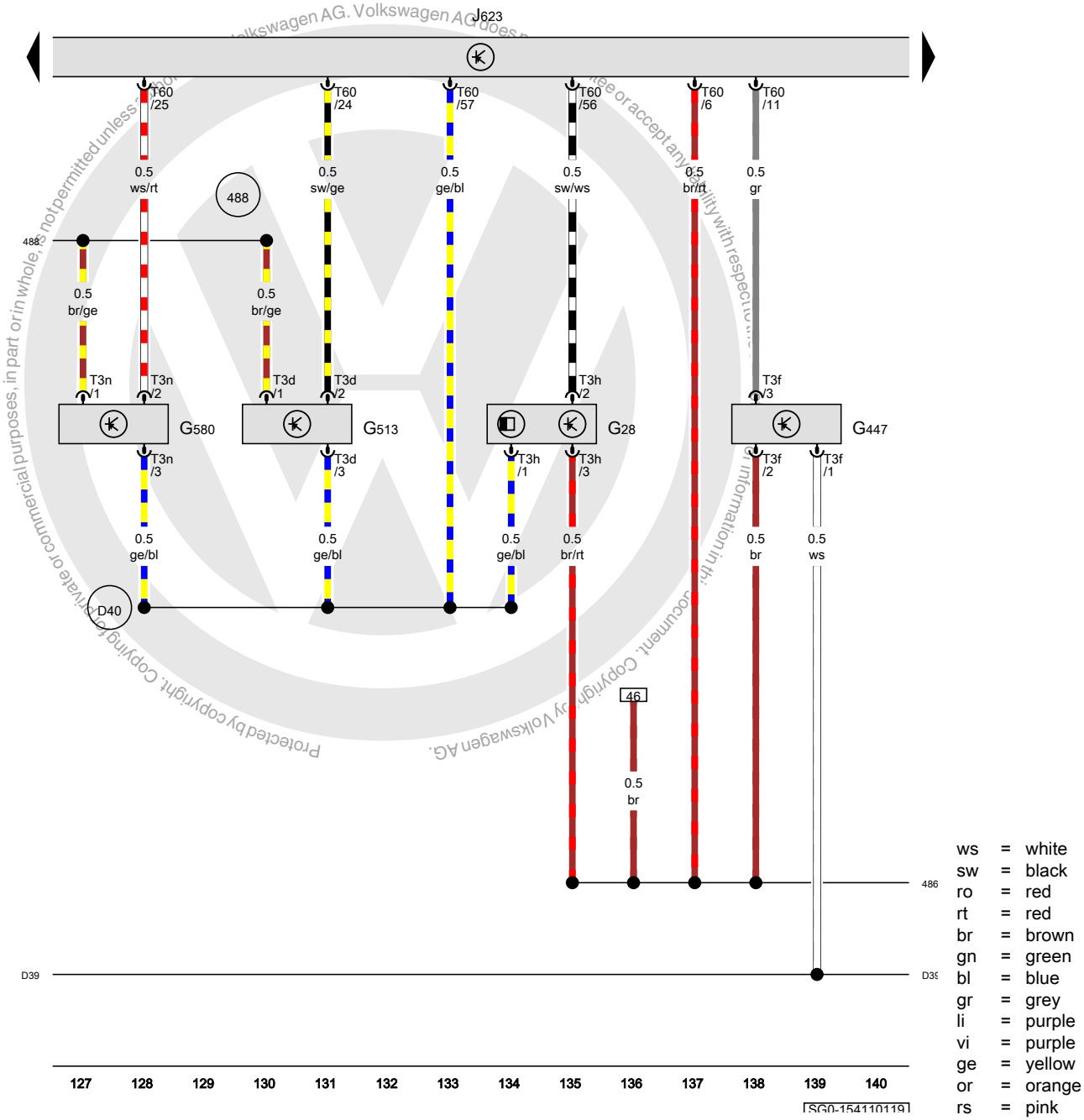

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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
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li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Engine speed sender, Charge pressure sender 2, Variable intake manifold position sender, Position sender 2 for charge pressure positioner, Engine/motor control unit

G28	Engine speed sender
G447	Charge pressure sender 2
G513	Variable intake manifold position sender
G580	Position sender 2 for charge pressure positioner
J623	Engine/motor control unit, in E-box in engine compartment
T3d	3-pin connector, brown
T3f	3-pin connector, black
T3h	3-pin connector, black
T3n	3-pin connector, brown
T60	60-pin connector, black
486	Earth point 4, engine prewiring harness
488	Earth point 6, engine prewiring harness
D39	Connection 1, in engine prewiring harness
D40	Connection 2, in engine prewiring harness

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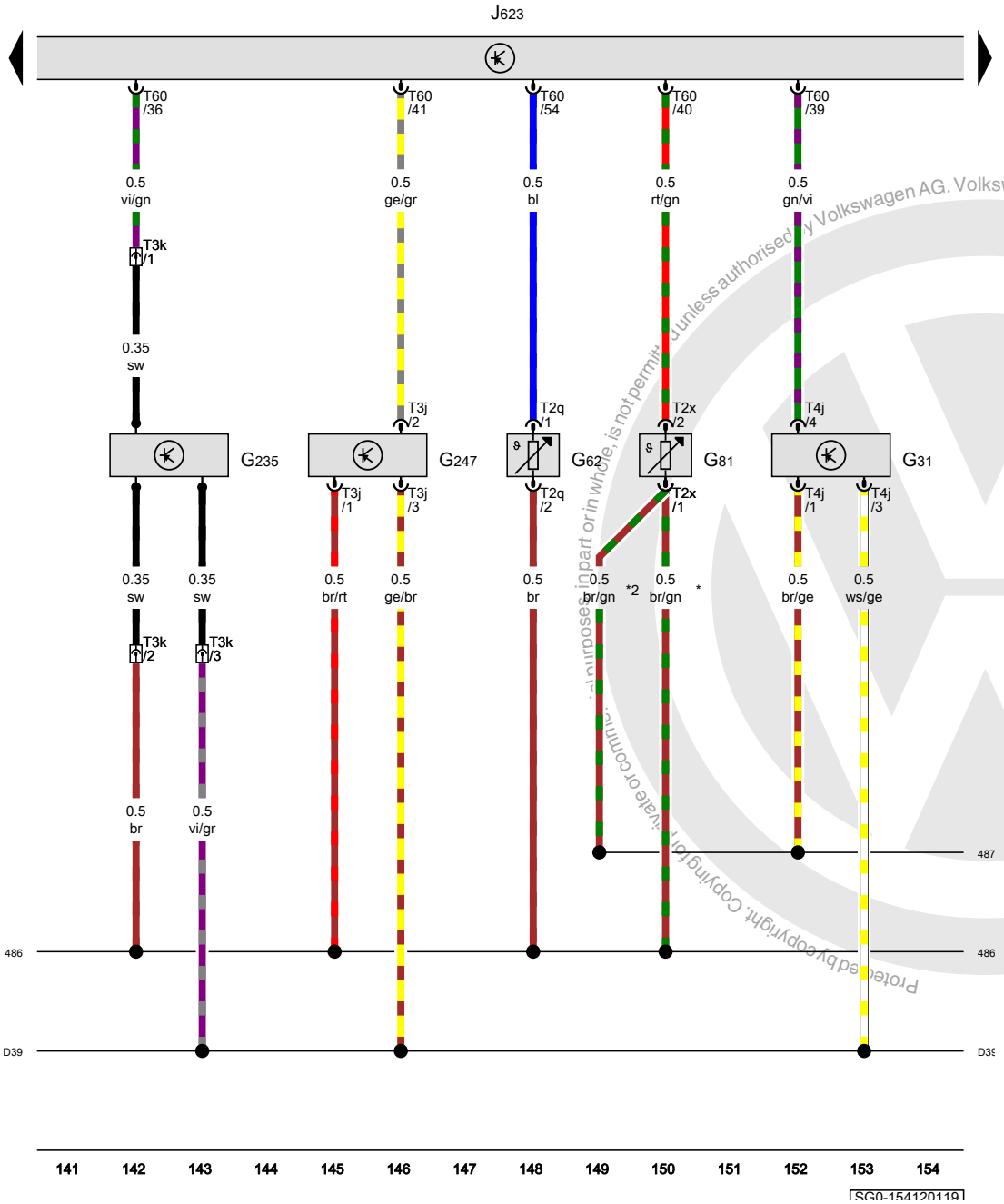
Charge pressure sender, Coolant temperature sender, Fuel temperature sender, Exhaust gas temperature sender 1, Fuel pressure sender, Engine/motor control unit



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or	=	orange
rs	=	pink

G31	Charge pressure sender
G62	Coolant temperature sender
G81	Fuel temperature sender
G235	Exhaust gas temperature sender 1
G247	Fuel pressure sender
J623	Engine/motor control unit, in E-box in engine compartment
T2q	2-pin connector, black
T2x	2-pin connector, black
T3j	3-pin connector, black
T3k	3-pin connector, brown
T4j	4-pin connector, black
T60	60-pin connector, black
486	Earth point 4, engine prewiring harness
487	Earth point 5, engine prewiring harness
D39	Connection 1, in engine prewiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox

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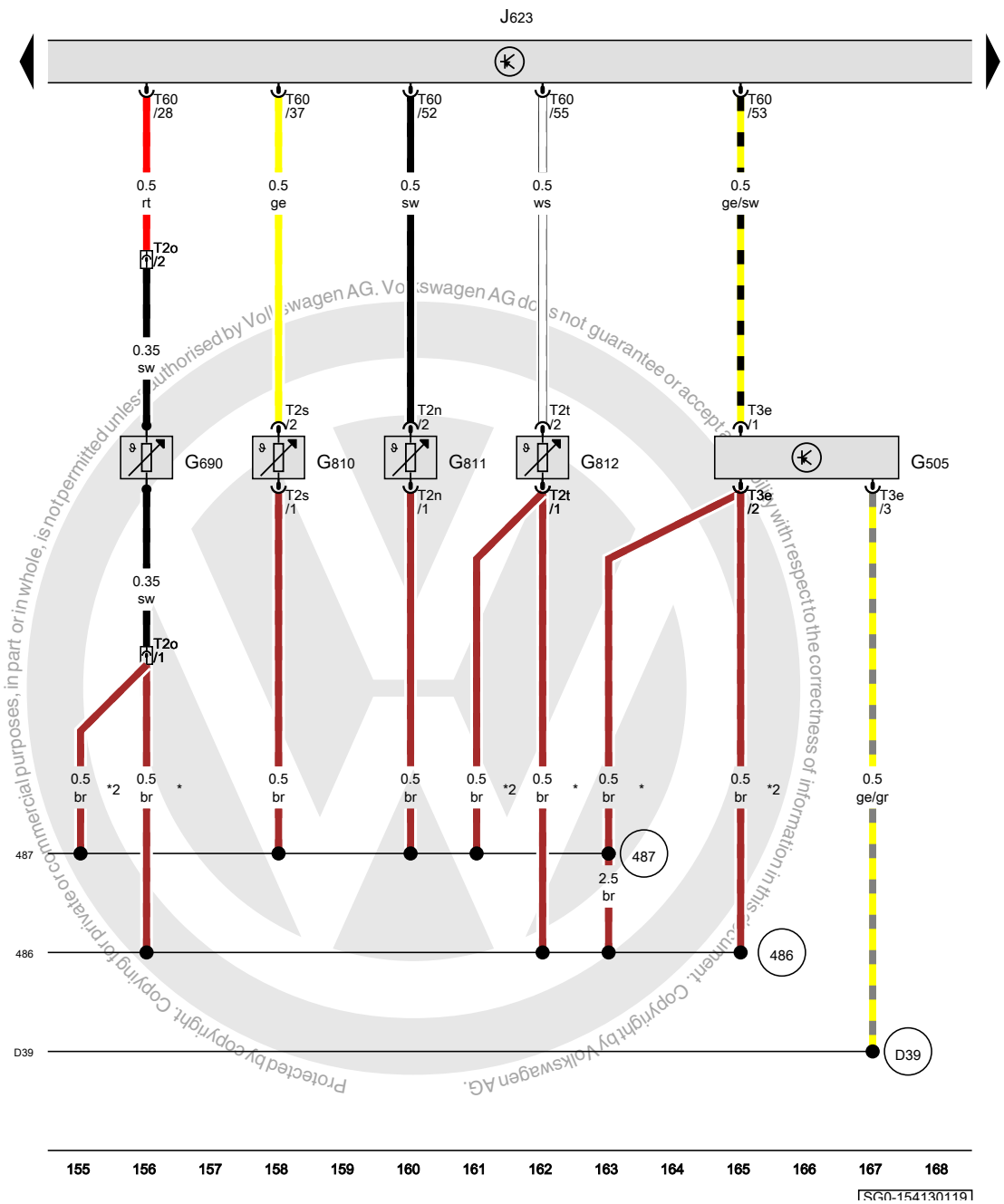

Pressure differential sender, Temperature sensor 2 for exhaust recirculation, Charge air temperature sender before charge air cooler, Charge air temperature sender after charge air cooler, Coolant temperature sender 3, Engine/ motor control unit

G505	Pressure differential sender
G690	Temperature sensor 2 for exhaust recirculation
G810	Charge air temperature sender before charge air cooler
G811	Charge air temperature sender after charge air cooler
G812	Coolant temperature sender 3
J623	Engine/motor control unit, in E-box in engine compartment
T2n	2-pin connector, black
T2o	2-pin connector, brown, in middle of engine compartment
T2s	2-pin connector, black
T2t	2-pin connector, black
T3e	3-pin connector, black
T60	60-pin connector, black
486	Earth point 4, engine prewiring harness
487	Earth point 5, engine prewiring harness
D39	Connection 1, in engine prewiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
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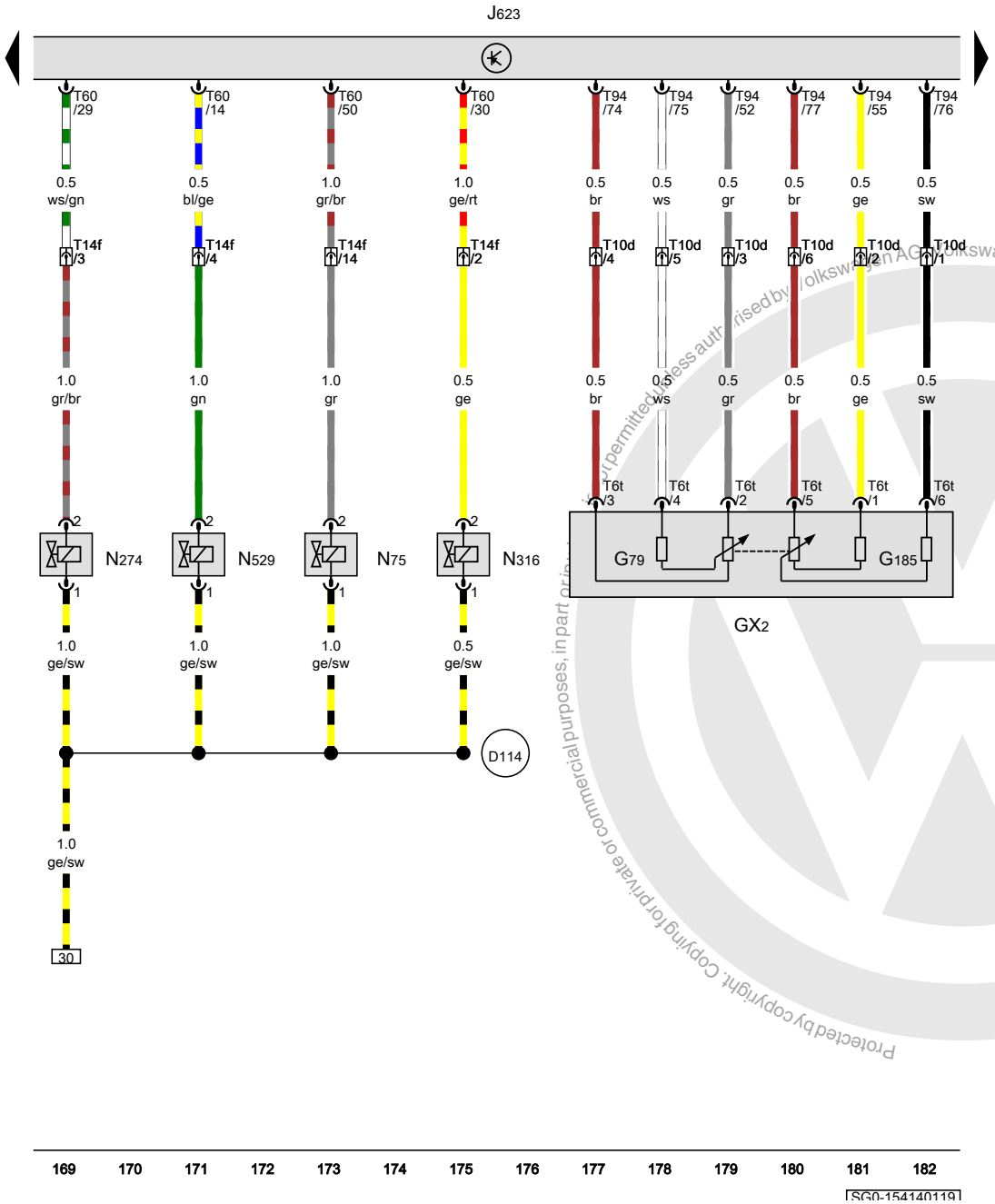

Accelerator pedal module, Accelerator position sender, Accelerator position sender 2, Engine/motor control unit, Charge pressure control solenoid valve, Charge pressure control solenoid valve 2, Intake manifold flap valve, Turbine changeover valve

GX2	Accelerator pedal module
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit, in E-box in engine compartment
N75	Charge pressure control solenoid valve
N274	Charge pressure control solenoid valve 2
N316	Intake manifold flap valve
N529	Turbine changeover valve
T6t	6-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T14f	14-pin connector, grey, in E-box in engine compartment, next to relay plate
T60	60-pin connector, black
T94	94-pin connector, black
D114	Connection 12 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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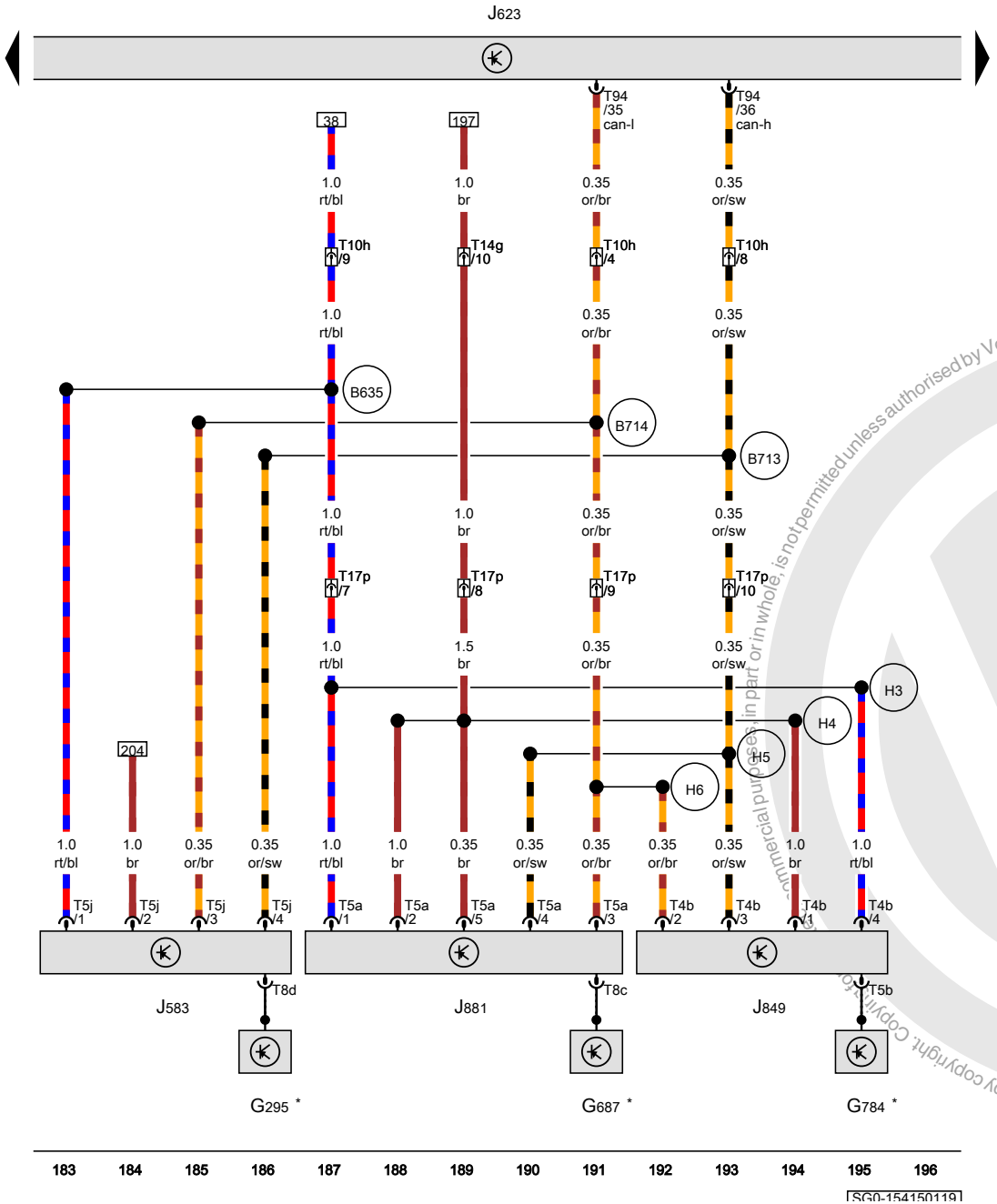

NOx sender, NOx sender 2, Particulate sensor, Control unit for NOx sender, Engine/motor control unit, Control unit for sensor electronics, Control unit for NOx sender 2

G295	NOx sender
G687	NOx sender 2
G784	Particulate sensor
J583	Control unit for NOx sender
J623	Engine/motor control unit, in E-box in engine compartment
J849	Control unit for sensor electronics
J881	Control unit for NOx sender 2
T4b	4-pin connector, black
T5a	5-pin connector, black
T5b	5-pin connector, black
T5j	5-pin connector, black
T8c	8-pin connector, black
T8d	8-pin connector, black
T10h	10-pin connector, orange, in E-box in engine compartment
T14g	14-pin connector, black, near container for additive
T17p	17-pin connector, red, under seat on front left
T94	94-pin connector, black
B635	Positive connection 3 (87), in main wiring harness
B713	Connection 1 (CAN bus diagnosis, high), in main wiring harness
B714	Connection 1 (CAN bus diagnosis, low), in main wiring harness
H3	Connection 1 in wiring harness for reducing agent tank
H4	Connection 2 in wiring harness for reducing agent tank
H5	Connection 3 in wiring harness for reducing agent tank
H6	Connection 4 in wiring harness for reducing agent tank
*	Pre-wired component

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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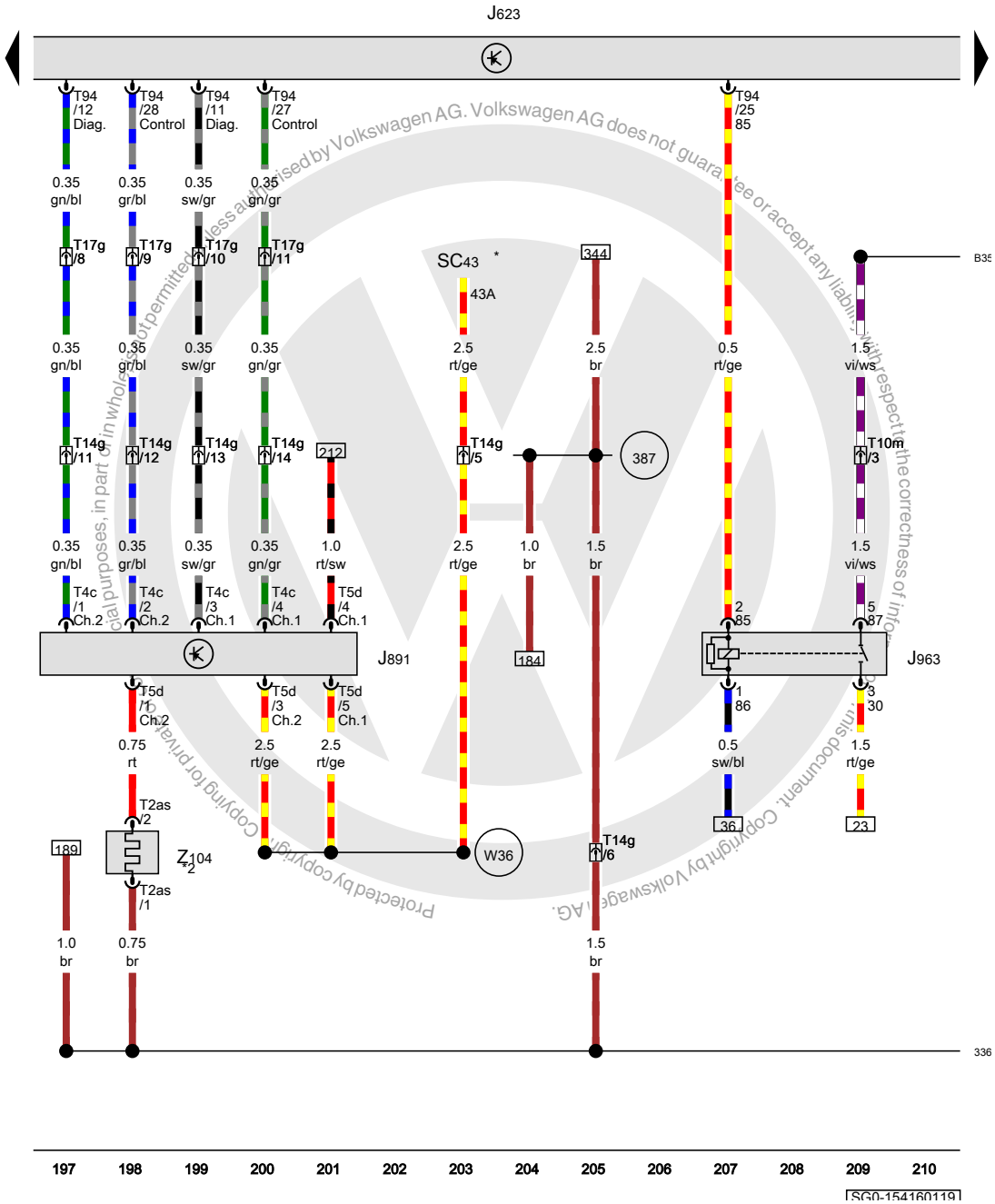

Engine/motor control unit, Control unit for reducing agent heater, Relay for reducing agent metering system, Fuse 43 on fuse holder C, Heater for reducing agent line (heater circuit 2)

J623	Engine/motor control unit, in E-box in engine compartment
J891	Control unit for reducing agent heater
J963	Relay for reducing agent metering system
SC43	Fuse 43 on fuse holder C
T2as	2-pin connector, black
T4c	4-pin connector, black
T5d	5-pin connector, colourless
T10m	10-pin connector, light pink, in E-box in engine compartment
T14g	14-pin connector, black, near container for additive
T17g	17-pin connector, black, in E-box in engine compartment
T94	94-pin connector, black
Z104	Heater for reducing agent line (heater circuit 2)
336	Earth connection 1, in floor wiring harness
387	Earth connection 22, in main wiring harness
B350	Positive connection 1 (87a) in main wiring harness
W36	Positive connection (30a), in floor wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Pre-wired component

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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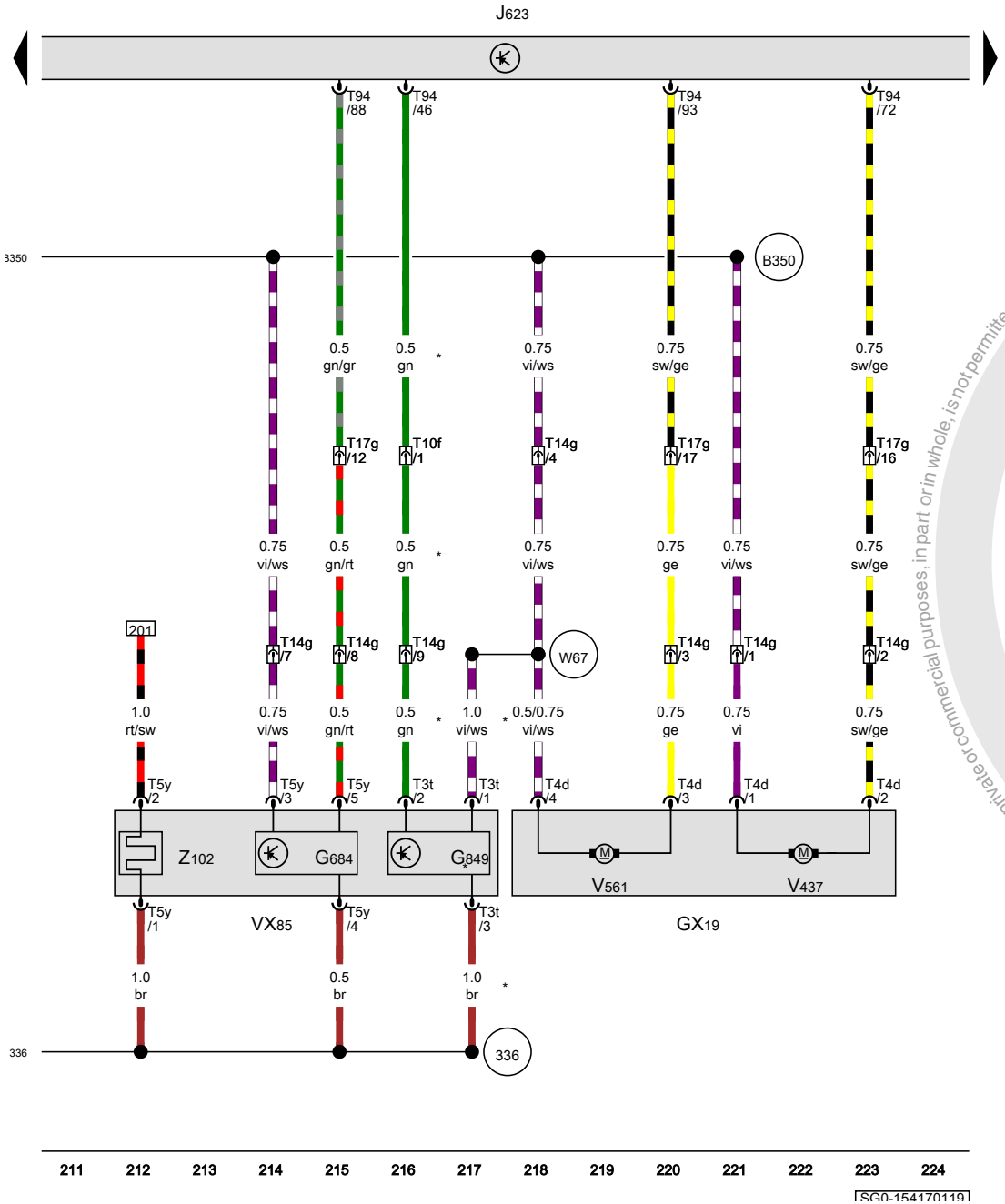

Delivery unit for reducing agent metering system, Engine/ motor control unit, Reducing agent tank

GX19	Delivery unit for reducing agent metering system, on reducing-agent tank
G684	Tank sender for reducing agent, in reducing agent tank
G849	Reducing agent quality sensor, in reducing agent tank
J623	Engine/motor control unit, in E-box in engine compartment
T3t	3-pin connector, black
T4d	4-pin connector, black
T5y	5-pin connector, black
T10f	10-pin connector, green, in E-box in engine compartment
T14g	14-pin connector, black, near container for additive
T17g	17-pin connector, black, in E-box in engine compartment
T94	94-pin connector, black
VX85	Reducing agent tank
V437	Pump for reducing agent, on reducing-agent tank
V561	Reducing agent return flow pump, on reducing-agent tank
Z102	Heater for reducing agent tank (heater circuit 1), in reducing agent tank
336	Earth connection 1, in floor wiring harness
B350	Positive connection 1 (87a) in main wiring harness
W67	Connection (87), in floor wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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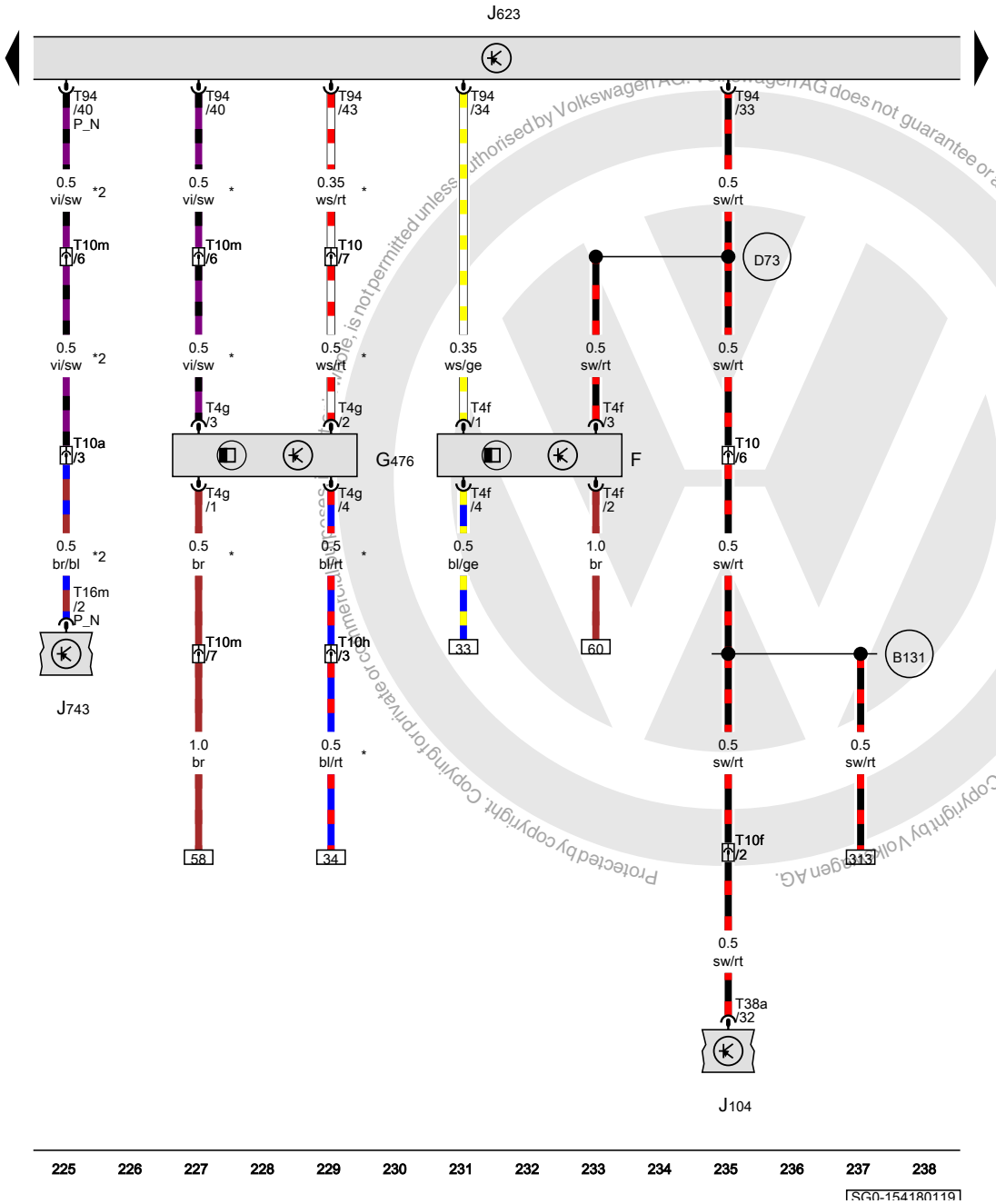
Brake light switch, Clutch position sender, Engine/motor control unit, Mechatronic unit for dual clutch gearbox



F	Brake light switch, on brake master cylinder
G476	Clutch position sender
J104	ABS control unit
J623	Engine/motor control unit, in E-box in engine compartment
J743	Mechatronic unit for dual clutch gearbox
T4f	4-pin connector, black
T4g	4-pin connector, black
T10	10-pin connector, black, in E-box in engine compartment
T10a	10-pin connector, brown, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T16m	16-pin connector, black
T38a	38-pin connector, black
T94	94-pin connector, black
B131	Connection (54), in interior wiring harness
D73	Positive connection (54), in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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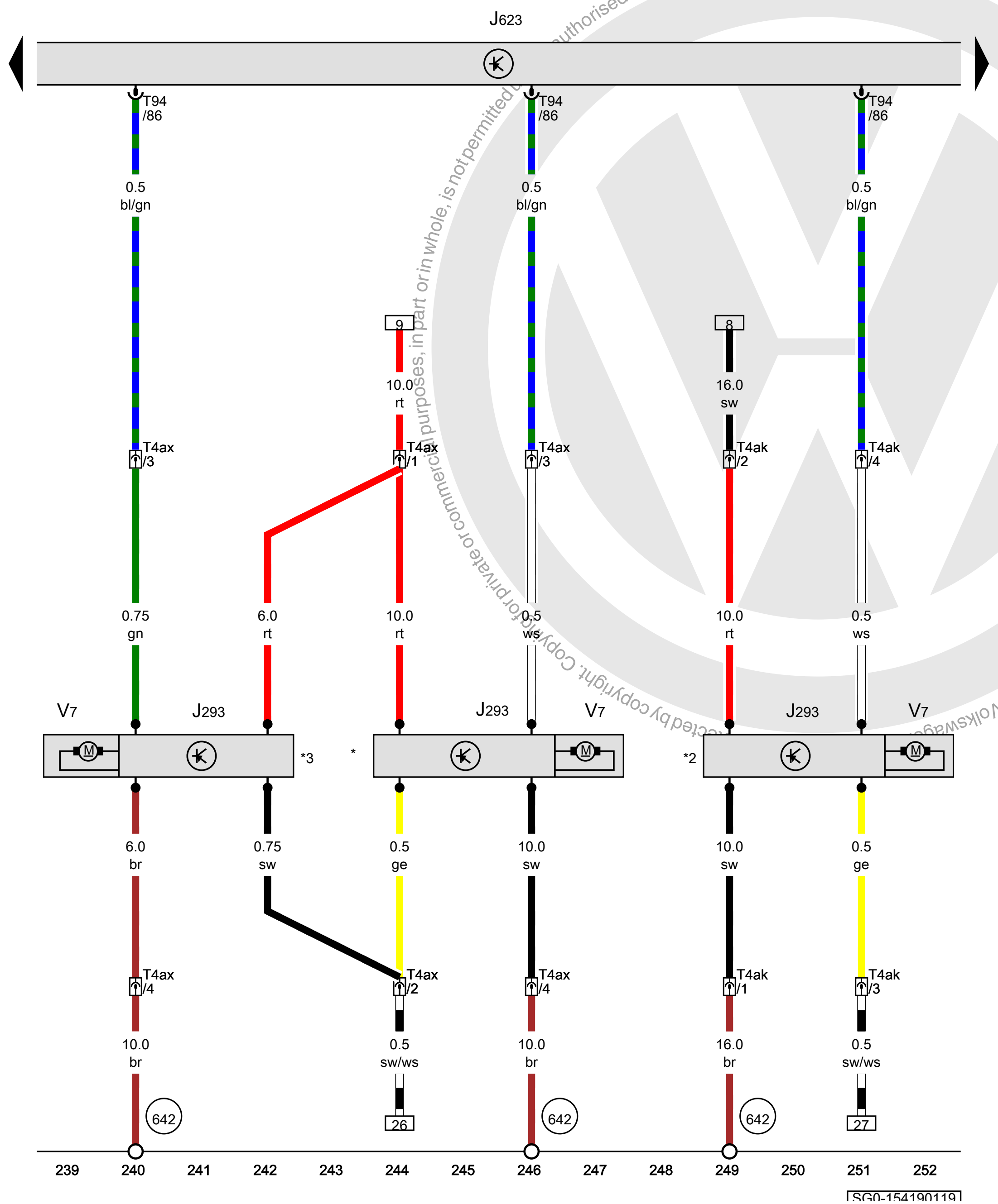
Radiator fan control unit, Engine/motor control unit

J293	Radiator fan control unit
J623	Engine/motor control unit, in E-box in engine compartment
T4ak	4-pin connector, black, near radiator fan
T4ax	4-pin connector, black, near radiator fan
T94	94-pin connector, black
V7	Radiator fan
642	Earth point for electronically controlled fan
*	For models with medium fan output
*2	For models with increased fan output
*3	For models with low fan output



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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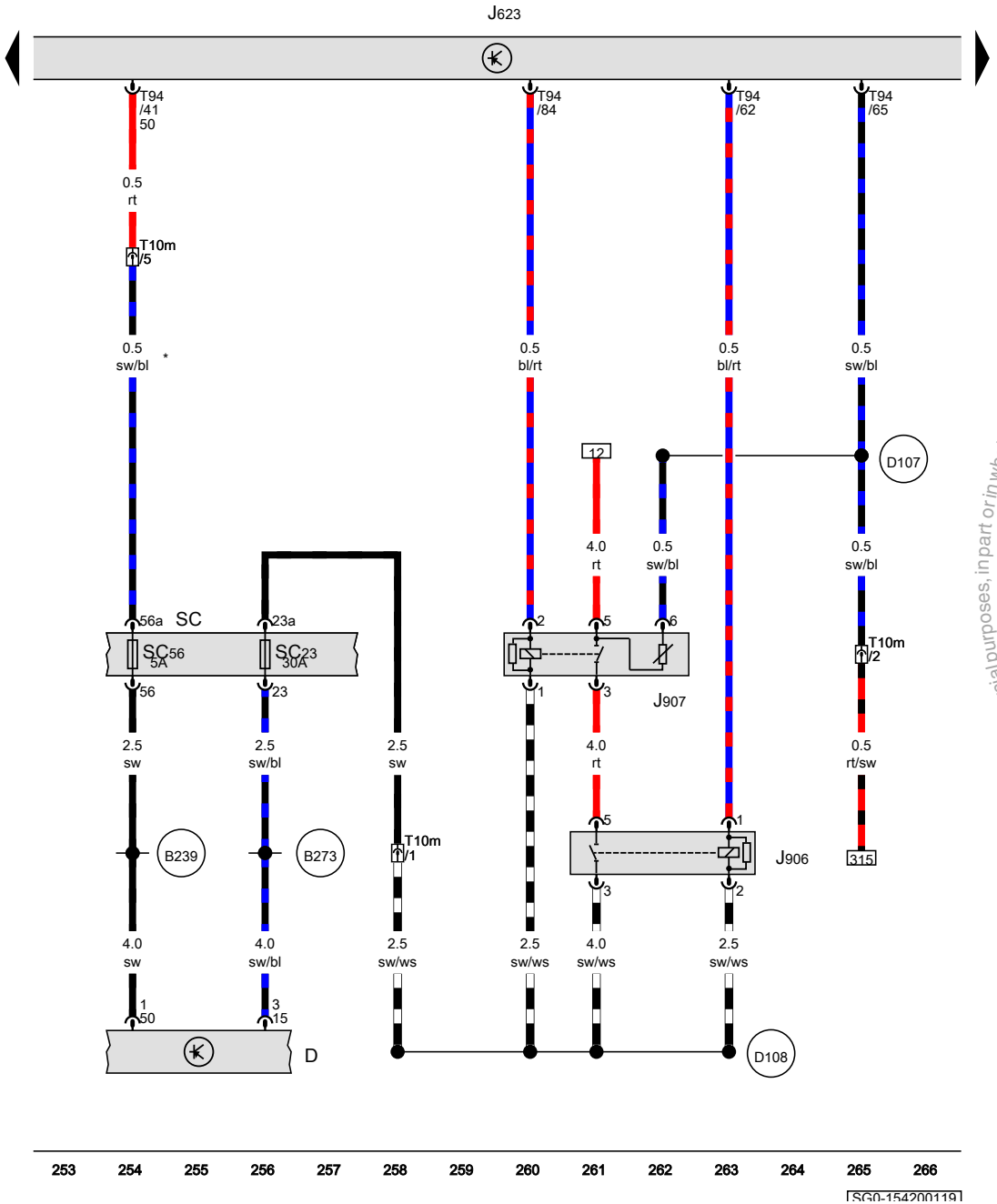

Ignition/starter switch, Engine/motor control unit, Fuse 23 on fuse holder C, Fuse 56 on fuse holder C

D	Ignition/starter switch
J623	Engine/motor control unit, in E-box in engine compartment
J906	Starter relay 1, in E-box in engine compartment
J907	Starter relay 2, in E-box in engine compartment
SC	Fuse holder C, in centre of dash panel
SC23	Fuse 23 on fuse holder C
SC56	Fuse 56 on fuse holder C
T10m	10-pin connector, light pink, in E-box in engine compartment
T94	94-pin connector, black
B239	Positive connection 1 (50), in interior wiring harness
B273	Positive connection (15), in main wiring harness
D107	Connection 5 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
*	For models with no electric interface

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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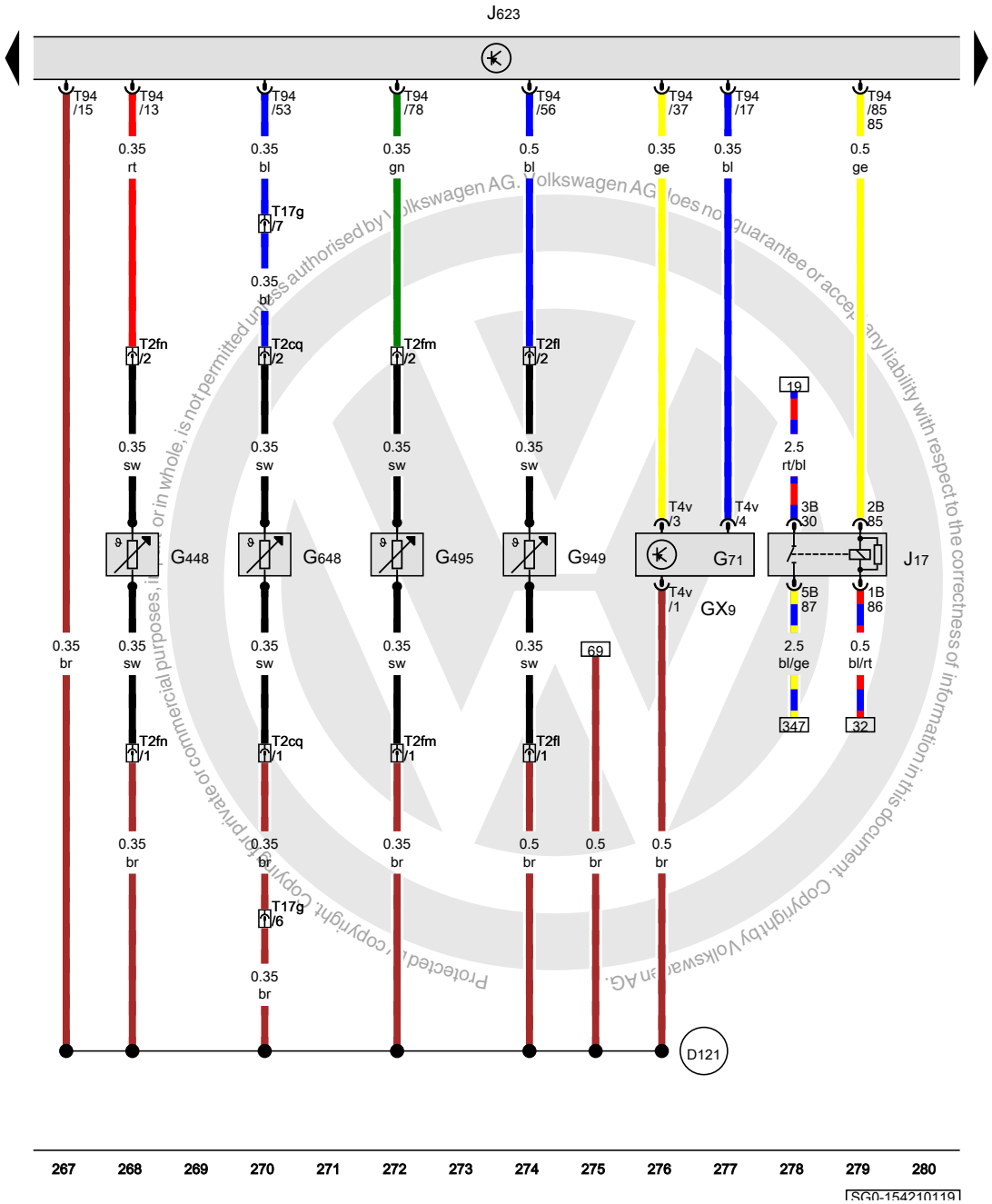

Intake manifold sender, Exhaust gas temperature sender 2, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Temperature sensor 3 for exhaust recirculation, Fuel pump relay, Engine/motor control unit

GX9	Intake manifold sender
G71	Intake manifold pressure sender
G448	Exhaust gas temperature sender 2
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
G949	Temperature sensor 3 for exhaust recirculation
J17	Fuel pump relay, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
T2cq	2-pin connector, light brown, on underbody, near cross panel
T2fl	2-pin connector, light brown, on underbody, near cross panel
T2fm	2-pin connector, brown, on underbody, near cross panel
T2fn	2-pin connector, black, on right in engine compartment
T4v	4-pin connector, black
T17g	17-pin connector, black, in E-box in engine compartment
T94	94-pin connector, black
D121	Connection 19 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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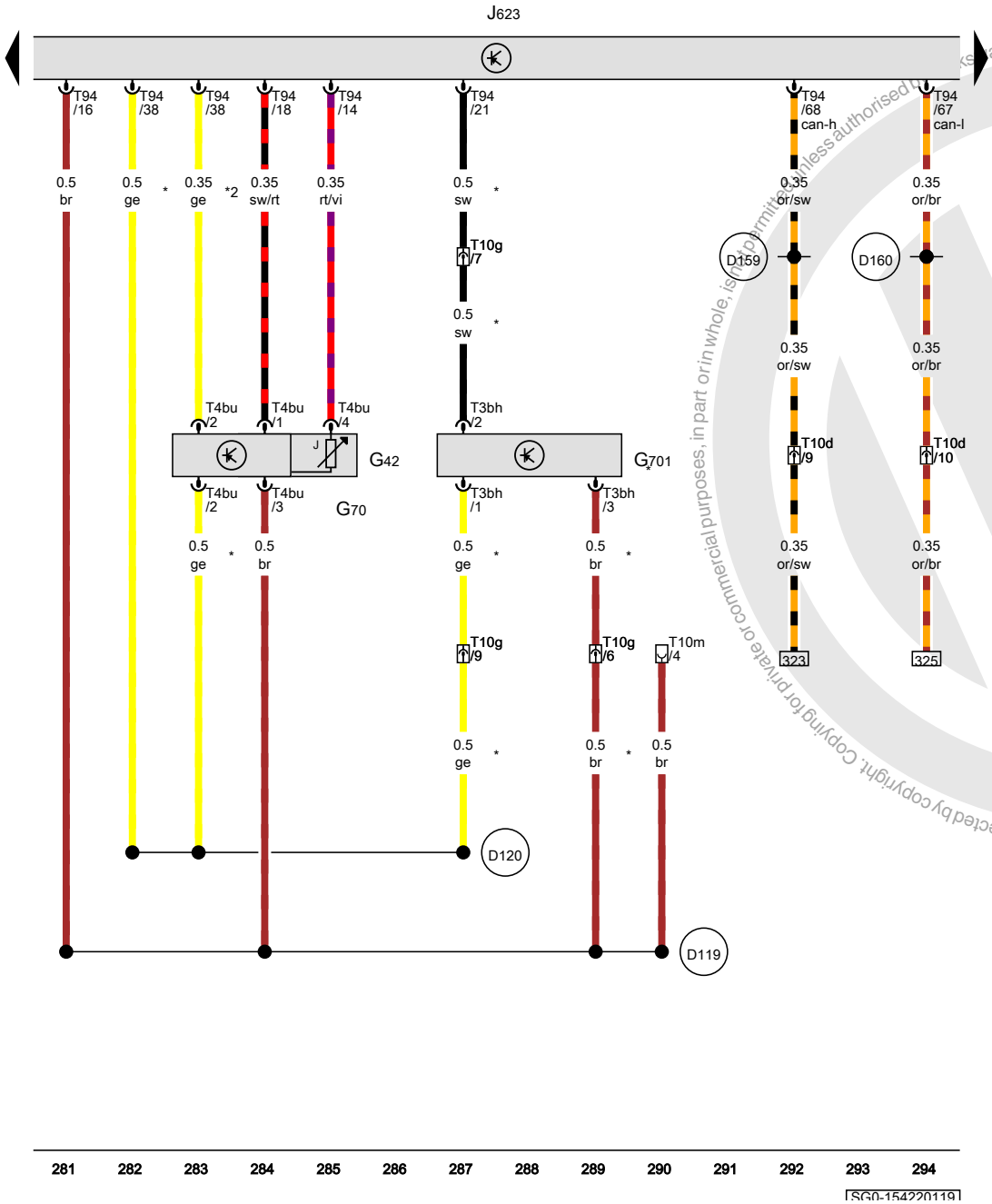
Intake air temperature sender, Air mass meter, Gearbox neutral position sender, Engine/motor control unit



G42	Intake air temperature sender
G70	Air mass meter
G701	Gearbox neutral position sender
J623	Engine/motor control unit, in E-box in engine compartment
T3bh	3-pin connector, black
T4bu	4-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T94	94-pin connector, black
D119	Connection 17 in engine compartment wiring harness
D120	Connection 18 in engine compartment wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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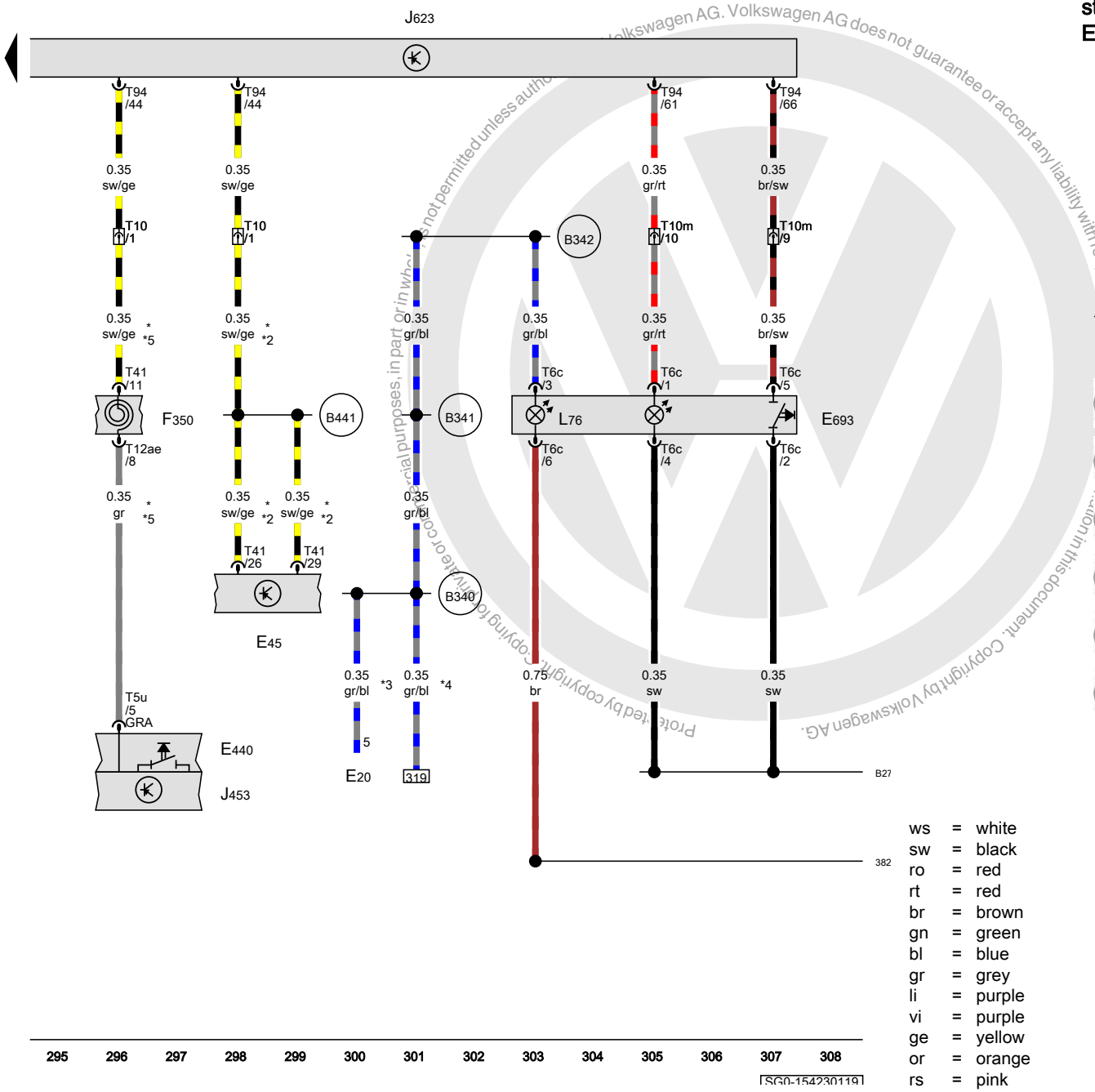

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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Cruise control system switch, Multifunction buttons on left in steering wheel, Start/Stop operation button, Coil connector, Engine/motor control unit

E20	Switch and instrument illumination regulator
E45	Cruise control system switch
E440	Multifunction buttons on left in steering wheel
E693	Start/Stop operation button
F350	Coil connector, in steering wheel
J453	Multifunction steering wheel control unit
J623	Engine/motor control unit, in E-box in engine compartment
L76	Button illumination bulb
T5u	5-pin connector, black
T6c	6-pin connector, white
T10	10-pin connector, black, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T12ae	12-pin connector, yellow
T41	41-pin connector, grey
T94	94-pin connector, black
382	Earth connection 17, in main wiring harness
B277	Positive connection 1 (15a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B342	Connection 3 (58d), in main wiring harness
B441	Connection (CCS), in main wiring harness
*	For models with cruise control system
*2	For models with no multifunction steering wheel
*3	For models with dimmable instrument illumination
*4	For models with no dimmable instrument illumination
*5	For models with multifunction steering wheel

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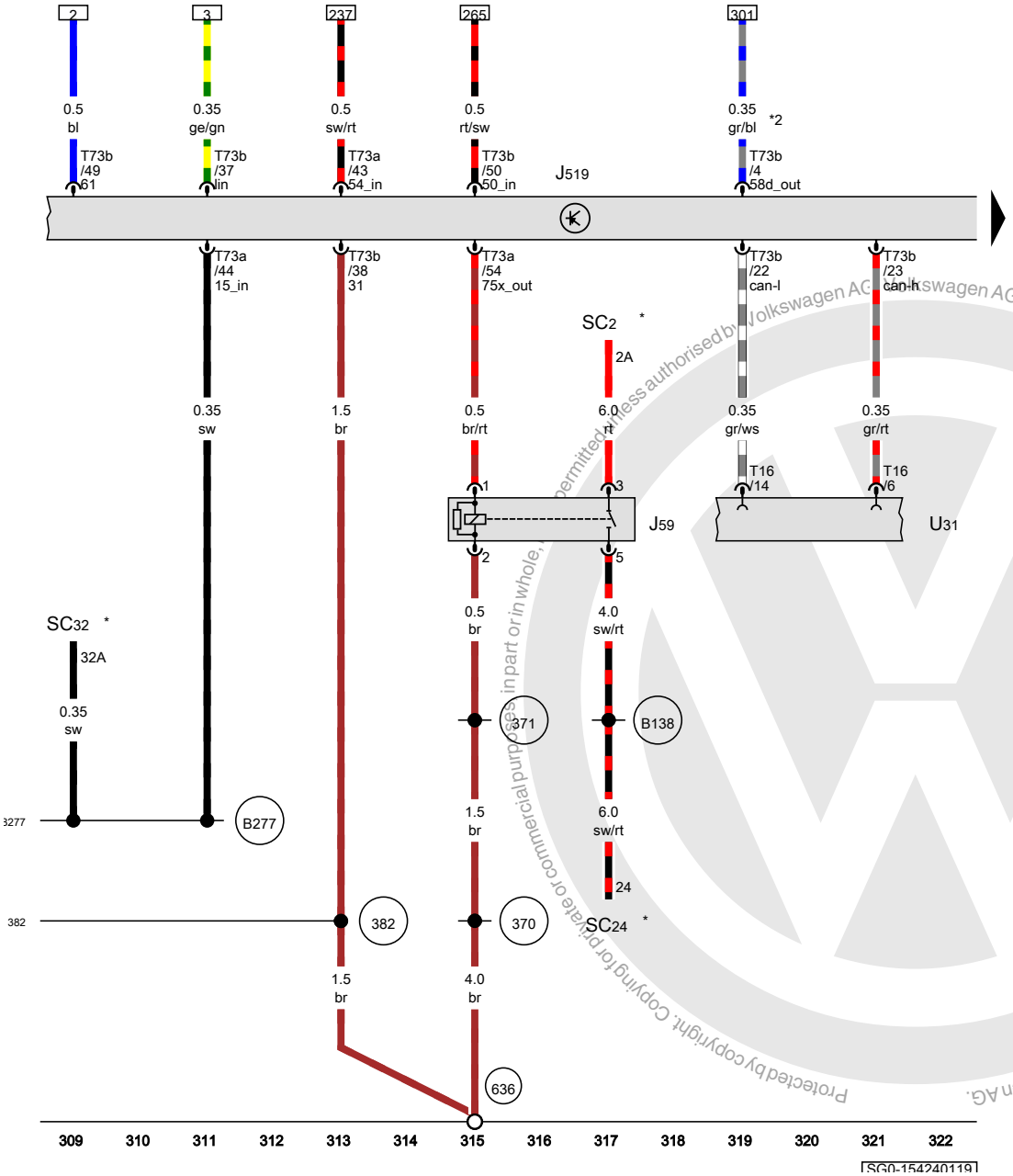
X-contact relief relay, Onboard supply control unit, Fuse 2 on fuse holder C, Fuse 24 on fuse holder C, Fuse 32 on fuse holder C, Diagnostic connection



J59	X-contact relief relay
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
SC24	Fuse 24 on fuse holder C, in centre of dash panel
SC32	Fuse 32 on fuse holder C
T16	16-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
U31	Diagnostic connection
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
382	Earth connection 17, in main wiring harness
636	Earth point, onboard supply control unit
B138	Positive connection (X), in interior wiring harness
B277	Positive connection 1 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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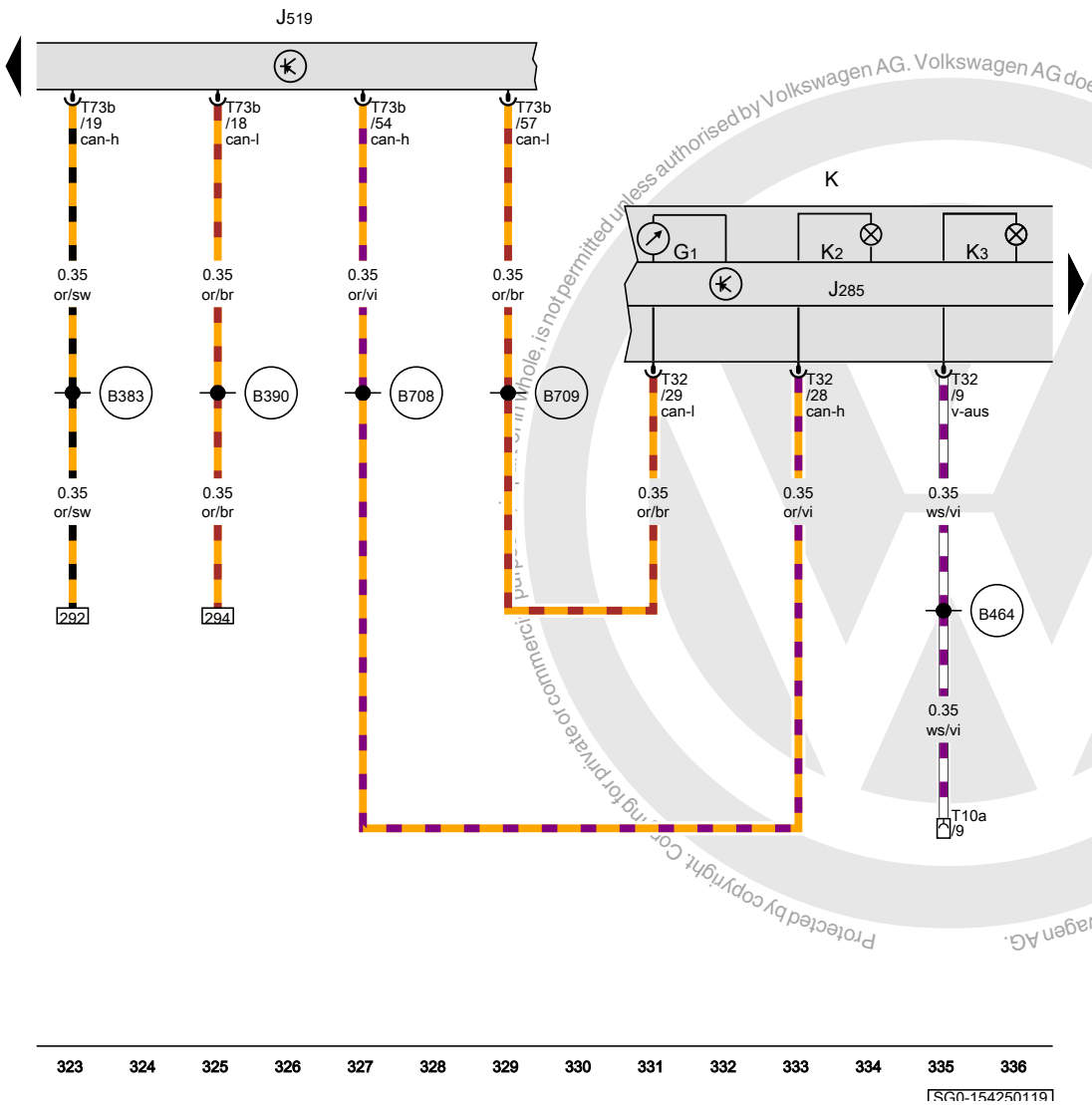
Fuel gauge, Onboard supply control unit, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp

G1	Fuel gauge
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
T10a	10-pin connector, brown, in E-box in engine compartment
T32	32-pin connector, blue
T73b	73-pin connector, white
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B464	Connection (speed signal), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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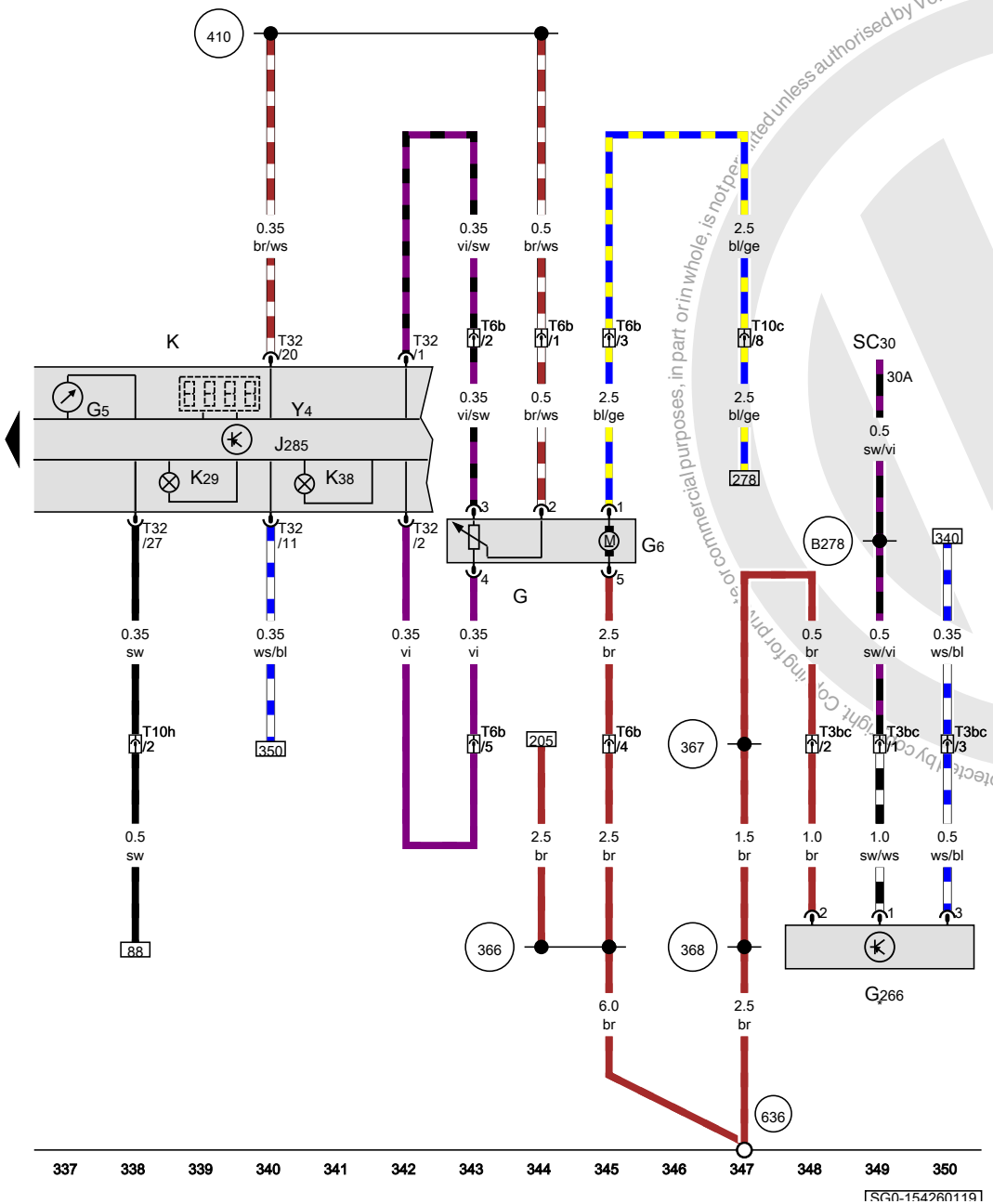

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Fuel gauge sender, Rev. counter, Fuel system pressurisation pump, Oil level and oil temperature sender, Dash panel insert, Glow period warning lamp, Oil level warning lamp

G	Fuel gauge sender
G5	Rev. counter
G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K	Dash panel insert
K29	Glow period warning lamp
K38	Oil level warning lamp
SC30	Fuse 30 on fuse holder C
T3bc	3-pin connector, black, on underbody, near cross panel
T6b	6-pin connector, black, on fuel tank
T10c	10-pin connector, yellow, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T32	32-pin connector, blue
Y4	Trip counter
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
410	Earth connection 1 (sender earth) in main wiring harness
636	Earth point, onboard supply control unit
B278	Positive connection 2 (15a) in main wiring harness
*	For models with extended service intervals (ESI)

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2.0l diesel engine with start/stop system , CXEB,CXEC,(7L6),(7CS)

From August 2018

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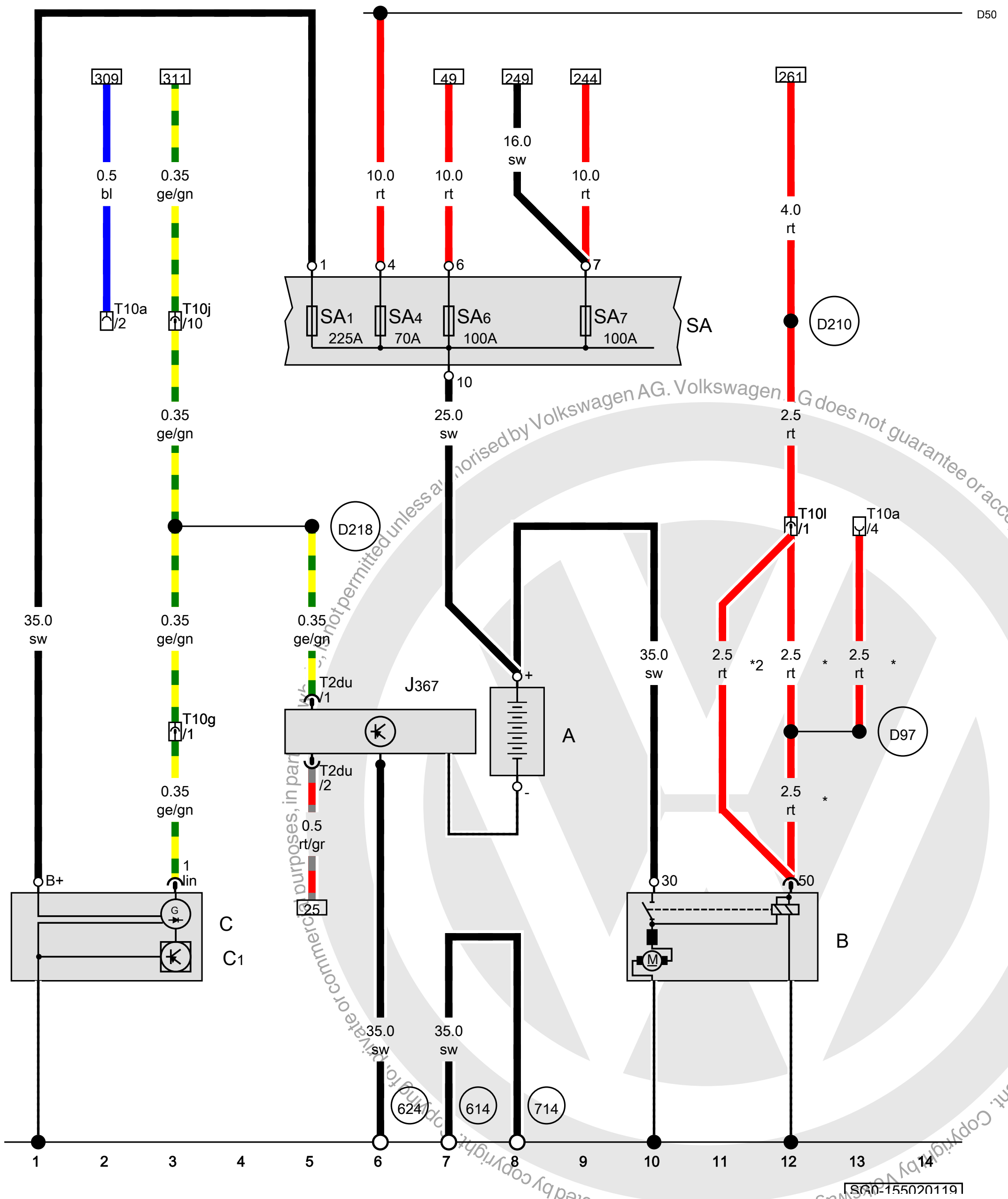
Battery, Starter, Alternator, Voltage regulator



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J367	Battery monitor control unit
SA	Fuse holder A, in E-box in engine compartment
SA1	Fuse 1 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
T2du	2-pin connector, black
T10a	10-pin connector, brown, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T10j	10-pin connector, dark brown, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
614	Earth point 2, on right in engine compartment
624	Earth point, starter battery
714	Earth point on right of engine
D50	Positive connection (30), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D210	Connection (50), in engine compartment wiring harness
D218	Connection 1 (LIN bus) in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox (DSG)

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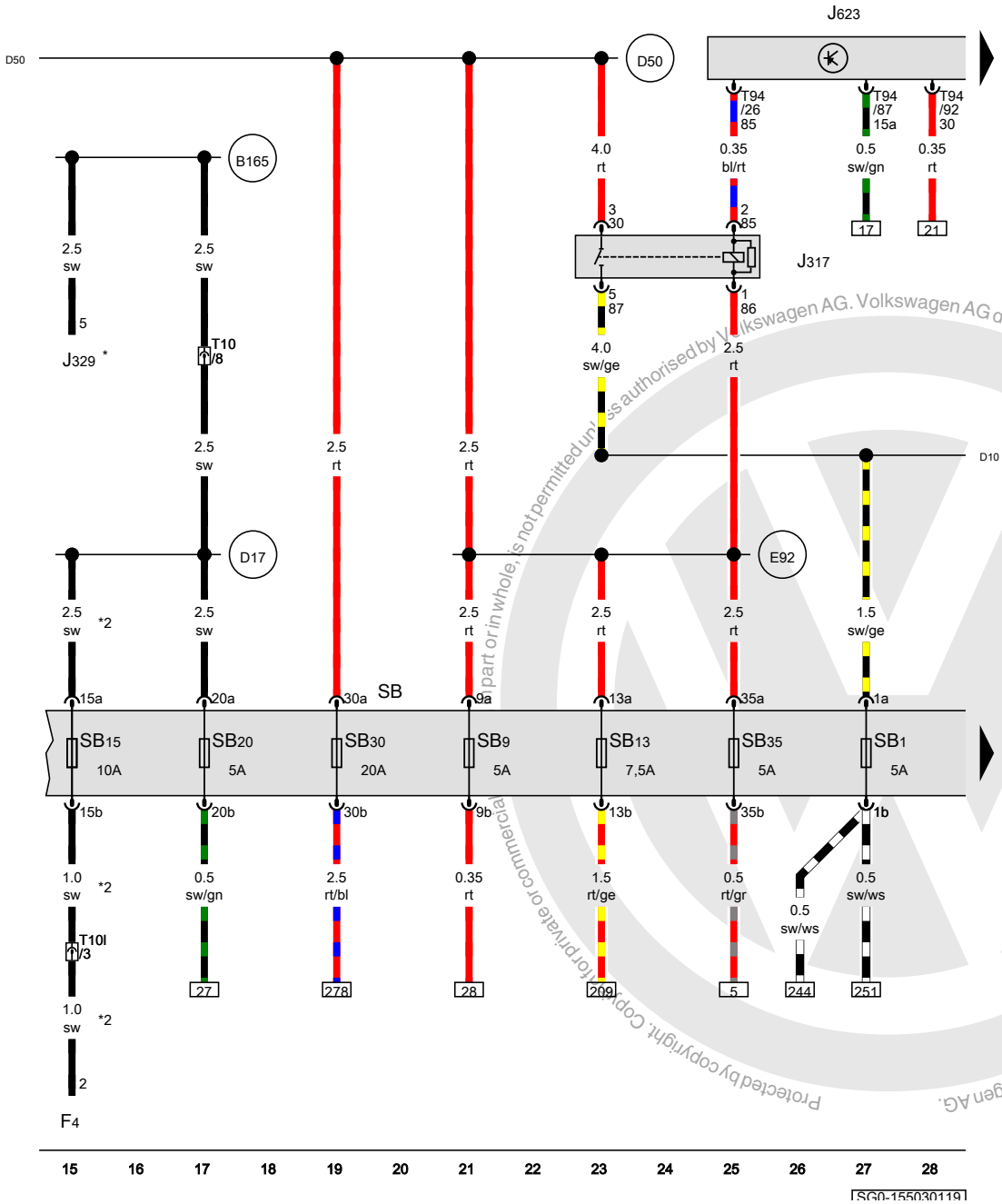
Terminal 30 voltage supply relay, Engine/motor control unit, Fuse holder B



F4	Reversing light switch
J317	Terminal 30 voltage supply relay, in E-box
J329	Terminal 15 voltage supply relay
J623	Engine/motor control unit, in E-box in engine compartment
SB	Fuse holder B, in E-box in engine compartment
SB1	Fuse 1 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB30	Fuse 30 on fuse holder B
SB35	Fuse 35 on fuse holder B
T10	10-pin connector, black, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T94	94-pin connector, black
B165	Positive connection 2 (15), in interior wiring harness
D17	Positive connection 1 (15), in engine harness
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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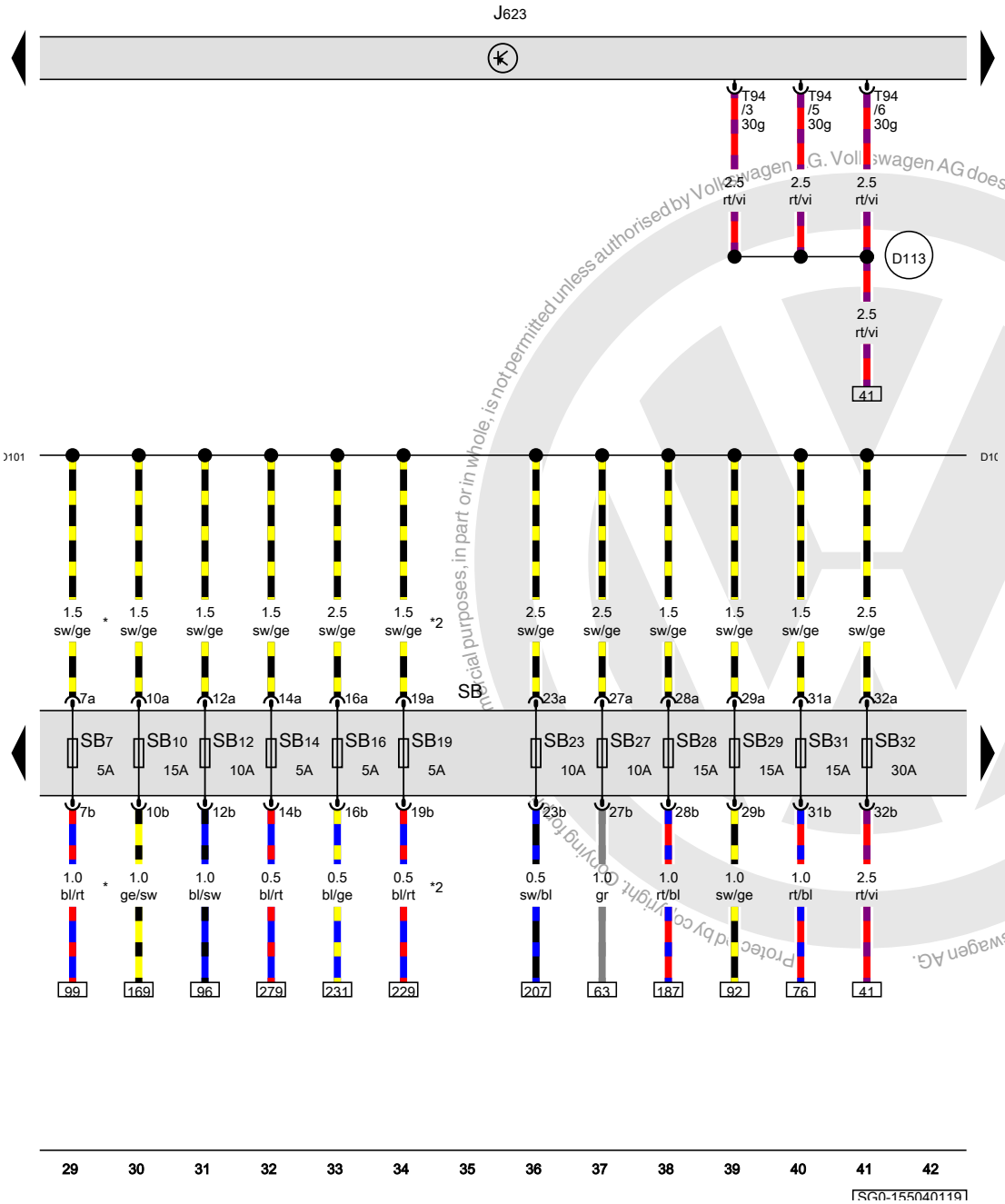

Engine/motor control unit, Fuse holder B

J623	Engine/motor control unit, in E-box in engine compartment
SB	Fuse holder B, in E-box in engine compartment
SB7	Fuse 7 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB19	Fuse 19 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB29	Fuse 29 on fuse holder B
SB31	Fuse 31 on fuse holder B
SB32	Fuse 32 on fuse holder B
T94	94-pin connector, black
D101	Connection 1 in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness
*	For models with crankcase breather heater element
*2	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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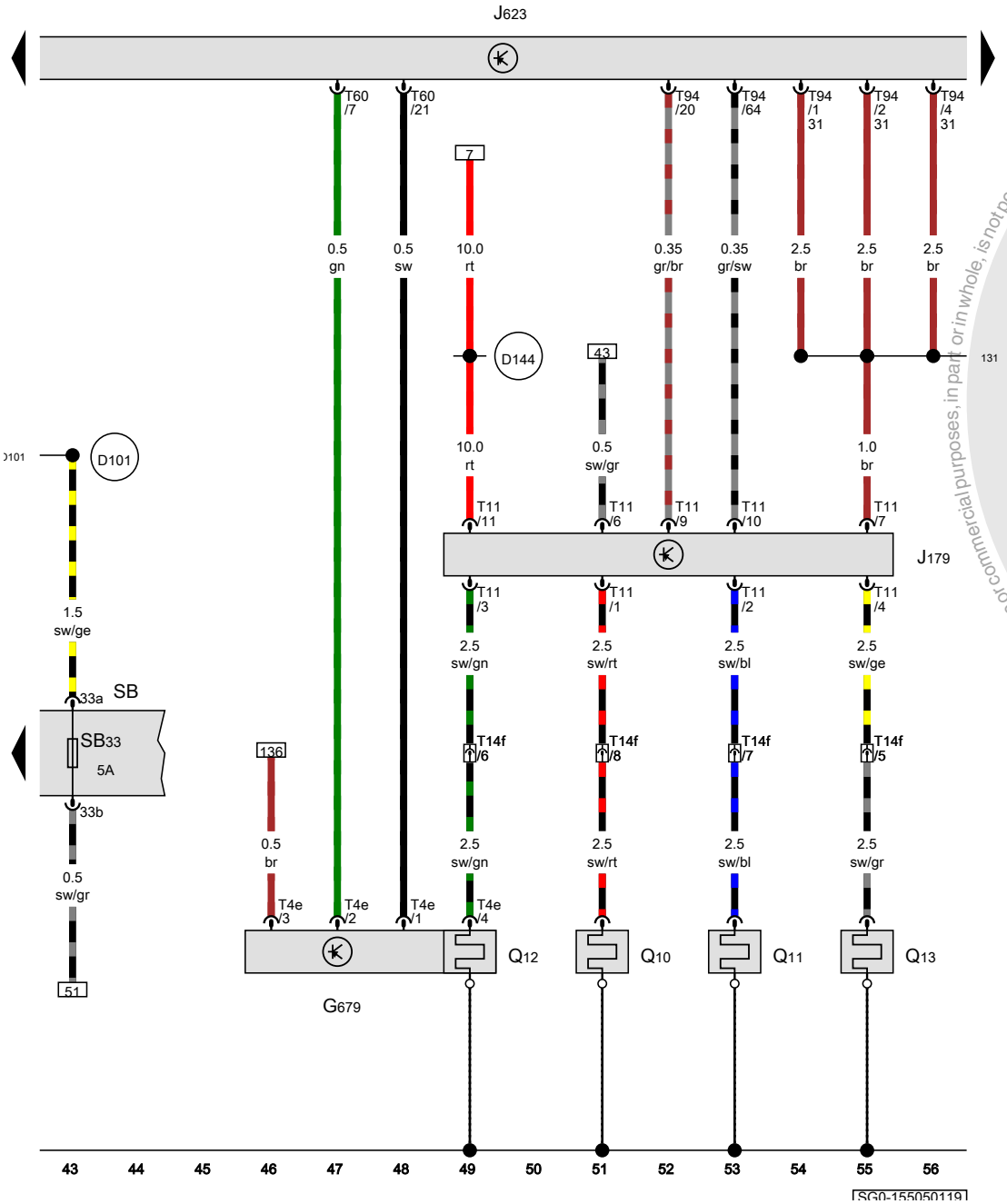
Automatic glow period control unit, Engine/motor control unit, Fuse holder B



G679	Cylinder 3 combustion chamber pressure sender
J179	Automatic glow period control unit, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
SB	Fuse holder B, in E-box in engine compartment
SB33	Fuse 33 on fuse holder B
T4e	4-pin connector, black
T11	11-pin connector, black
T14f	14-pin connector, grey, in E-box in engine compartment, next to relay plate
T60	60-pin connector, black
T94	94-pin connector, black
131	Earth connection 2, in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D144	Positive connection 5 (30), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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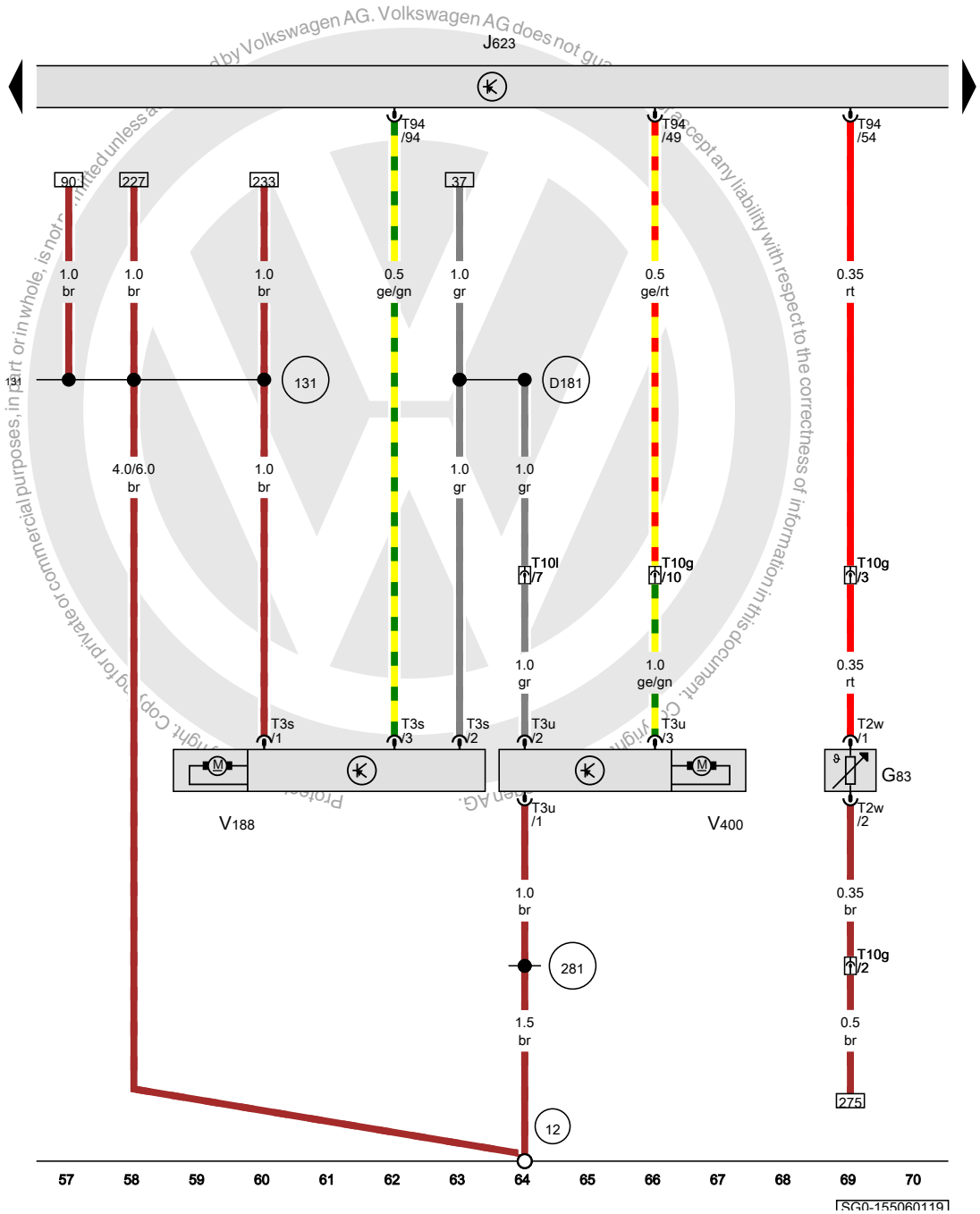
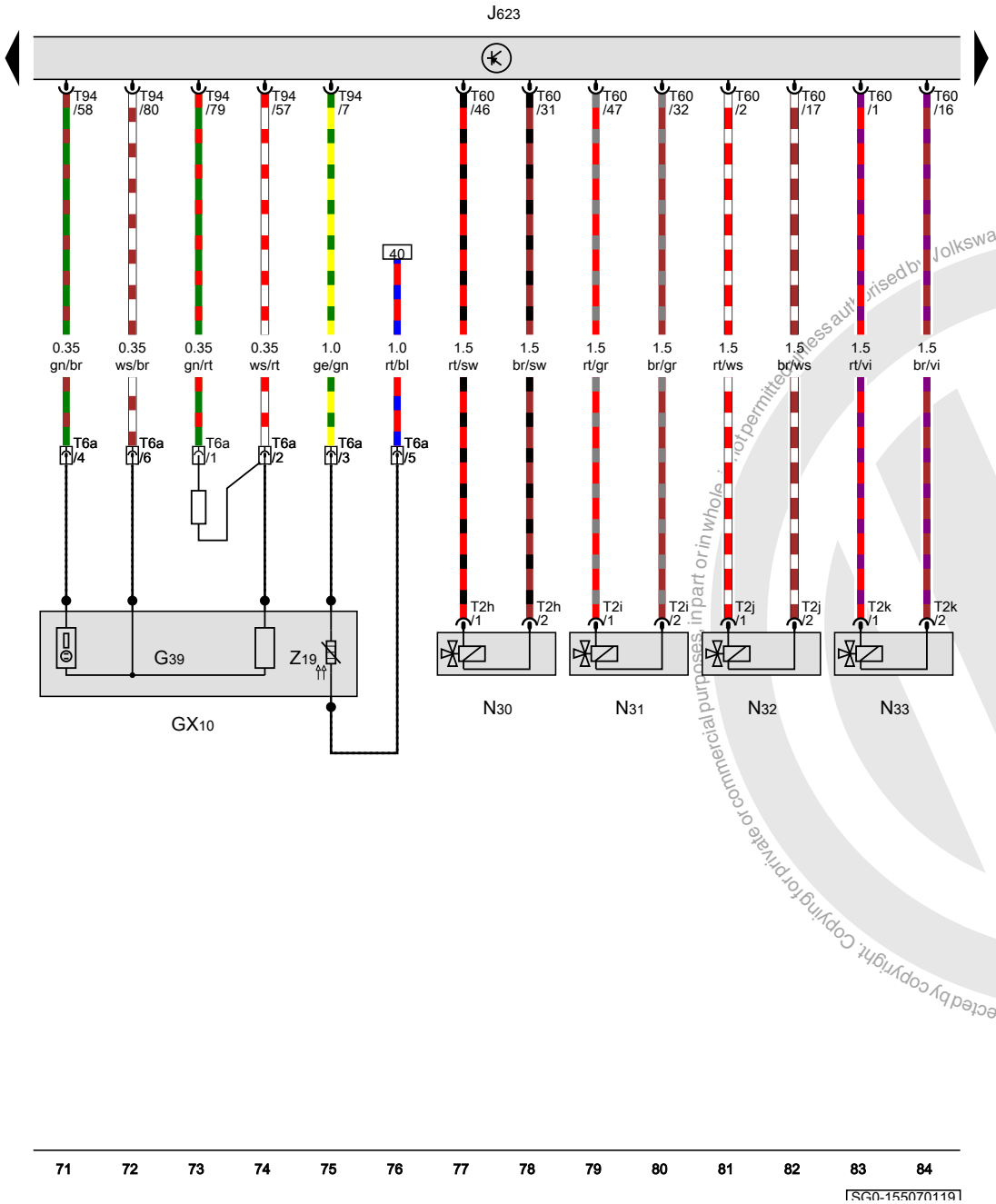


Radiator outlet coolant temperature sender, Engine/motor control unit, Charge air cooling pump, Pump for exhaust gas recirculation cooler

G83	Radiator outlet coolant temperature sender
J623	Engine/motor control unit, in E-box in engine compartment
T2w	2-pin connector, black
T3s	3-pin connector, black
T3u	3-pin connector, black
T10g	10-pin connector, grey, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T94	94-pin connector, black
V188	Charge air cooling pump
V400	Pump for exhaust gas recirculation cooler
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
D181	Connection 2 (87a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Lambda probe 1 before catalytic converter, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4



GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
J623	Engine/motor control unit, in E-box in engine compartment
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2h	2-pin connector, black
T2i	2-pin connector, black
T2j	2-pin connector, black
T2k	2-pin connector, black
T6a	6-pin connector, black, in middle of engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
Z19	Lambda probe heater

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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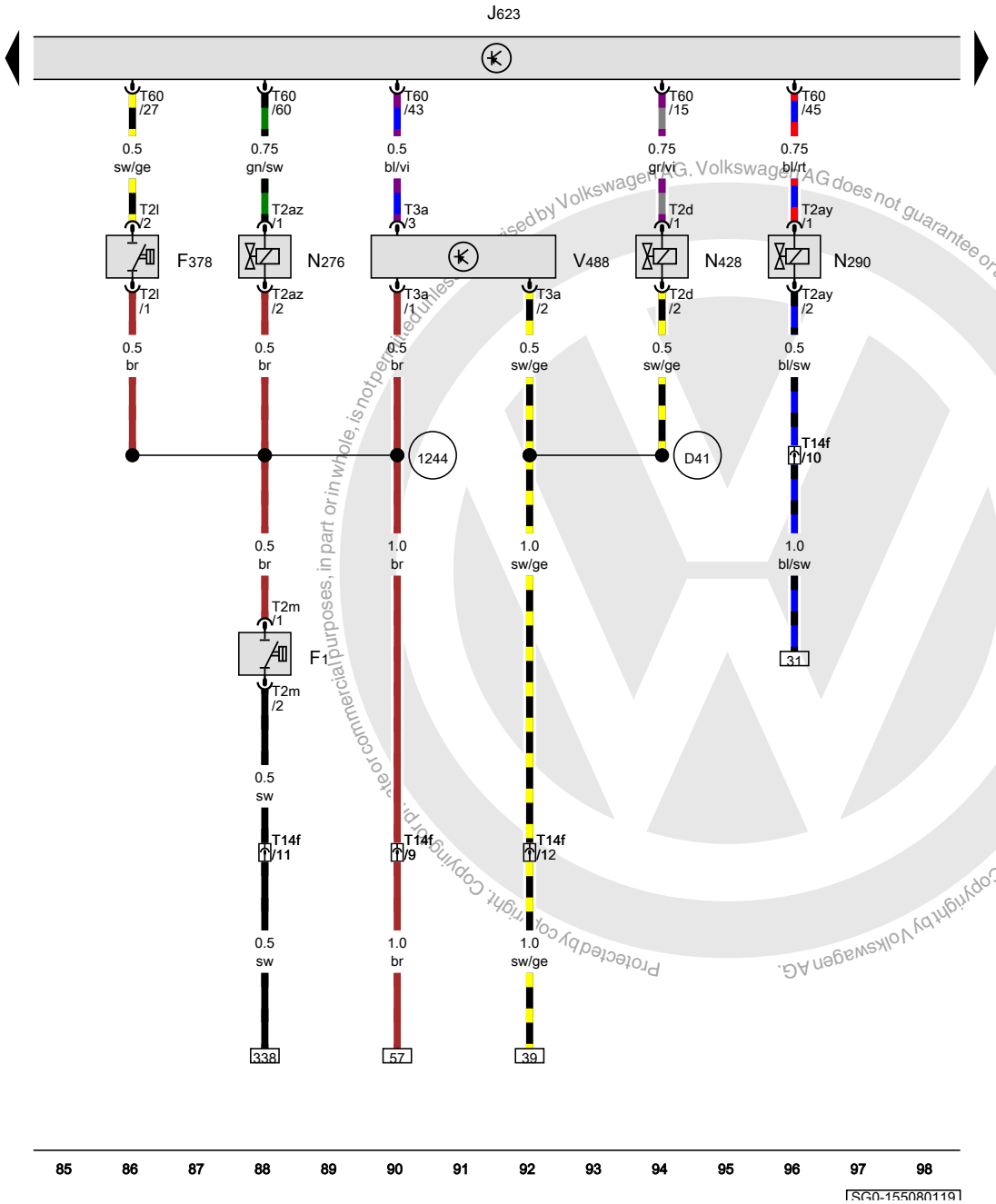

Oil pressure switch, Oil pressure switch for reduced oil pressure, Engine/motor control unit, Fuel pressure regulating valve, Fuel metering valve, Valve for oil pressure control, Auxiliary pump for heating

F1	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
J623	Engine/motor control unit, in E-box in engine compartment
N276	Fuel pressure regulating valve
N290	Fuel metering valve
N428	Valve for oil pressure control
T2ay	2-pin connector, black
T2az	2-pin connector, black
T2d	2-pin connector, black
T2l	2-pin connector, black
T2m	2-pin connector, red
T3a	3-pin connector, black
T14f	14-pin connector, grey, in E-box in engine compartment, next to relay plate
T60	60-pin connector, black
V488	Auxiliary pump for heating
1244	Earth point 7, engine prewiring harness
D41	Connection 3, in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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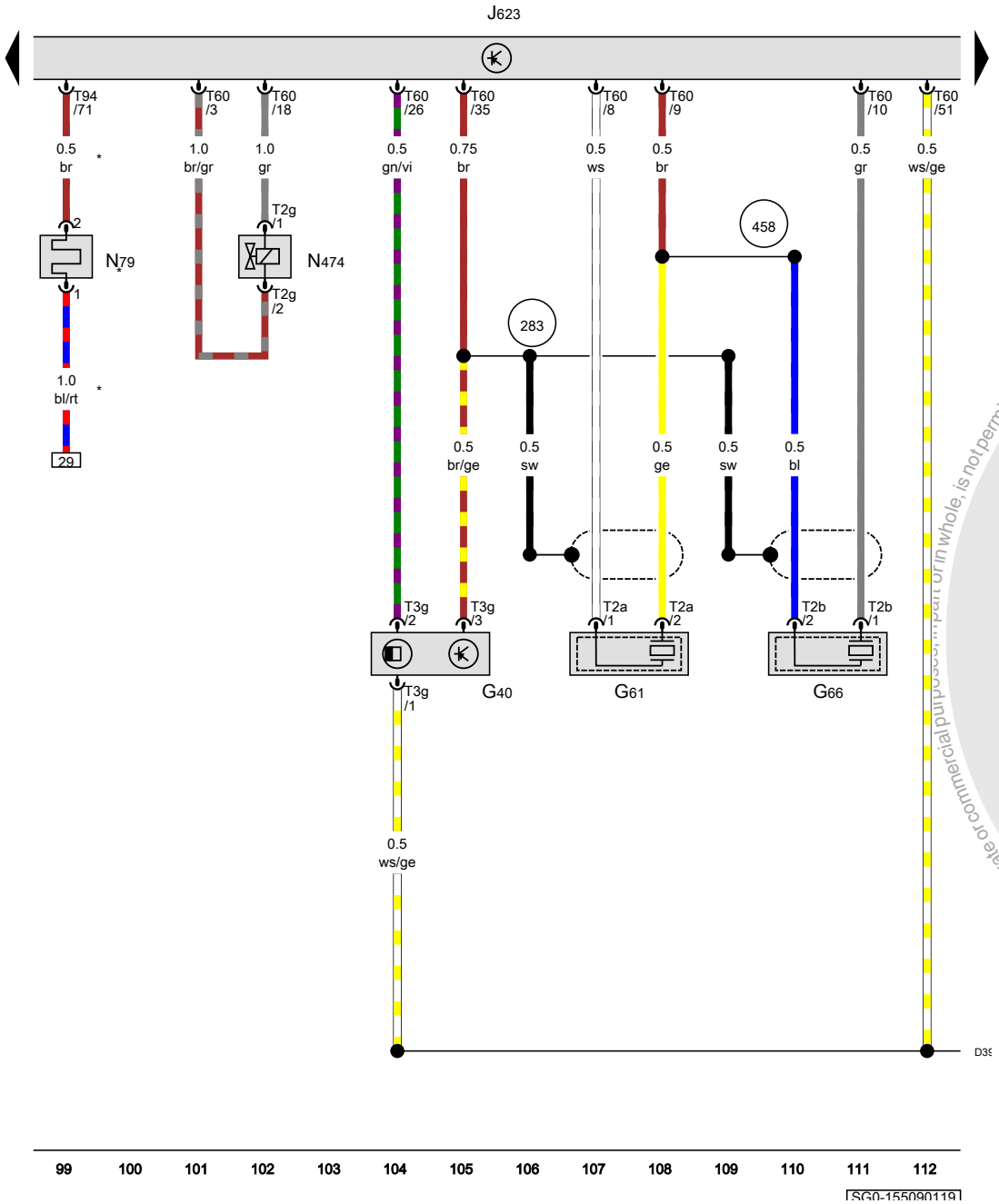

Hall sender, Knock sensor 1, Knock sensor 2, Engine/motor control unit, Heater element for crankcase breather, Injector for reducing agent

G40	Hall sender
G61	Knock sensor 1
G66	Knock sensor 2
J623	Engine/motor control unit, in E-box in engine compartment
N79	Heater element for crankcase breather
N474	Injector for reducing agent
T2a	2-pin connector, black
T2b	2-pin connector, black
T2g	2-pin connector, black
T3g	3-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
283	Earth point 2, engine prewiring harness
458	Earth point 3, engine prewiring harness
D39	Connection 1, in engine prewiring harness
*	For models with crankcase breather heater element

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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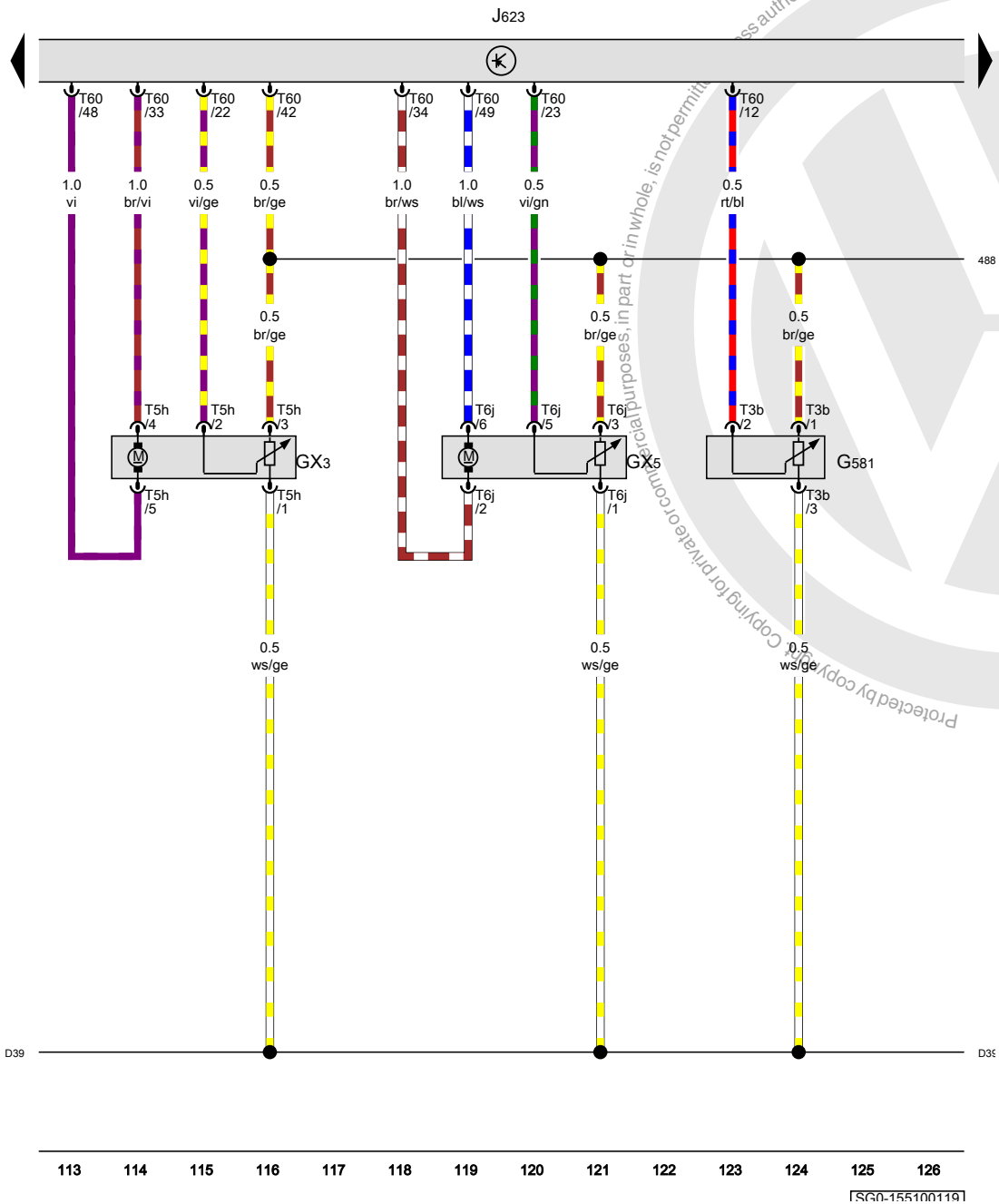

Throttle valve module, Exhaust gas recirculation valve 1, Position sender for charge pressure positioner, Engine/ motor control unit

GX3	Throttle valve module
GX5	Exhaust gas recirculation valve 1
G581	Position sender for charge pressure positioner
J623	Engine/motor control unit, in E-box in engine compartment
T3b	3-pin connector, brown
T5h	5-pin connector, black
T6j	6-pin connector, grey
T60	60-pin connector, black
488	Earth point 6, engine prewiring harness
D39	Connection 1, in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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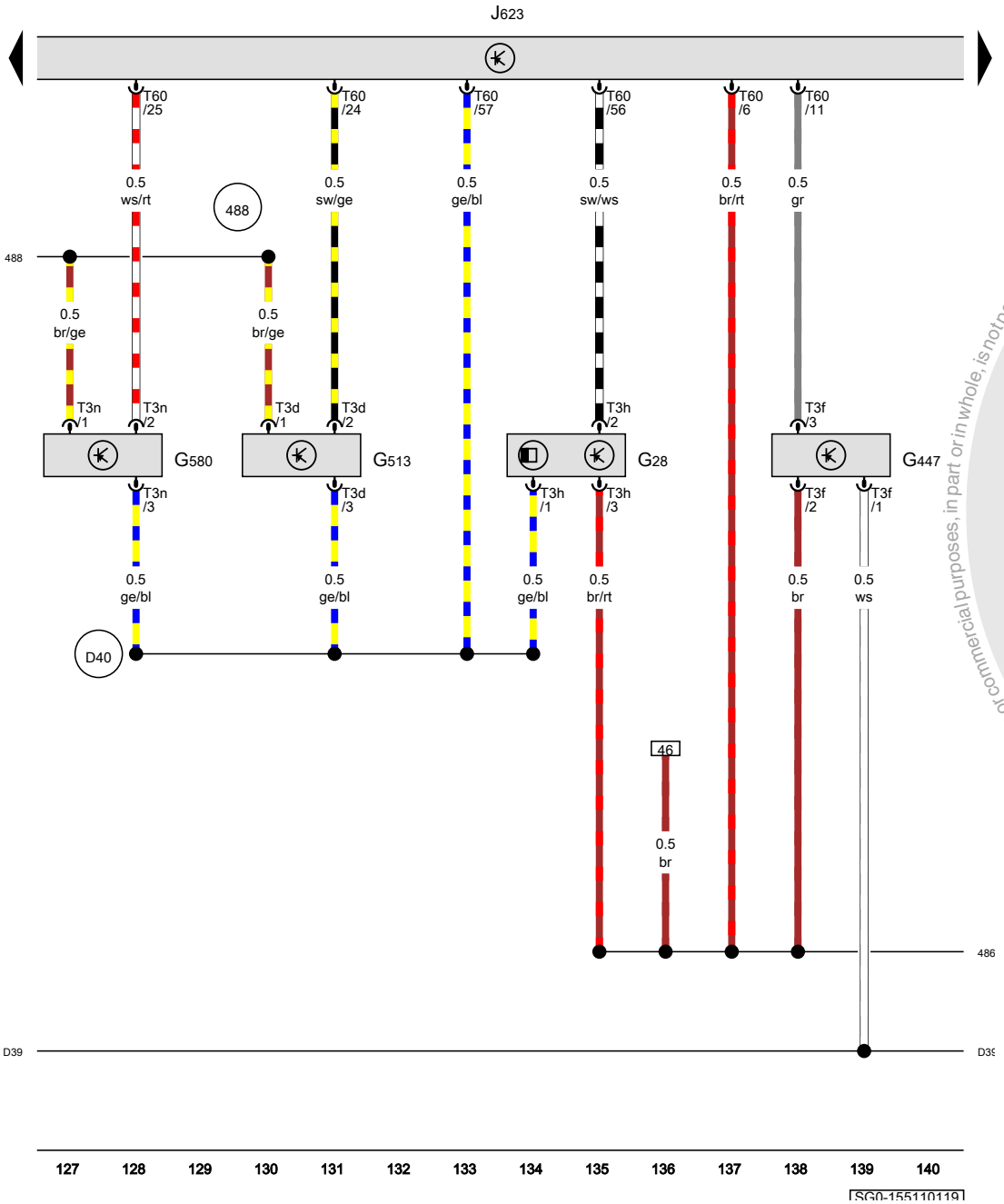
Engine speed sender, Charge pressure sender 2, Variable intake manifold position sender, Position sender 2 for charge pressure positioner, Engine/motor control unit



G28	Engine speed sender
G447	Charge pressure sender 2
G513	Variable intake manifold position sender
G580	Position sender 2 for charge pressure positioner
J623	Engine/motor control unit, in E-box in engine compartment
T3d	3-pin connector, brown
T3f	3-pin connector, black
T3h	3-pin connector, black
T3n	3-pin connector, brown
T60	60-pin connector, black
486	Earth point 4, engine prewiring harness
488	Earth point 6, engine prewiring harness
D39	Connection 1, in engine prewiring harness
D40	Connection 2, in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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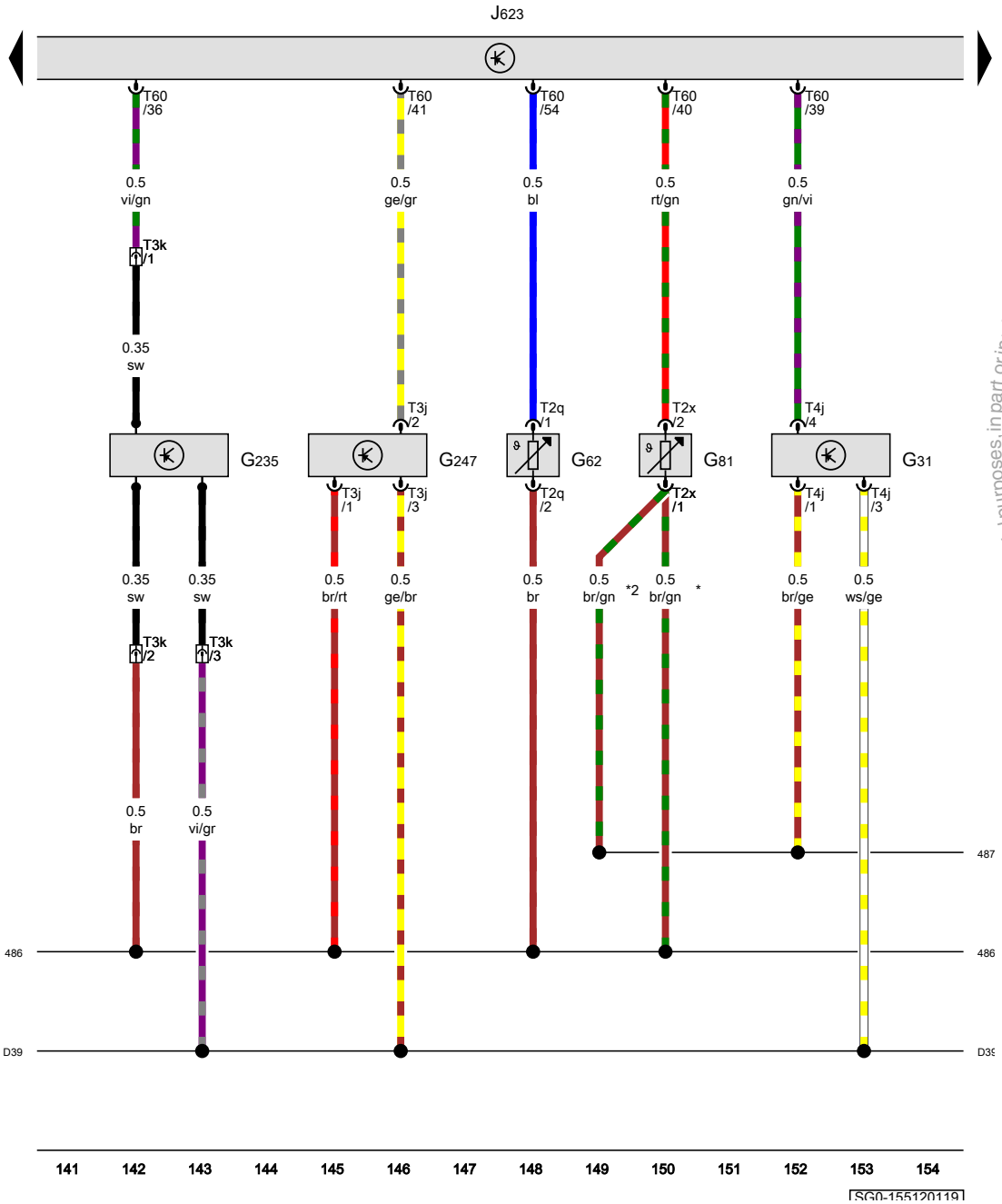
Charge pressure sender, Coolant temperature sender, Fuel temperature sender, Exhaust gas temperature sender 1, Fuel pressure sender, Engine/motor control unit



G31	Charge pressure sender
G62	Coolant temperature sender
G81	Fuel temperature sender
G235	Exhaust gas temperature sender 1
G247	Fuel pressure sender
J623	Engine/motor control unit, in E-box in engine compartment
T2q	2-pin connector, black
T2x	2-pin connector, black
T3j	3-pin connector, black
T3k	3-pin connector, brown
T4j	4-pin connector, black
T60	60-pin connector, black
486	Earth point 4, engine prewiring harness
487	Earth point 5, engine prewiring harness
D39	Connection 1, in engine prewiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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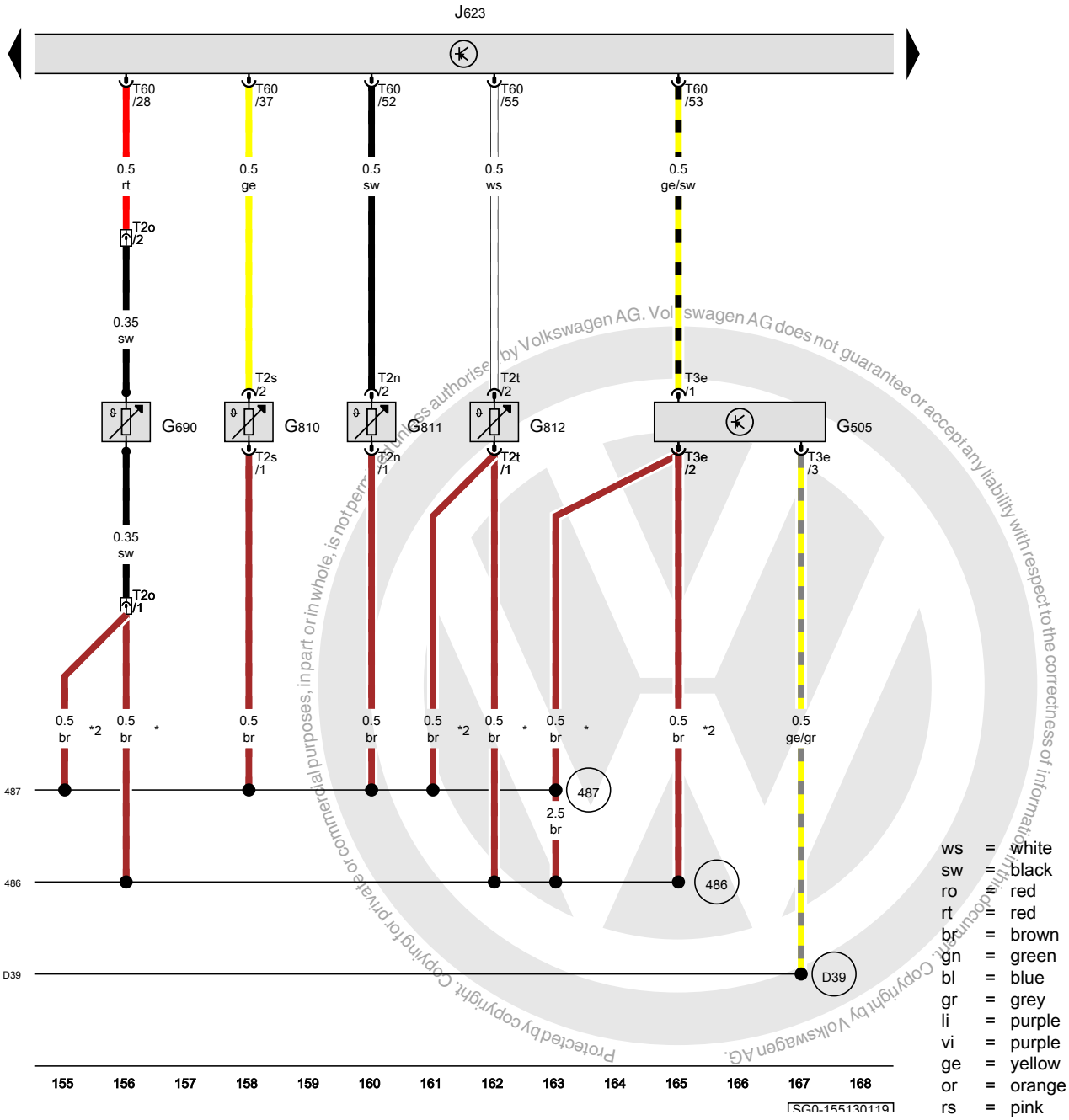

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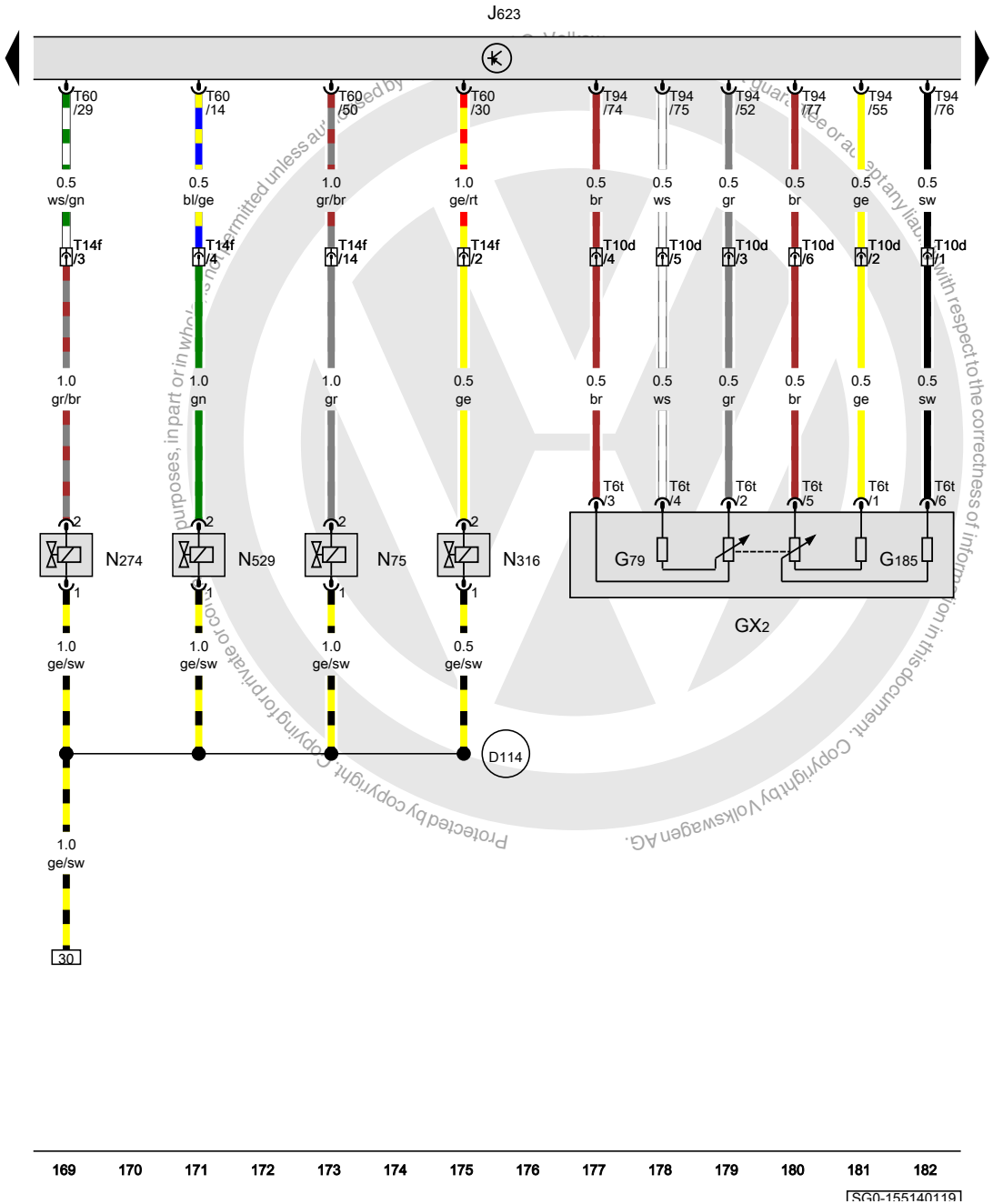
ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Pressure differential sender, Temperature sensor 2 for exhaust recirculation, Charge air temperature sender before charge air cooler, Charge air temperature sender after charge air cooler, Coolant temperature sender 3, Engine/ motor control unit

G505	Pressure differential sender
G690	Temperature sensor 2 for exhaust recirculation
G810	Charge air temperature sender before charge air cooler
G811	Charge air temperature sender after charge air cooler
G812	Coolant temperature sender 3
J623	Engine/motor control unit, in E-box in engine compartment
T2n	2-pin connector, black
T2o	2-pin connector, brown, in middle of engine compartment
T2s	2-pin connector, black
T2t	2-pin connector, black
T3e	3-pin connector, black
T60	60-pin connector, black
486	Earth point 4, engine prewiring harness
487	Earth point 5, engine prewiring harness
D39	Connection 1, in engine prewiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox



Accelerator pedal module, Accelerator position sender, Accelerator position sender 2, Engine/motor control unit, Charge pressure control solenoid valve, Charge pressure control solenoid valve 2, Intake manifold flap valve, Turbine changeover valve

GX2	Accelerator pedal module
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit, in E-box in engine compartment
N75	Charge pressure control solenoid valve
N274	Charge pressure control solenoid valve 2
N316	Intake manifold flap valve
N529	Turbine changeover valve
T6t	6-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T14f	14-pin connector, grey, in E-box in engine compartment, next to relay plate
T60	60-pin connector, black
T94	94-pin connector, black
D114	Connection 12 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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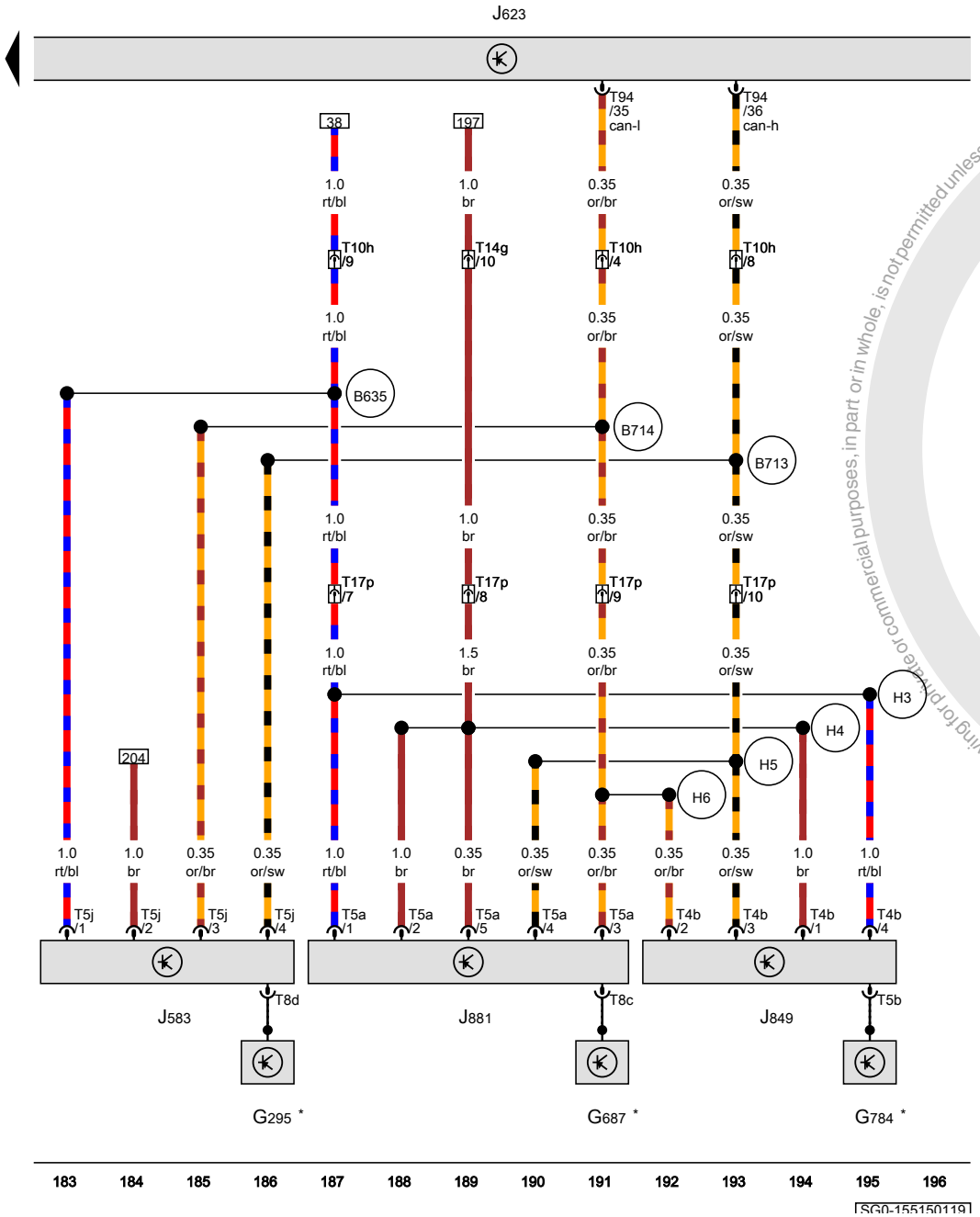
NOx sender, NOx sender 2, Particulate sensor, Control unit for NOx sender, Engine/motor control unit, Control unit for sensor electronics, Control unit for NOx sender 2



G295	NOx sender
G687	NOx sender 2
G784	Particulate sensor
J583	Control unit for NOx sender
J623	Engine/motor control unit, in E-box in engine compartment
J849	Control unit for sensor electronics
J881	Control unit for NOx sender 2
T4b	4-pin connector, black
T5a	5-pin connector, black
T5b	5-pin connector, black
T5j	5-pin connector, black
T8c	8-pin connector, black
T8d	8-pin connector, black
T10h	10-pin connector, orange, in E-box in engine compartment
T14g	14-pin connector, black, near container for additive
T17p	17-pin connector, red, under seat on front left
T94	94-pin connector, black
B635	Positive connection 3 (87), in main wiring harness
B713	Connection 1 (CAN bus diagnosis, high), in main wiring harness
B714	Connection 1 (CAN bus diagnosis, low), in main wiring harness
H3	Connection 1 in wiring harness for reducing agent tank
H4	Connection 2 in wiring harness for reducing agent tank
H5	Connection 3 in wiring harness for reducing agent tank
H6	Connection 4 in wiring harness for reducing agent tank
*	Pre-wired component

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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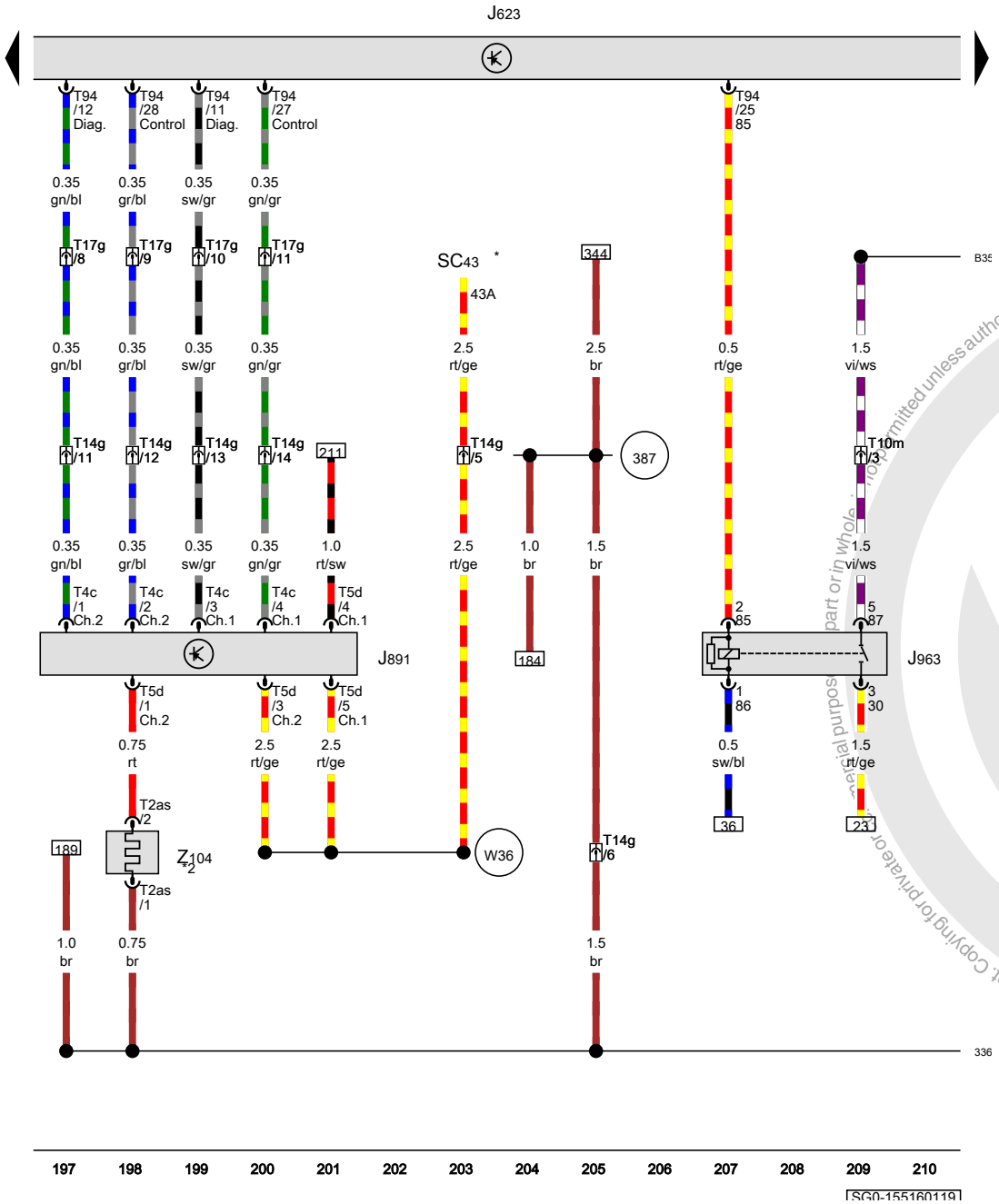

Engine/motor control unit, Control unit for reducing agent heater, Relay for reducing agent metering system, Fuse 43 on fuse holder C, Heater for reducing agent line (heater circuit 2)

J623	Engine/motor control unit, in E-box in engine compartment
J891	Control unit for reducing agent heater
J963	Relay for reducing agent metering system
SC43	Fuse 43 on fuse holder C
T2as	2-pin connector, black
T4c	4-pin connector, black
T5d	5-pin connector, colourless
T10m	10-pin connector, light pink, in E-box in engine compartment
T14g	14-pin connector, black, near container for additive
T17g	17-pin connector, black, in E-box in engine compartment
T94	94-pin connector, black
Z104	Heater for reducing agent line (heater circuit 2)
336	Earth connection 1, in floor wiring harness
387	Earth connection 22, in main wiring harness
B350	Positive connection 1 (87a) in main wiring harness
W36	Positive connection (30a), in floor wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Pre-wired component

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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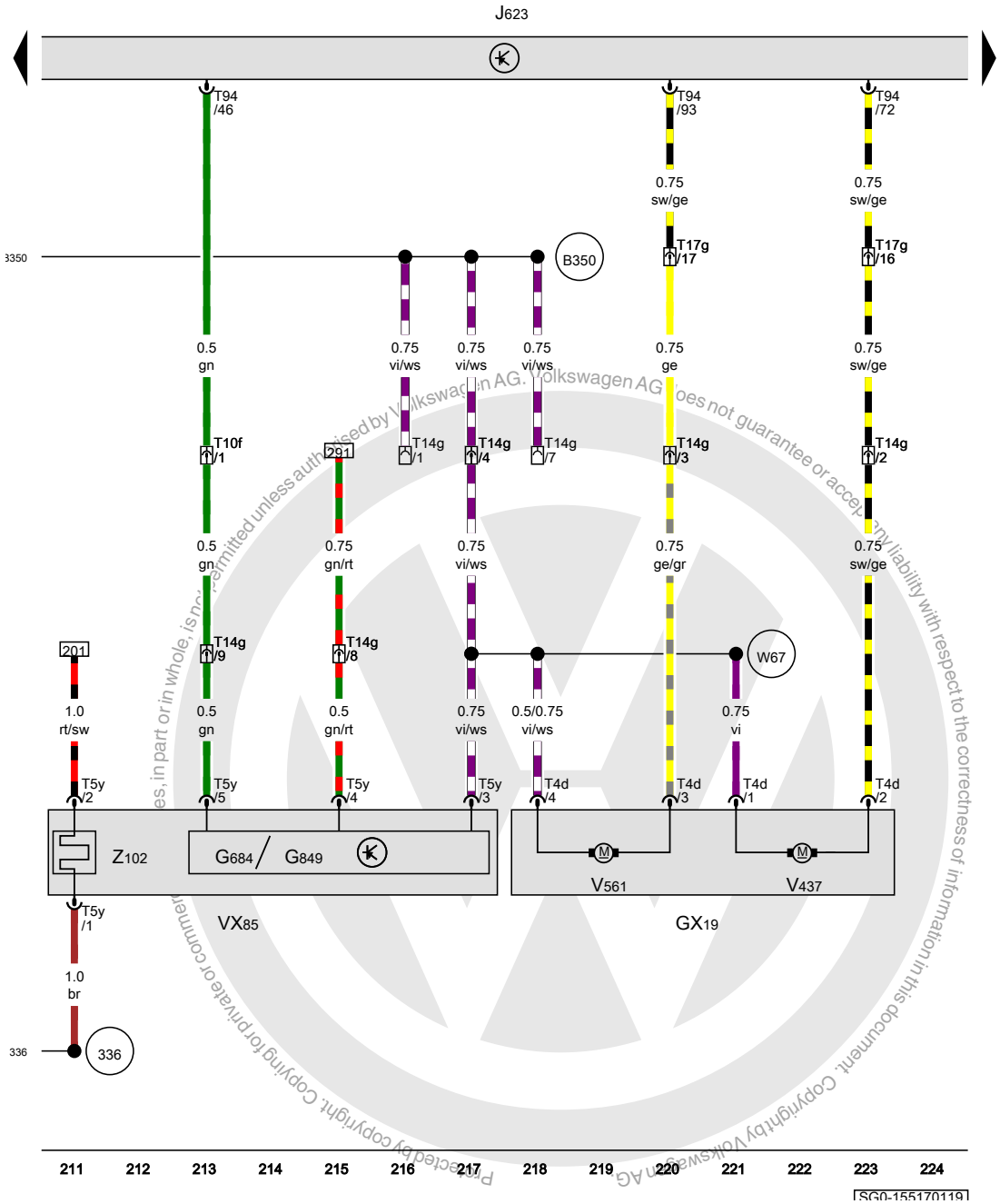

Delivery unit for reducing agent metering system, Engine/ motor control unit, Reducing agent tank

GX19	Delivery unit for reducing agent metering system, on reducing-agent tank
G684	Tank sender for reducing agent, in reducing agent tank
G849	Reducing agent quality sensor, in reducing agent tank
J623	Engine/motor control unit, in E-box in engine compartment
T4d	4-pin connector, black
T5y	5-pin connector, black
T10f	10-pin connector, green, in E-box in engine compartment
T14g	14-pin connector, black, near container for additive
T17g	17-pin connector, black, in E-box in engine compartment
T94	94-pin connector, black
VX85	Reducing agent tank
V437	Pump for reducing agent, on reducing-agent tank
V561	Reducing agent return flow pump, on reducing-agent tank
Z102	Heater for reducing agent tank (heater circuit 1), in reducing agent tank
336	Earth connection 1, in floor wiring harness
B350	Positive connection 1 (87a) in main wiring harness
W67	Connection (87), in floor wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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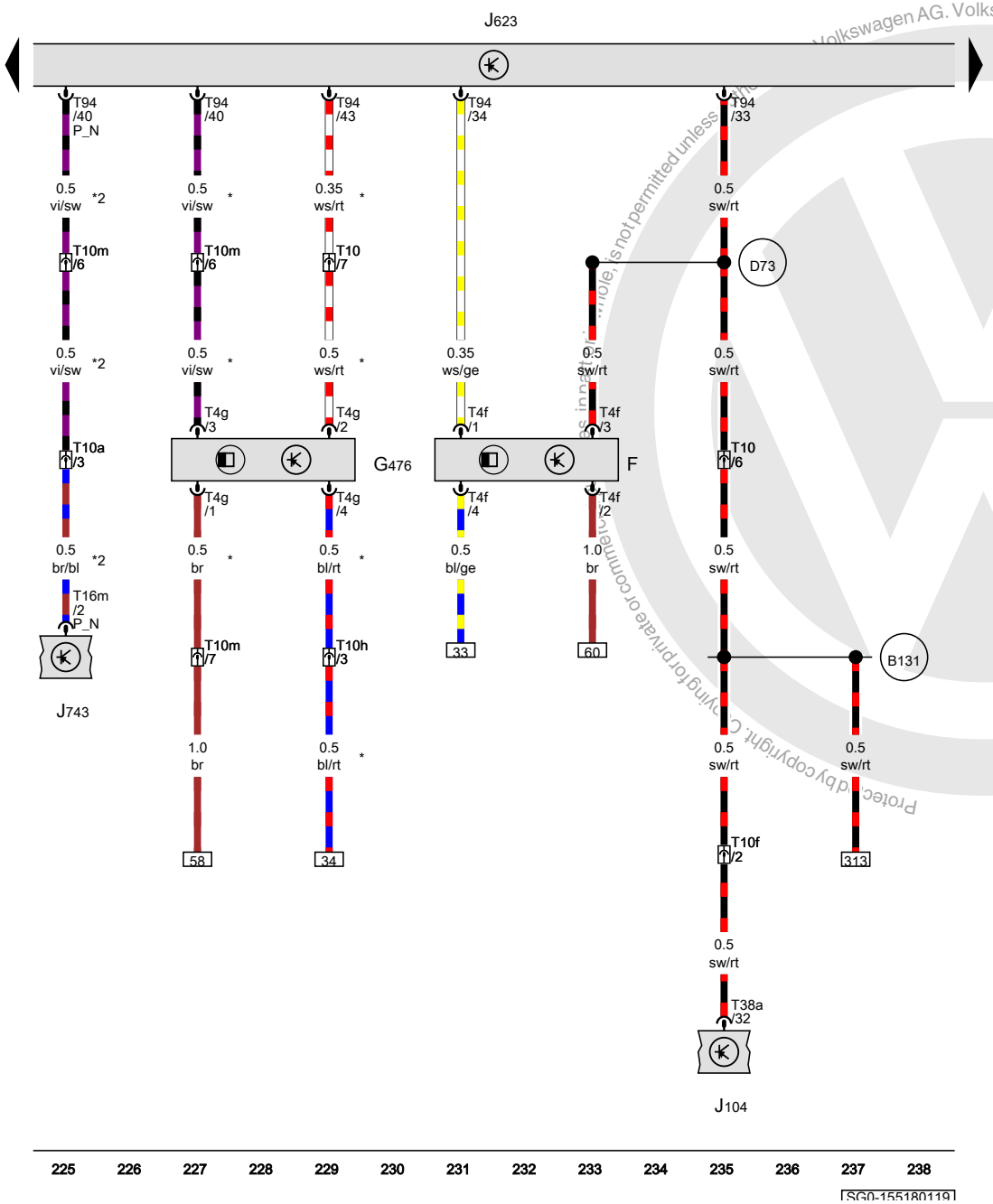
Brake light switch, Clutch position sender, Engine/motor control unit, Mechatronic unit for dual clutch gearbox



F	Brake light switch, on brake master cylinder
G476	Clutch position sender
J104	ABS control unit
J623	Engine/motor control unit, in E-box in engine compartment
J743	Mechatronic unit for dual clutch gearbox
T4f	4-pin connector, black
T4g	4-pin connector, black
T10	10-pin connector, black, in E-box in engine compartment
T10a	10-pin connector, brown, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T16m	16-pin connector, black
T38a	38-pin connector, black
T94	94-pin connector, black
B131	Connection (54), in interior wiring harness
D73	Positive connection (54), in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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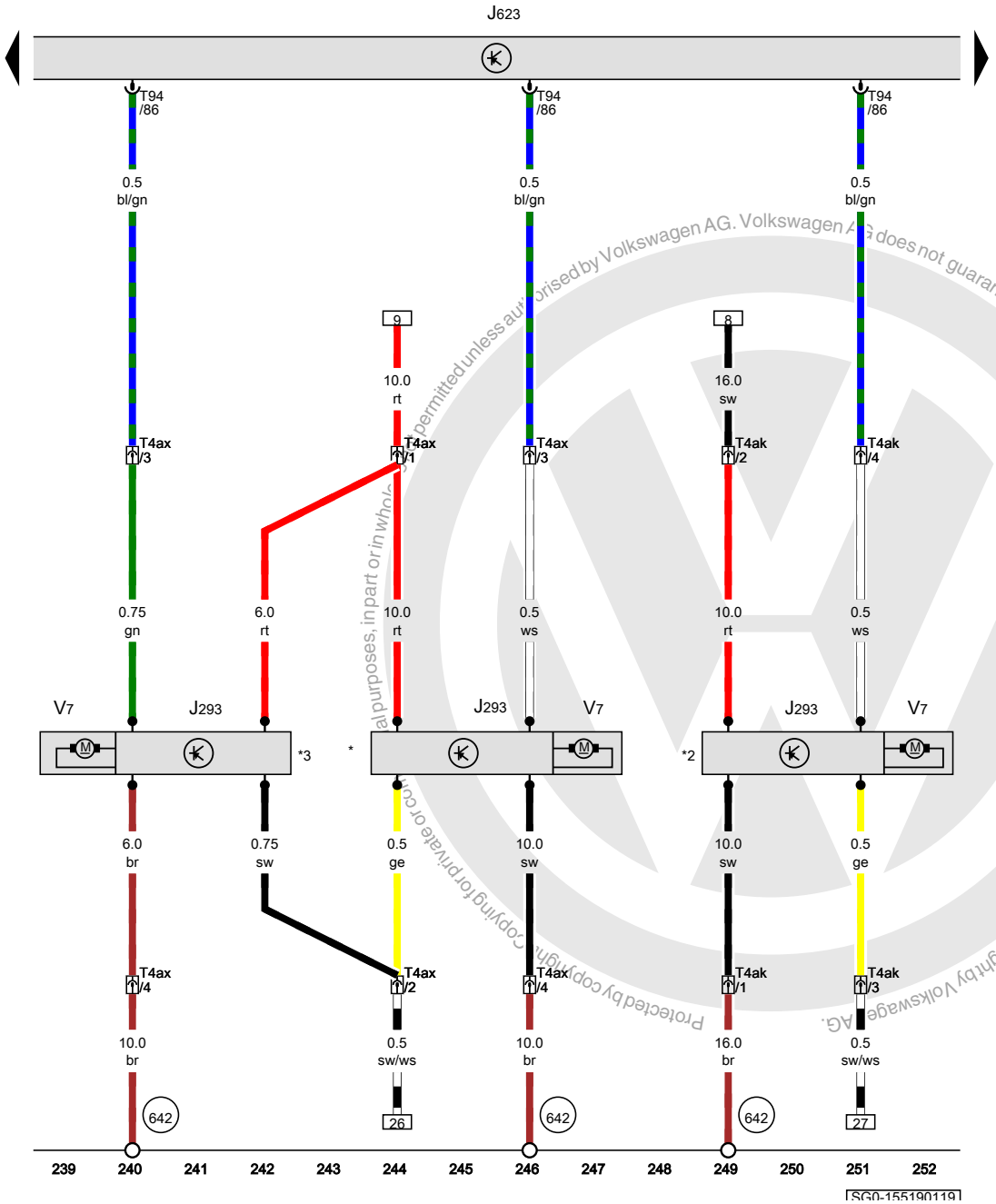

Radiator fan control unit, Engine/motor control unit

J293	Radiator fan control unit
J623	Engine/motor control unit, in E-box in engine compartment
T4ak	4-pin connector, black, near radiator fan
T4ax	4-pin connector, black, near radiator fan
T94	94-pin connector, black
V7	Radiator fan
642	Earth point for electronically controlled fan
*	For models with medium fan output
*2	For models with increased fan output
*3	For models with low fan output

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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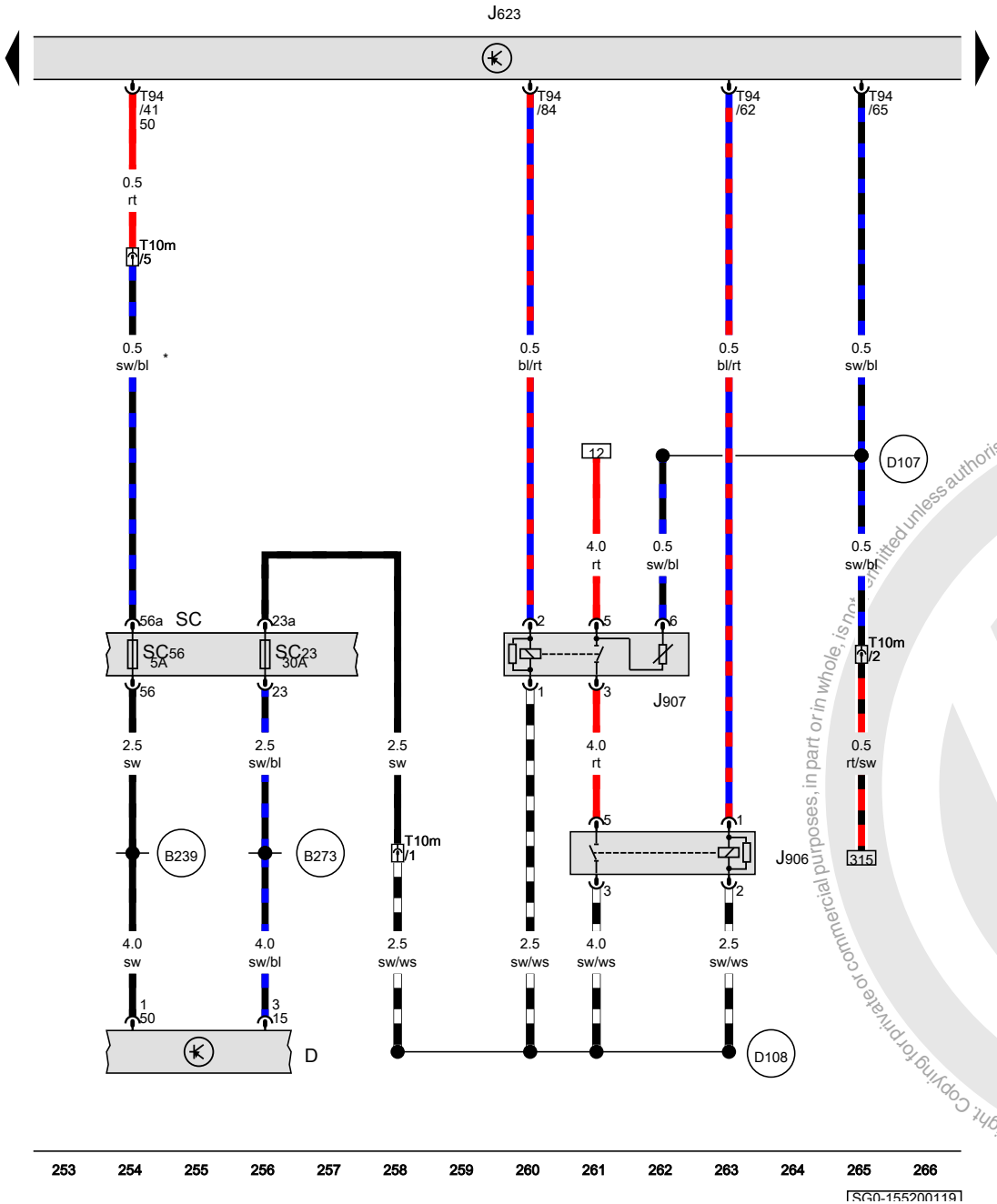
Ignition/starter switch, Engine/motor control unit, Fuse 23 on fuse holder C, Fuse 56 on fuse holder C



D	Ignition/starter switch
J623	Engine/motor control unit, in E-box in engine compartment
J906	Starter relay 1, in E-box in engine compartment
J907	Starter relay 2, in E-box in engine compartment
SC	Fuse holder C, in centre of dash panel
SC23	Fuse 23 on fuse holder C
SC56	Fuse 56 on fuse holder C
T10m	10-pin connector, light pink, in E-box in engine compartment
T94	94-pin connector, black
B239	Positive connection 1 (50), in interior wiring harness
B273	Positive connection (15), in main wiring harness
D107	Connection 5 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
*	For models with no electric interface

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
or	=	orange
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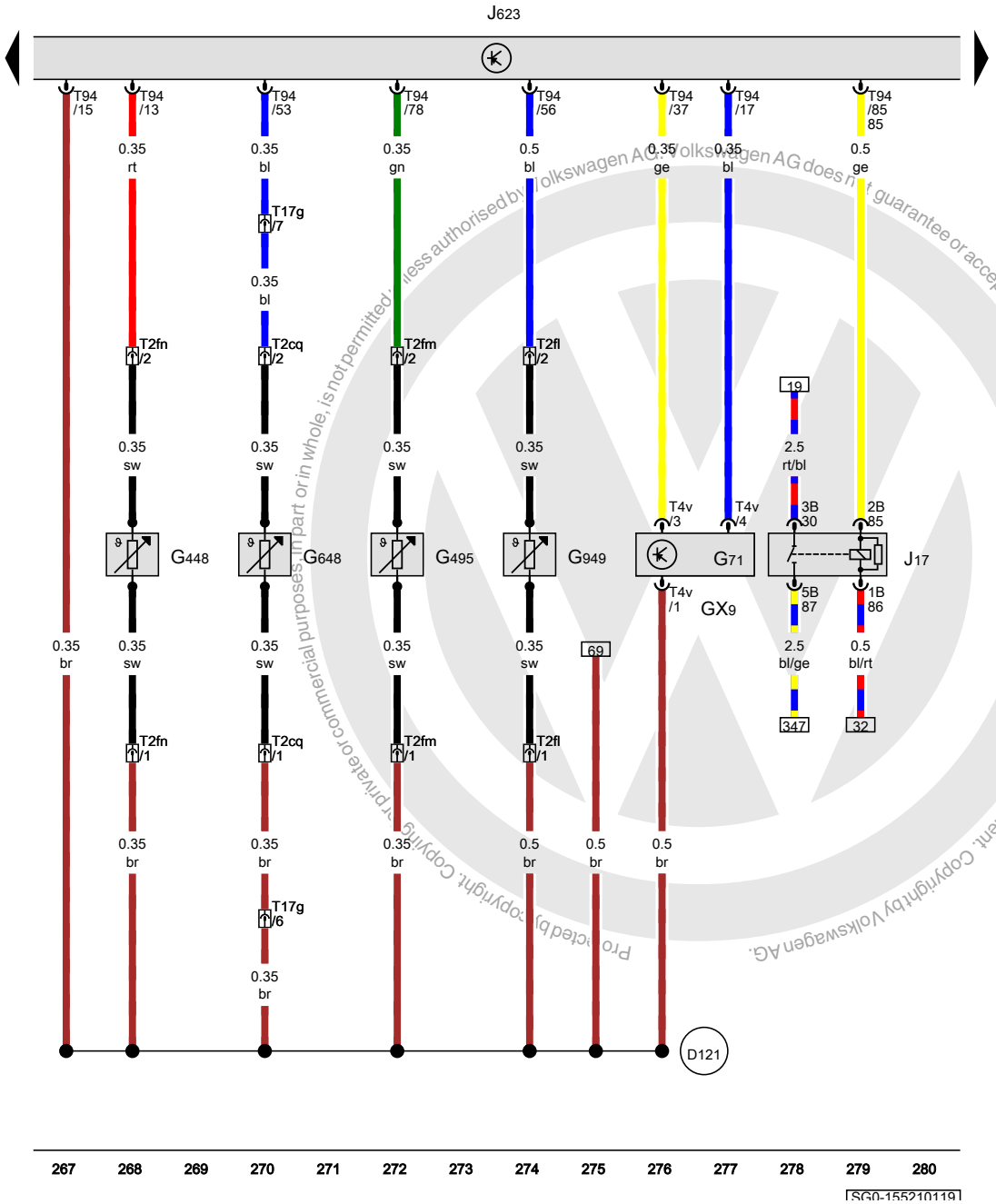

Intake manifold sender, Exhaust gas temperature sender 2, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Temperature sensor 3 for exhaust recirculation, Fuel pump relay, Engine/motor control unit

GX9	Intake manifold sender
G71	Intake manifold pressure sender
G448	Exhaust gas temperature sender 2
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
G949	Temperature sensor 3 for exhaust recirculation
J17	Fuel pump relay, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
T2cq	2-pin connector, light brown, on underbody, near cross panel
T2fl	2-pin connector, light brown, on underbody, near cross panel
T2fm	2-pin connector, brown, on underbody, near cross panel
T2fn	2-pin connector, black, on right in engine compartment
T4v	4-pin connector, black
T17g	17-pin connector, black, in E-box in engine compartment
T94	94-pin connector, black
D121	Connection 19 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
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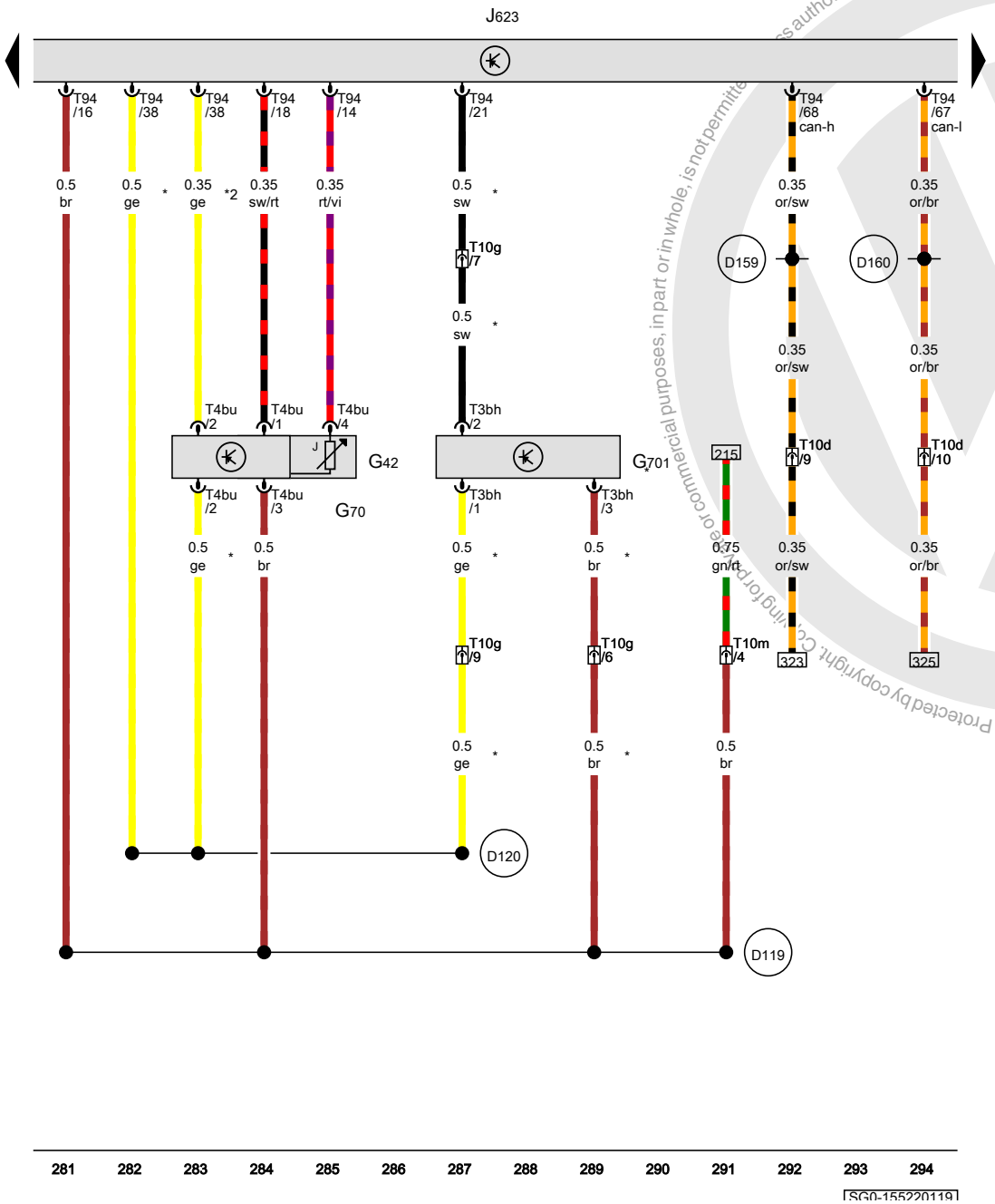

Intake air temperature sender, Air mass meter, Gearbox neutral position sender, Engine/motor control unit

G42	Intake air temperature sender
G70	Air mass meter
G701	Gearbox neutral position sender
J623	Engine/motor control unit, in E-box in engine compartment
T3bh	3-pin connector, black
T4bu	4-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T94	94-pin connector, black
D119	Connection 17 in engine compartment wiring harness
D120	Connection 18 in engine compartment wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink

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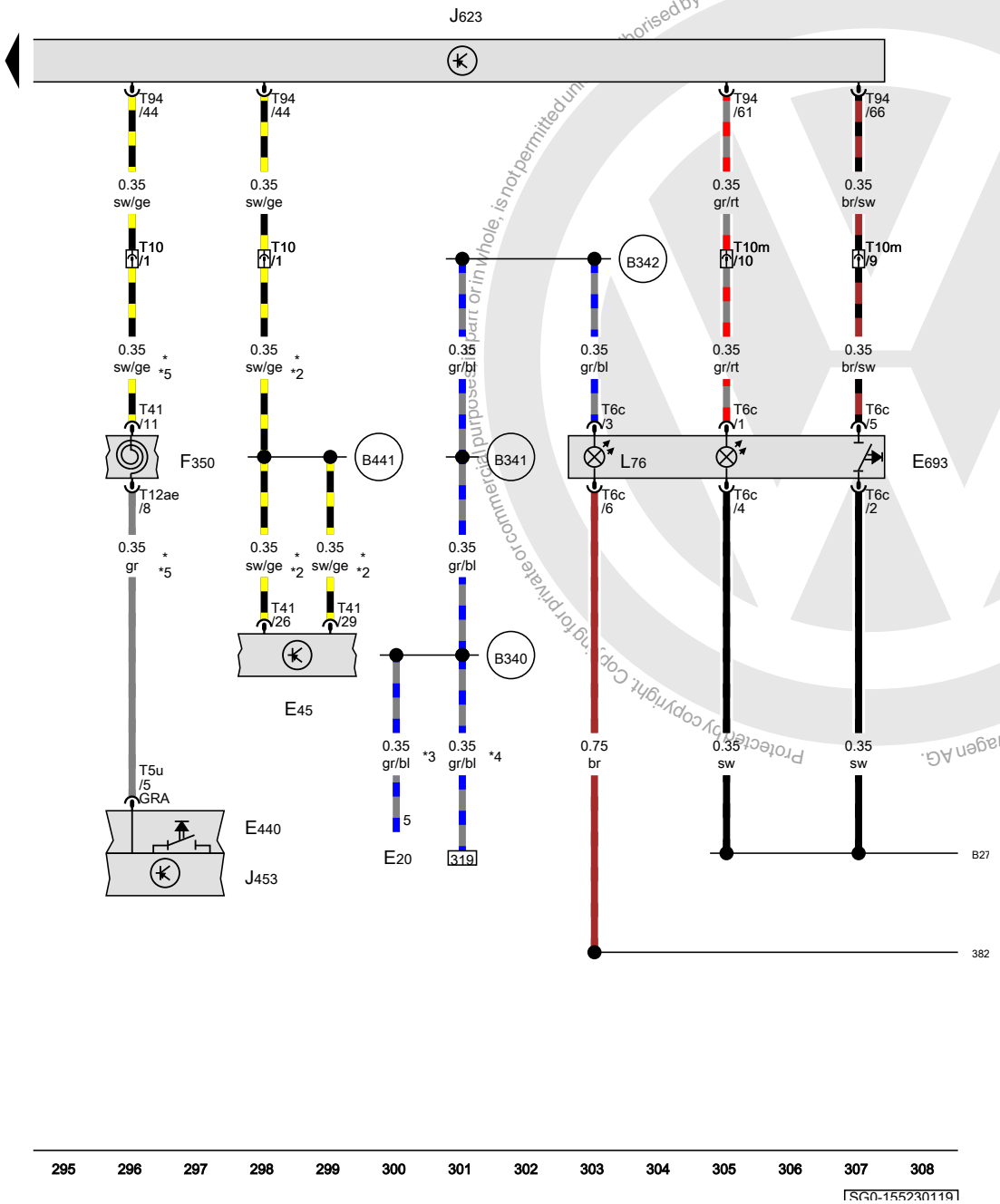

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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Cruise control system switch, Multifunction buttons on left in steering wheel, Start/Stop operation button, Coil connector, Engine/motor control unit

E20	Switch and instrument illumination regulator
E45	Cruise control system switch
E440	Multifunction buttons on left in steering wheel
E693	Start/Stop operation button
F350	Coil connector, in steering wheel
J453	Multifunction steering wheel control unit
J623	Engine/motor control unit, in E-box in engine compartment
L76	Button illumination bulb
T5u	5-pin connector, black
T6c	6-pin connector, white
T10	10-pin connector, black, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T12ae	12-pin connector, yellow
T41	41-pin connector, grey
T94	94-pin connector, black
382	Earth connection 17, in main wiring harness
B277	Positive connection 1 (15a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B342	Connection 3 (58d), in main wiring harness
B441	Connection (CCS), in main wiring harness
*	For models with cruise control system
*2	For models with no multifunction steering wheel
*3	For models with dimmable instrument illumination
*4	For models with no dimmable instrument illumination
*5	For models with multifunction steering wheel

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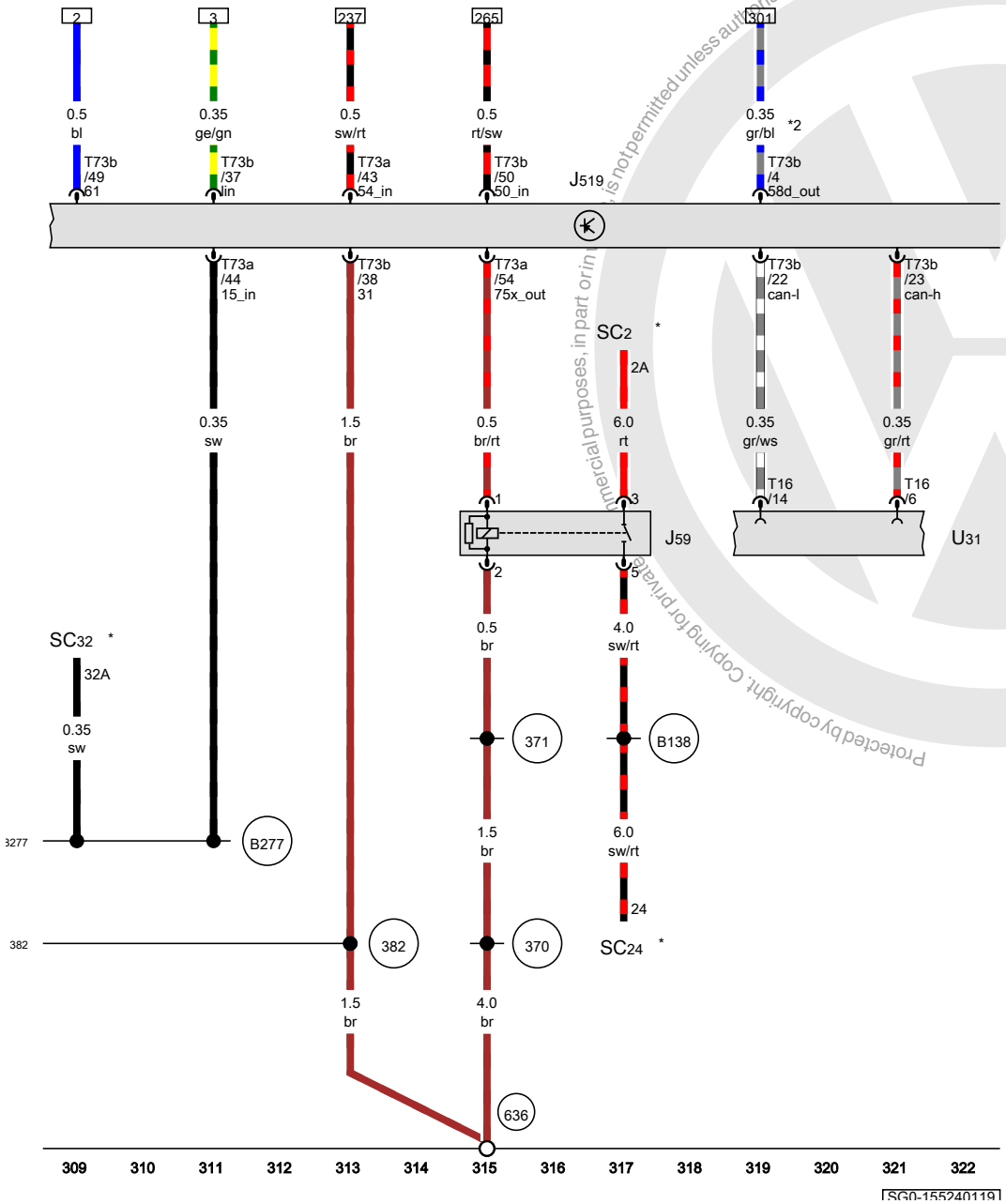
X-contact relief relay, Onboard supply control unit, Fuse 2 on fuse holder C, Fuse 24 on fuse holder C, Fuse 32 on fuse holder C, Diagnostic connection



J59	X-contact relief relay
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
SC24	Fuse 24 on fuse holder C, in centre of dash panel
SC32	Fuse 32 on fuse holder C
T16	16-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
U31	Diagnostic connection
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
382	Earth connection 17, in main wiring harness
636	Earth point, onboard supply control unit
B138	Positive connection (X), in interior wiring harness
B277	Positive connection 1 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
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rs	=	pink

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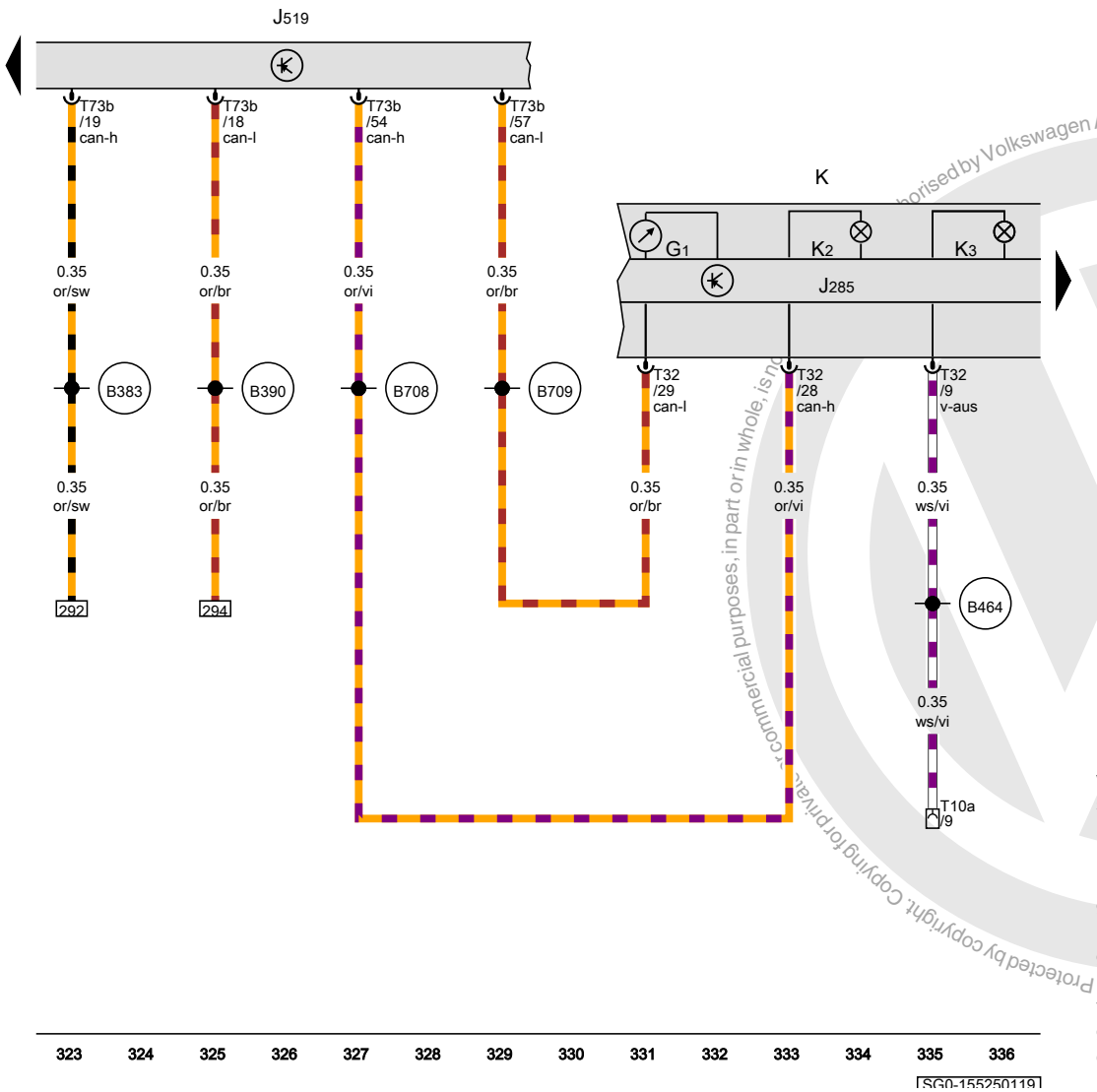
Fuel gauge, Onboard supply control unit, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp

G1	Fuel gauge
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
T10a	10-pin connector, brown, in E-box in engine compartment
T32	32-pin connector, blue
T73b	73-pin connector, white
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B464	Connection (speed signal), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness



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br	=	brown
gn	=	green
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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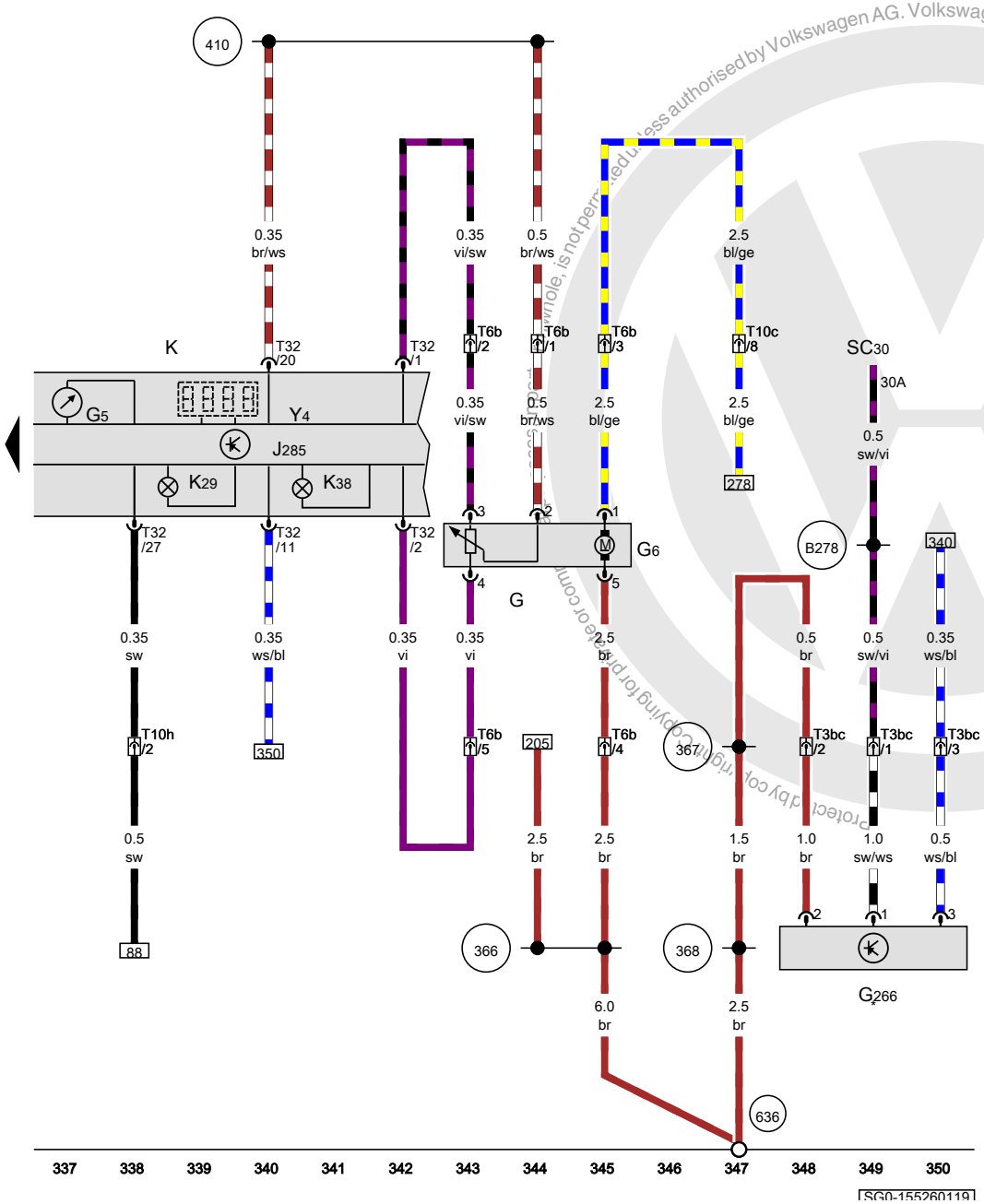
Fuel gauge sender, Rev. counter, Fuel system pressurisation pump, Oil level and oil temperature sender, Dash panel insert, Glow period warning lamp, Oil level warning lamp



G	Fuel gauge sender
G5	Rev. counter
G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K	Dash panel insert
K29	Glow period warning lamp
K38	Oil level warning lamp
SC30	Fuse 30 on fuse holder C
T3bc	3-pin connector, black, on underbody, near cross panel
T6b	6-pin connector, black, on fuel tank
T10c	10-pin connector, yellow, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T32	32-pin connector, blue
Y4	Trip counter
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
410	Earth connection 1 (sender earth) in main wiring harness
636	Earth point, onboard supply control unit
B278	Positive connection 2 (15a) in main wiring harness
*	For models with extended service intervals (ESI)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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2.0l diesel engine , CAAB,CAAC,(7L3)

From August 2018

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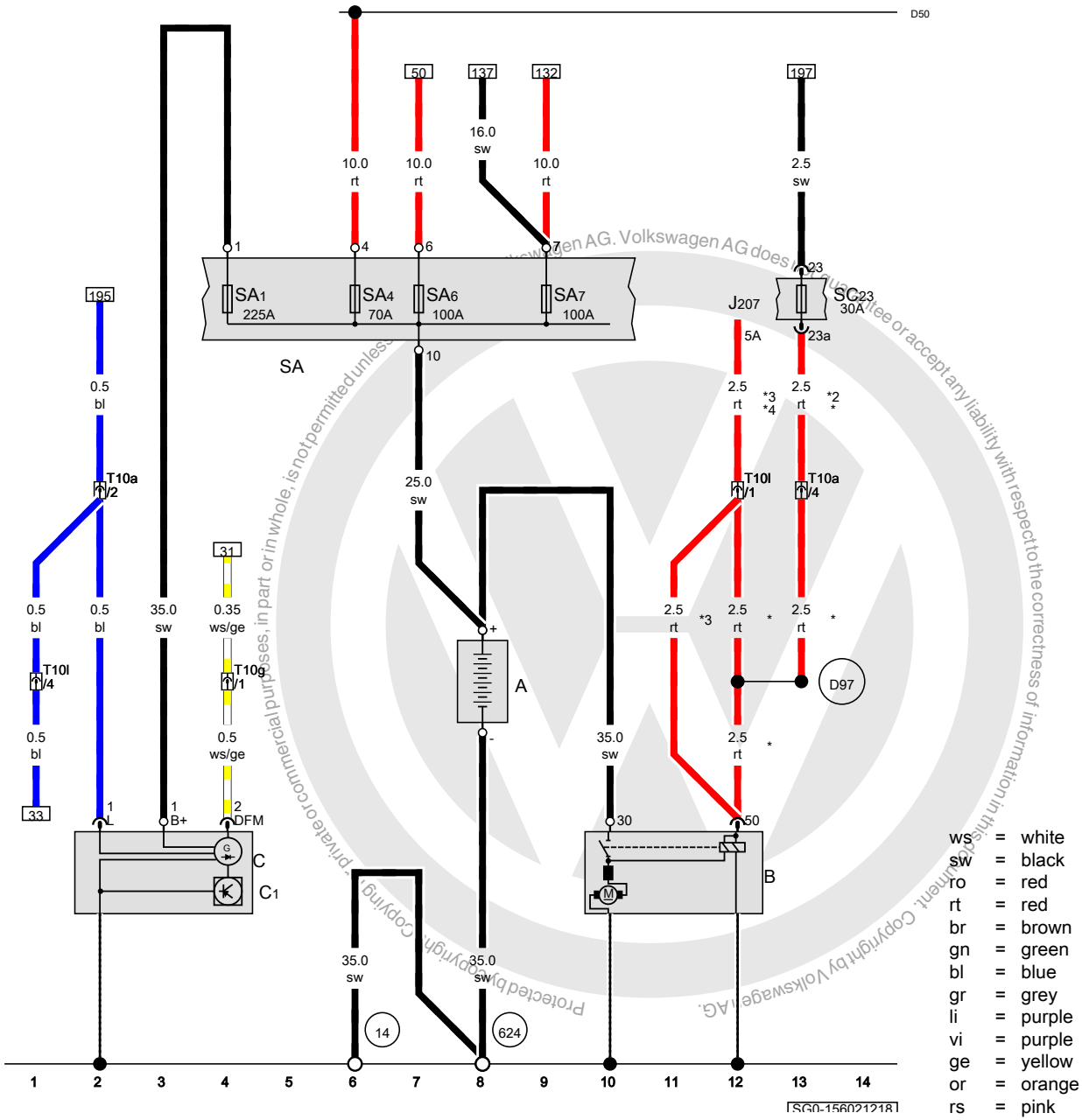
Battery, Starter, Alternator, Voltage regulator, Fuse 23 on fuse holder C



A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J207	Starter inhibitor relay, in E-box in engine compartment
SA	Fuse holder A, in E-box in engine compartment
SA1	Fuse 1 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SC23	Fuse 23 on fuse holder C
T10a	10-pin connector, brown, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
14	Earth point, on gearbox
624	Earth point, starter battery
D50	Positive connection (30), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
*	For models with manual gearbox
*2	For models with no electric interface
*3	For models with dual clutch gearbox (DSG)
*4	For models with electric interface for external use

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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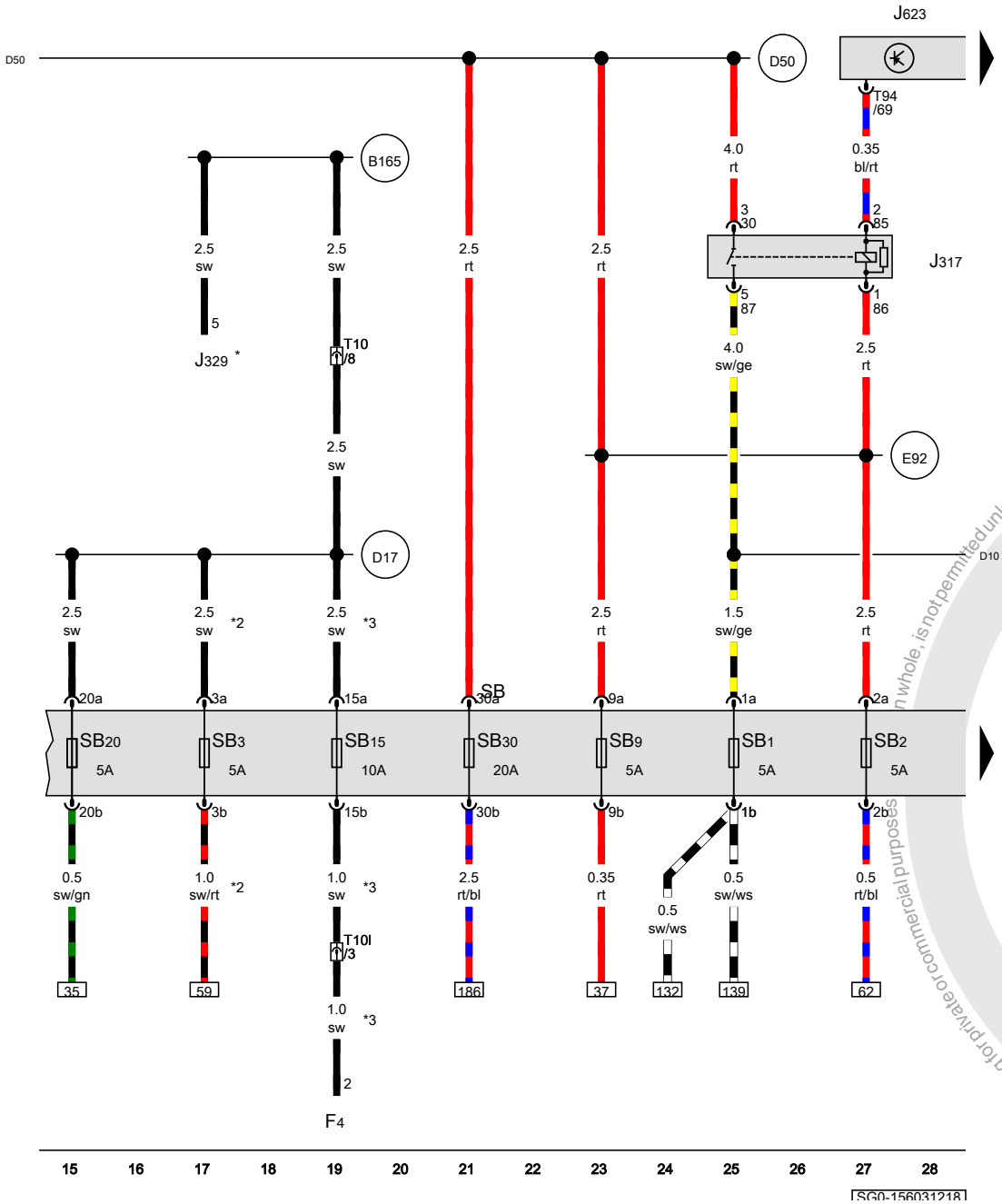

Terminal 30 voltage supply relay, Engine/motor control unit, Fuse holder B

F4	Reversing light switch
J317	Terminal 30 voltage supply relay, in E-box in engine compartment
J329	Terminal 15 voltage supply relay
J623	Engine/motor control unit, in E-box in engine compartment
SB	Fuse holder B, in E-box in engine compartment
SB1	Fuse 1 on fuse holder B
SB2	Fuse 2 on fuse holder B
SB3	Fuse 3 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB30	Fuse 30 on fuse holder B
T10	10-pin connector, black, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T94	94-pin connector, black
B165	Positive connection 2 (15), in interior wiring harness
D17	Positive connection 1 (15), in engine harness
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with crankcase breather heater element
*3	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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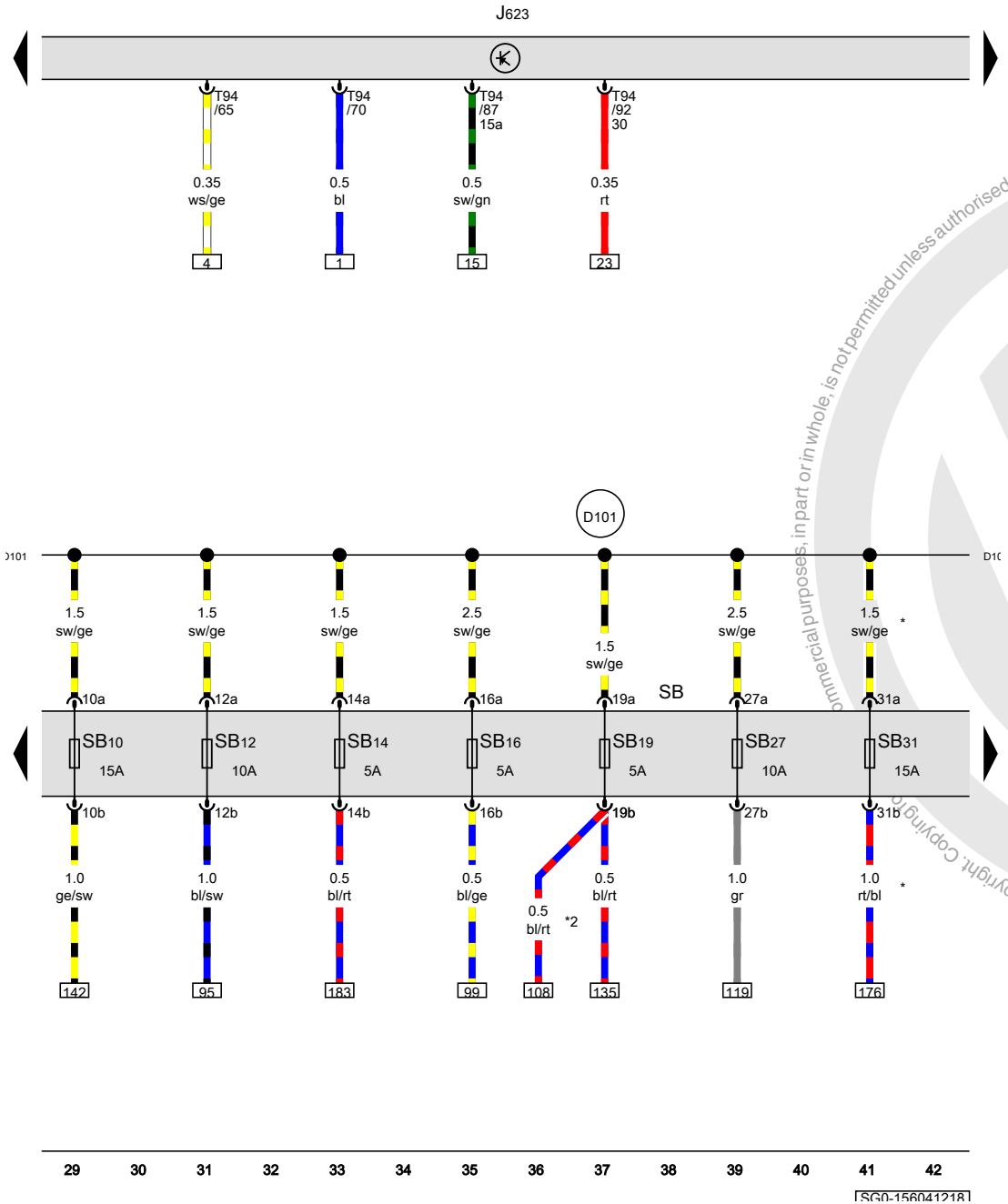

Engine/motor control unit, Fuse holder B

J623	Engine/motor control unit, in E-box in engine compartment
SB	Fuse holder B, in E-box in engine compartment
SB10	Fuse 10 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB19	Fuse 19 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB31	Fuse 31 on fuse holder B
T94	94-pin connector, black
D101	Connection 1 in engine compartment wiring harness
*	For models with diesel particulate filter
*2	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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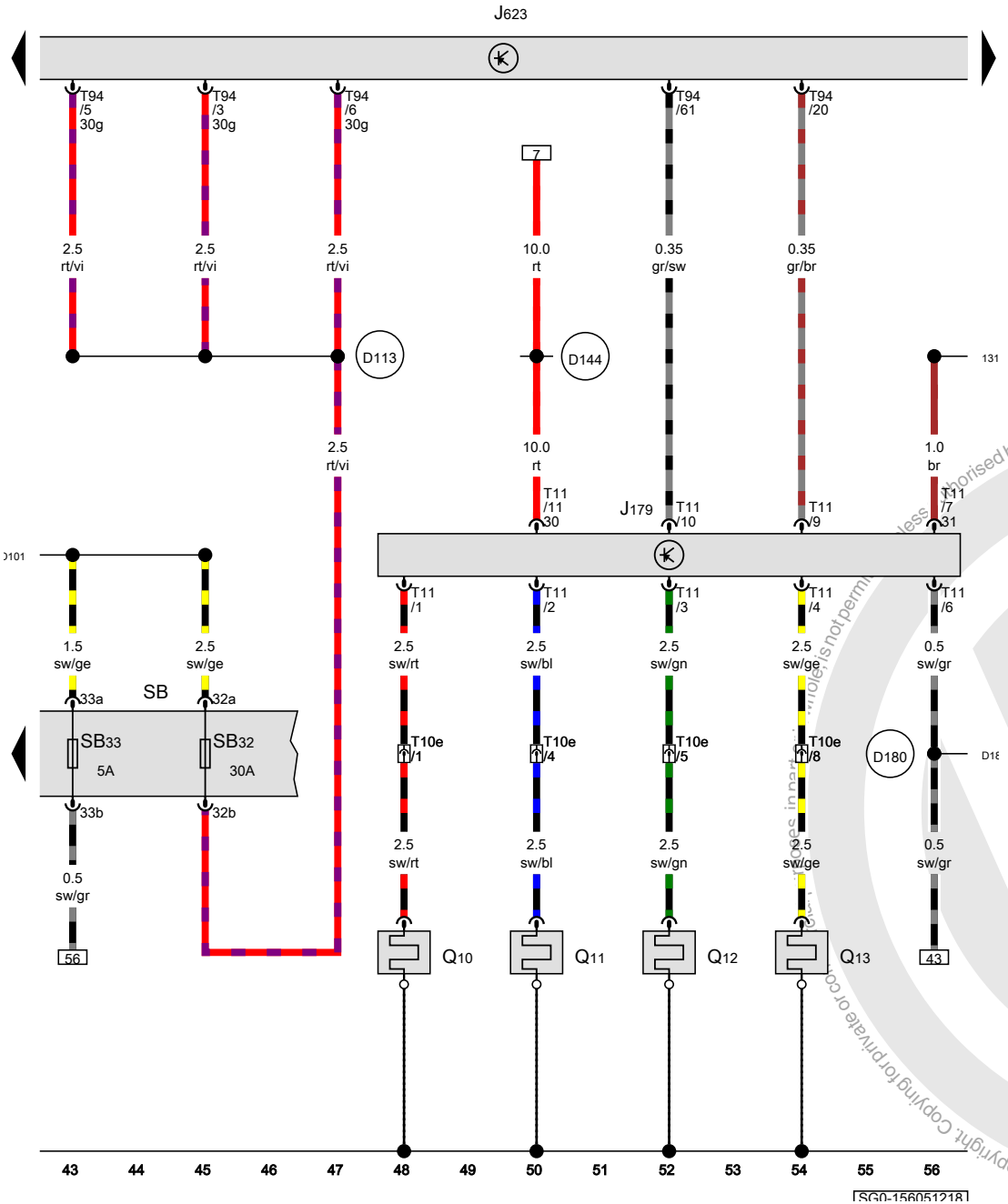

Automatic glow period control unit, Engine/motor control unit, Fuse holder B

J179	Automatic glow period control unit, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
SB	Fuse holder B, in E-box in engine compartment
SB32	Fuse 32 on fuse holder B
SB33	Fuse 33 on fuse holder B
T10e	10-pin connector, white, in E-box in engine compartment
T11	11-pin connector, black
T94	94-pin connector, black
131	Earth connection 2, in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness
D144	Positive connection 5 (30), in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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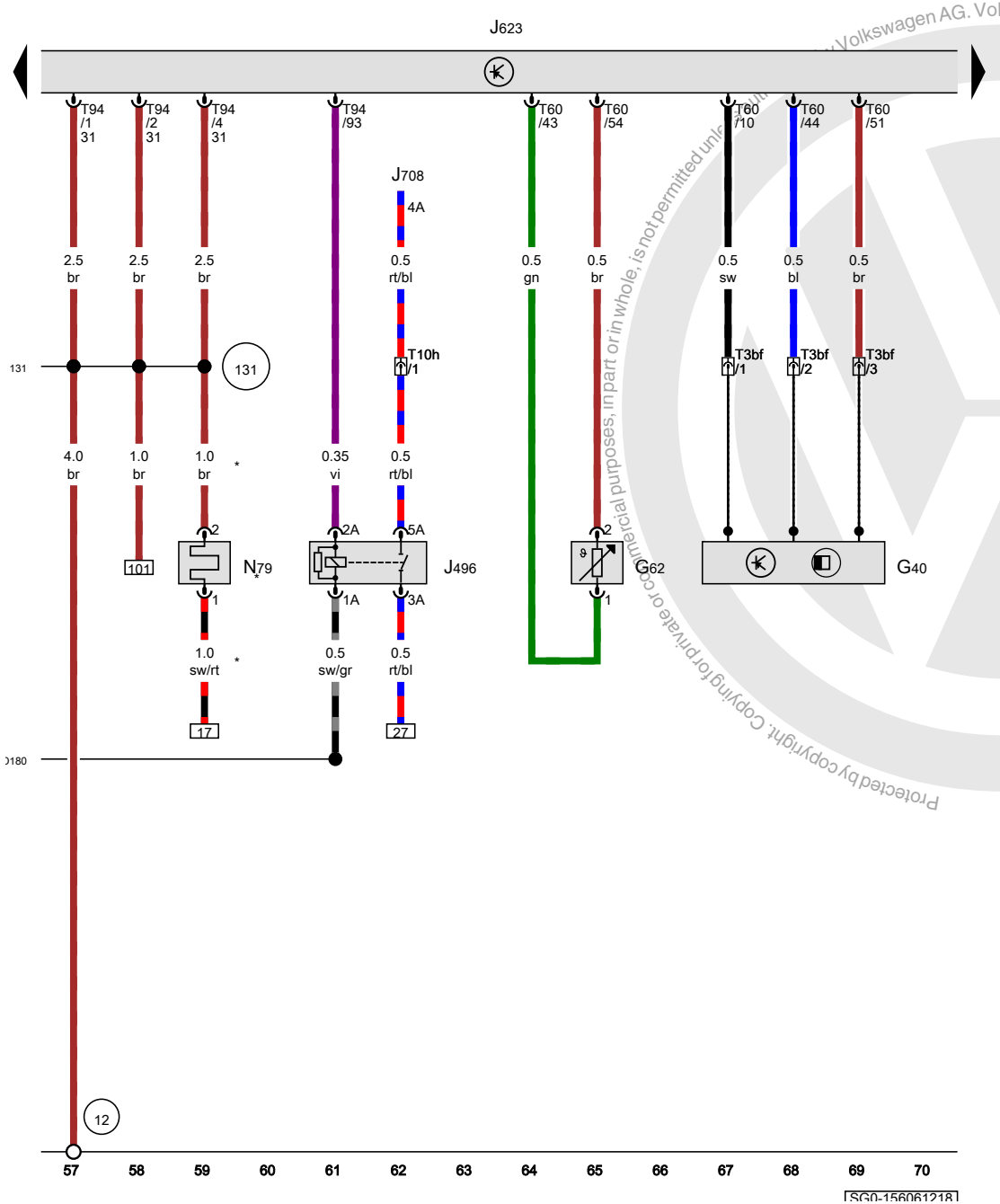

Hall sender, Coolant temperature sender, Additional coolant pump relay, Engine/motor control unit, Heater element for crankcase breather

G40	Hall sender
G62	Coolant temperature sender
J496	Additional coolant pump relay, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
J708	Residual heat relay
N79	Heater element for crankcase breather
T3bf	3-pin connector, black, near alternator
T10h	10-pin connector, orange, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
*	For models with crankcase breather heater element

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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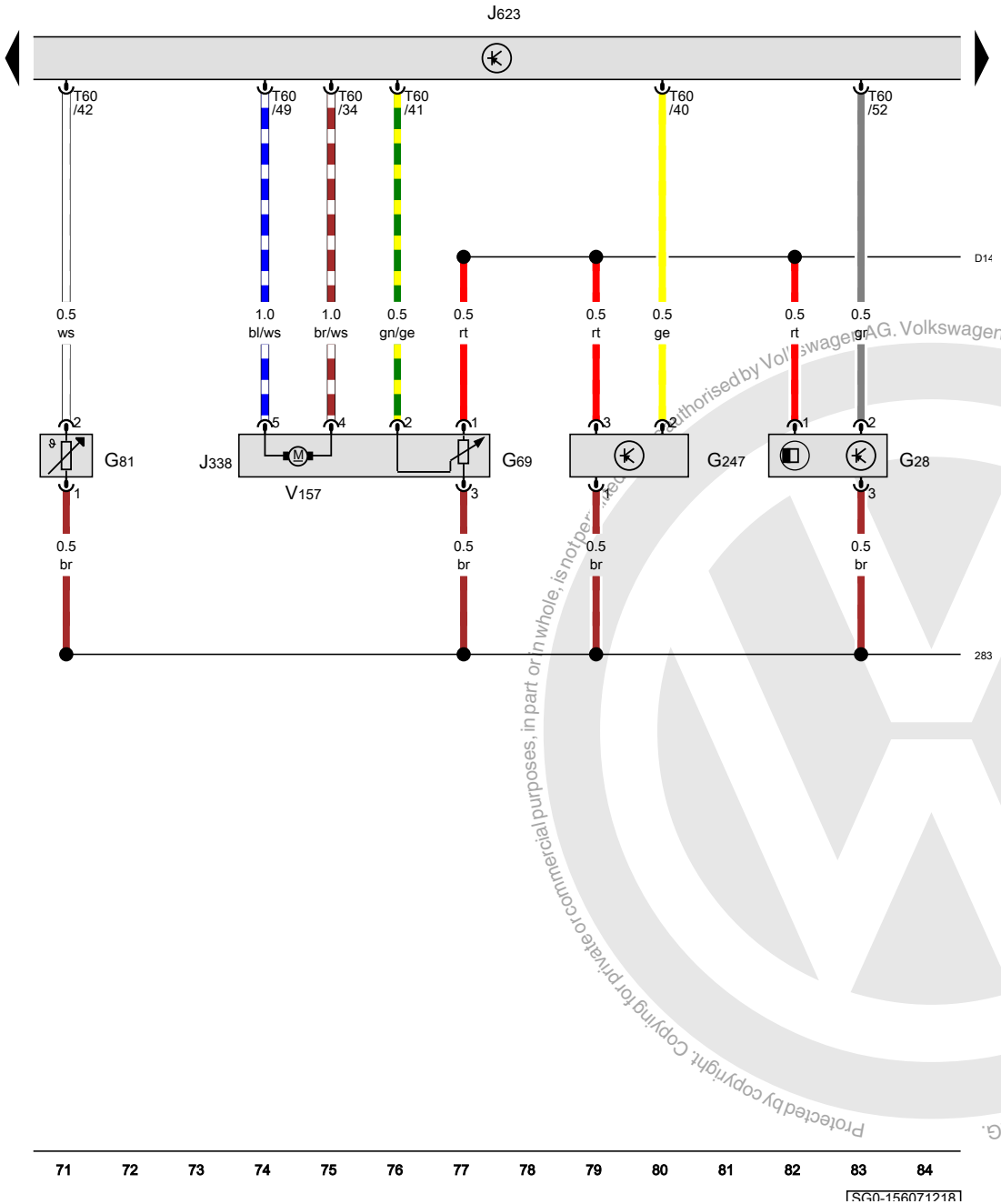
Engine speed sender, Throttle valve potentiometer, Fuel temperature sender, Fuel pressure sender, Throttle valve module, Engine/motor control unit, Intake manifold flap motor



G28	Engine speed sender
G69	Throttle valve potentiometer
G81	Fuel temperature sender
G247	Fuel pressure sender
J338	Throttle valve module
J623	Engine/motor control unit, in E-box in engine compartment
T60	60-pin connector, black
V157	Intake manifold flap motor
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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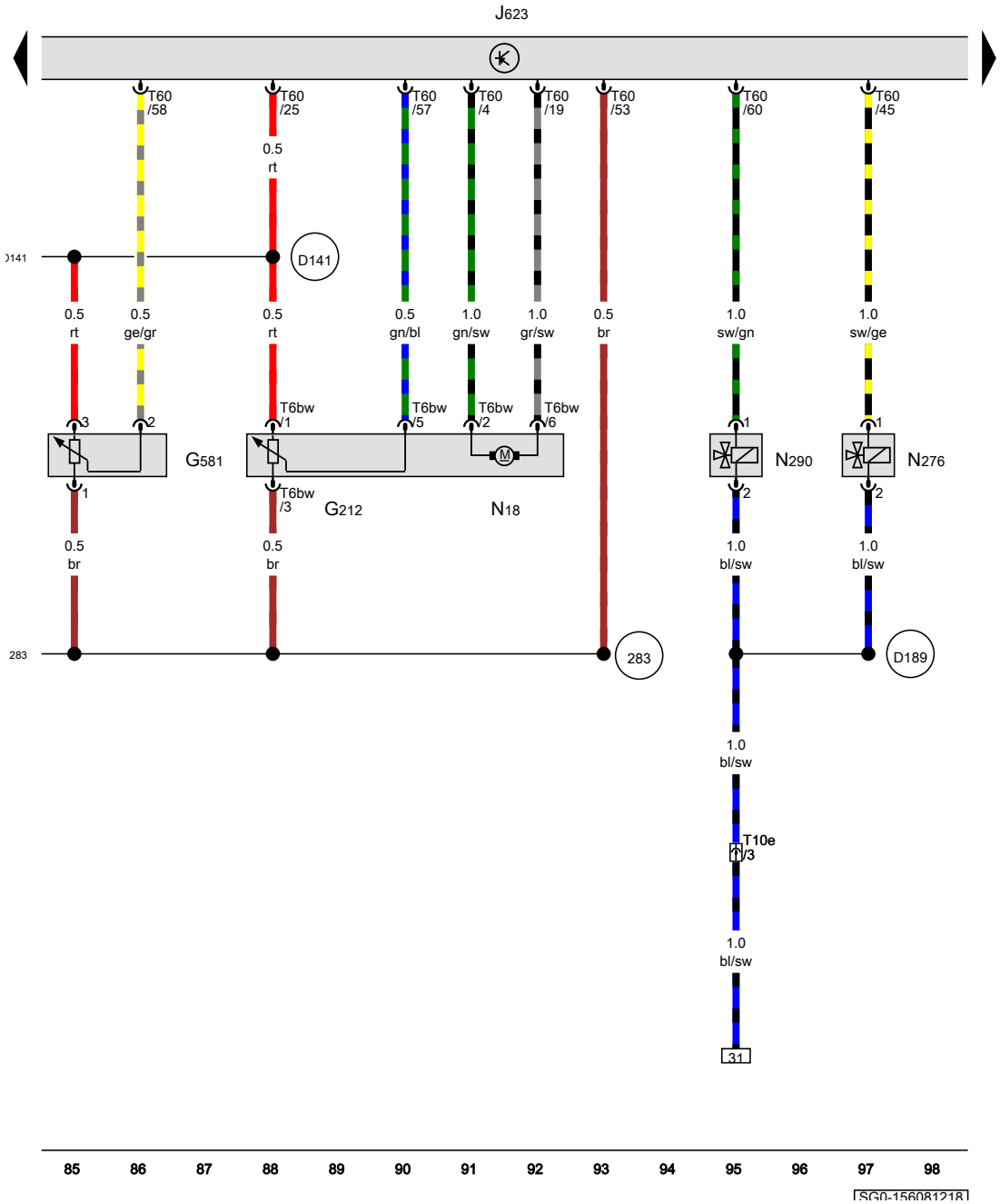

Exhaust gas recirculation potentiometer, Position sender for charge pressure positioner, Engine/motor control unit, Exhaust gas recirculation valve, Fuel pressure regulating valve, Fuel metering valve

G212	Exhaust gas recirculation potentiometer
G581	Position sender for charge pressure positioner
J623	Engine/motor control unit, in E-box in engine compartment
N18	Exhaust gas recirculation valve
N276	Fuel pressure regulating valve
N290	Fuel metering valve
T6bw	6-pin connector, grey
T10e	10-pin connector, white, in E-box in engine compartment
T60	60-pin connector, black
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness
D189	Connection (87a) in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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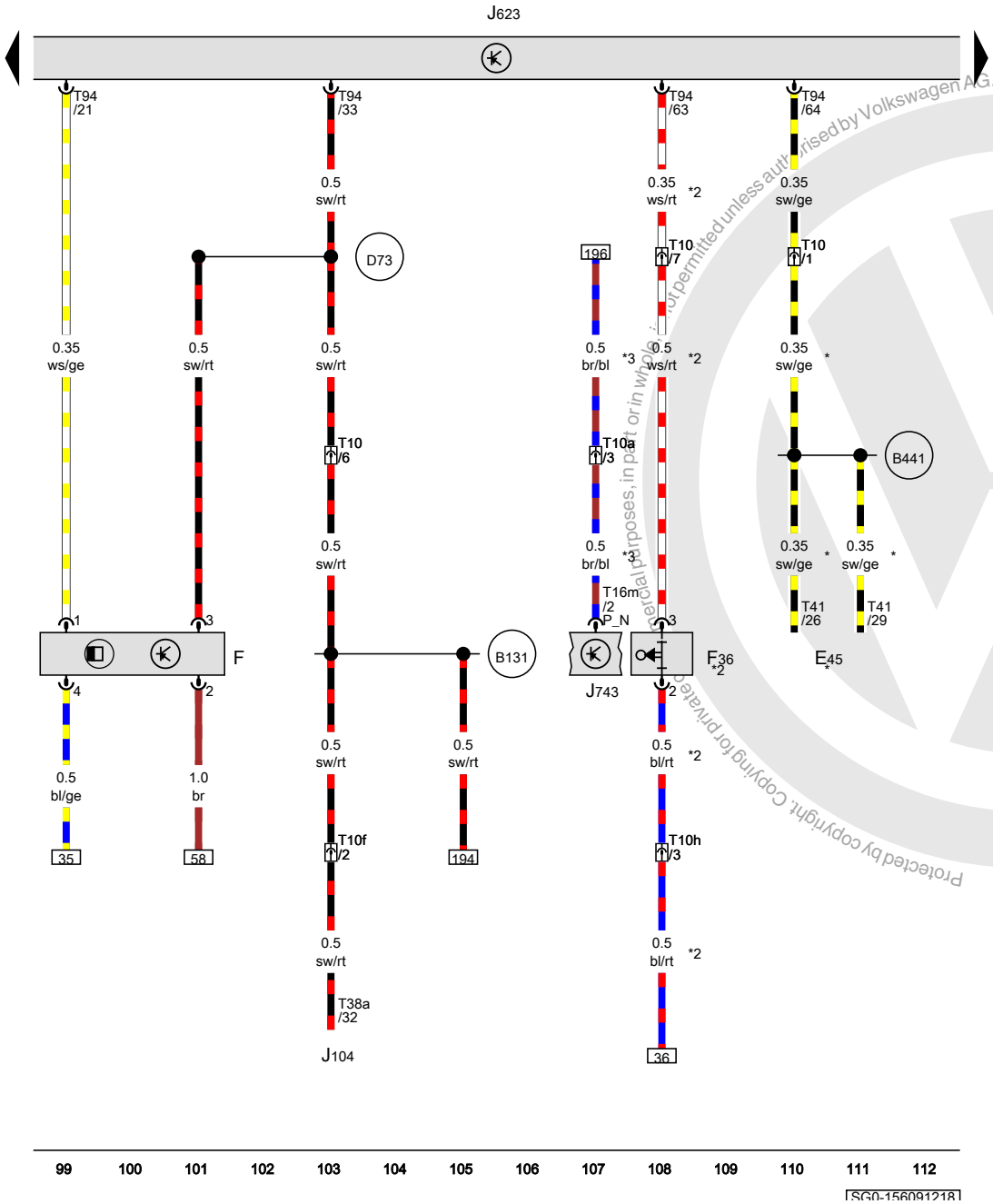

Cruise control system switch, Brake light switch, Clutch pedal switch, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

E45	Cruise control system switch
F	Brake light switch, on brake master cylinder
F36	Clutch pedal switch
J104	ABS control unit
J623	Engine/motor control unit, in E-box in engine compartment
J743	Mechatronic unit for dual clutch gearbox
T10	10-pin connector, black, in E-box in engine compartment
T10a	10-pin connector, brown, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T16m	16-pin connector, black, on electronic gearbox control unit
T38a	38-pin connector, brown
T41	41-pin connector, grey
T94	94-pin connector, black
B131	Connection (54), in interior wiring harness
B441	Connection (CCS), in main wiring harness
D73	Positive connection (54), in engine compartment wiring harness
*	For models with cruise control system (CCS)
*2	For models with manual gearbox
*3	For models with dual clutch gearbox (DSG)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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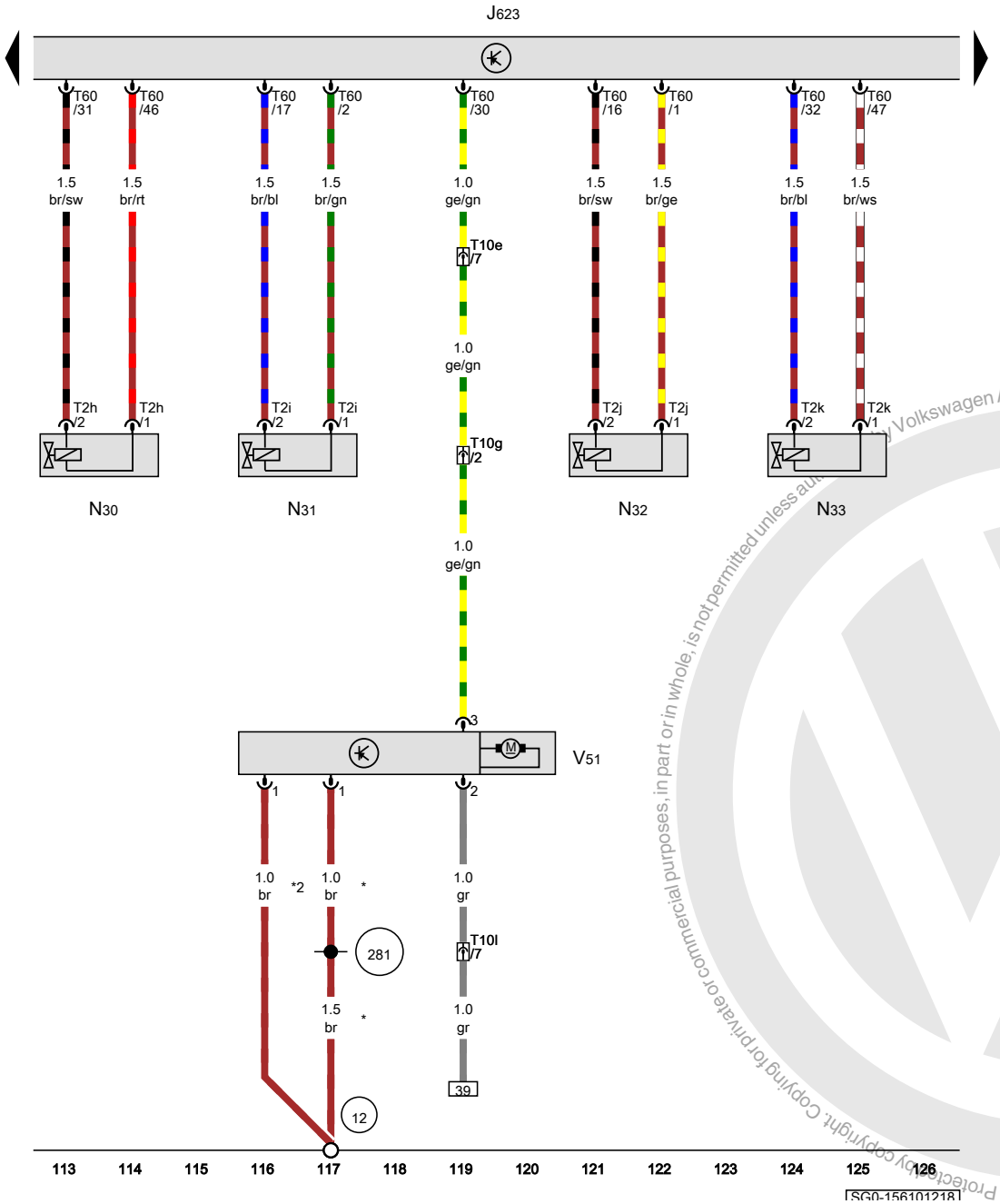
Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Continued coolant circulation pump



J623	Engine/motor control unit, in E-box in engine compartment
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2h	2-pin connector, black
T2i	2-pin connector, black
T2j	2-pin connector, black
T2k	2-pin connector, black
T10e	10-pin connector, white, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T60	60-pin connector, black
V51	Continued coolant circulation pump
(12)	Earth point, on left in engine compartment
(281)	Earth point 1, engine prewiring harness
*	For models with dual clutch gearbox (DSG)
*2	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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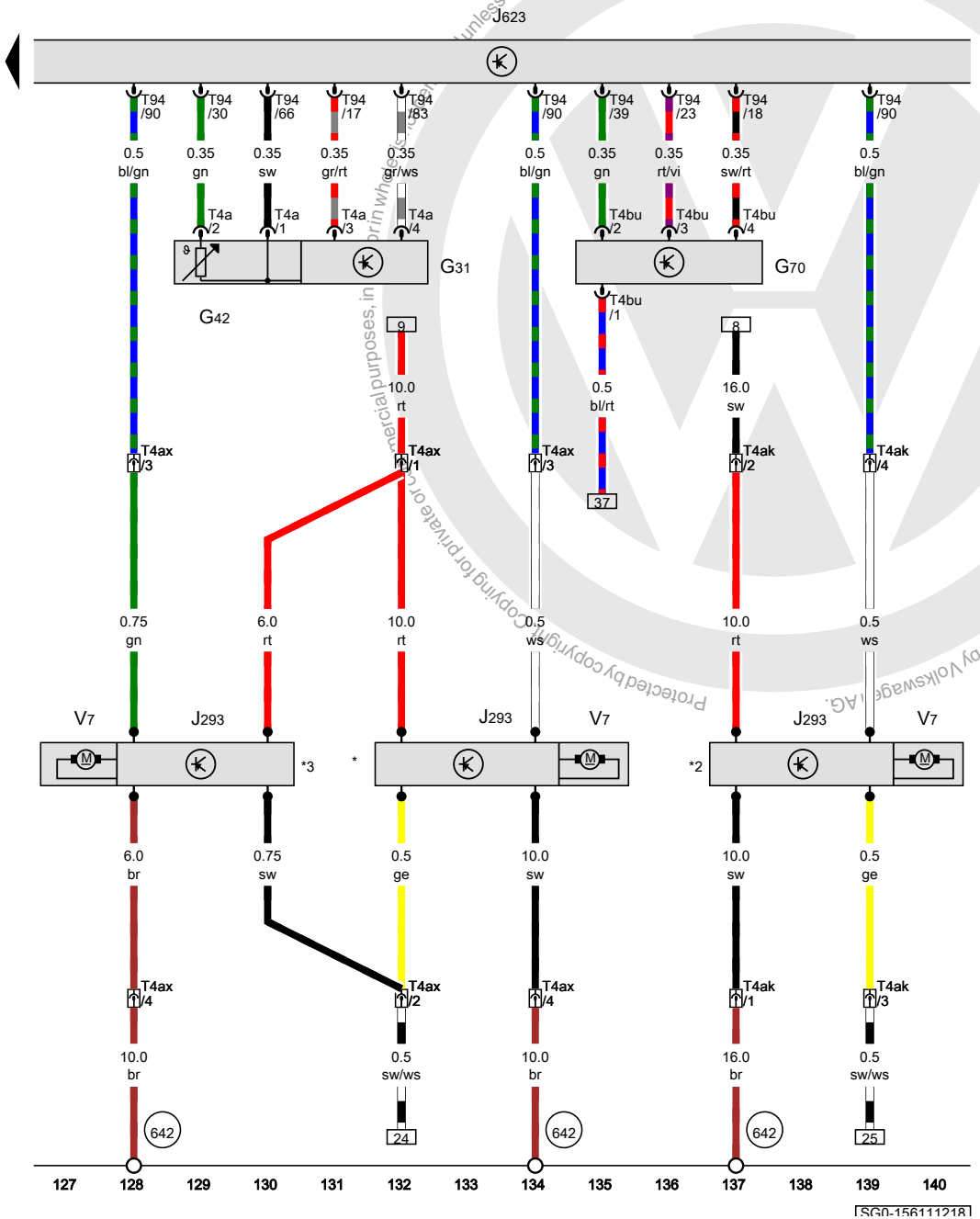
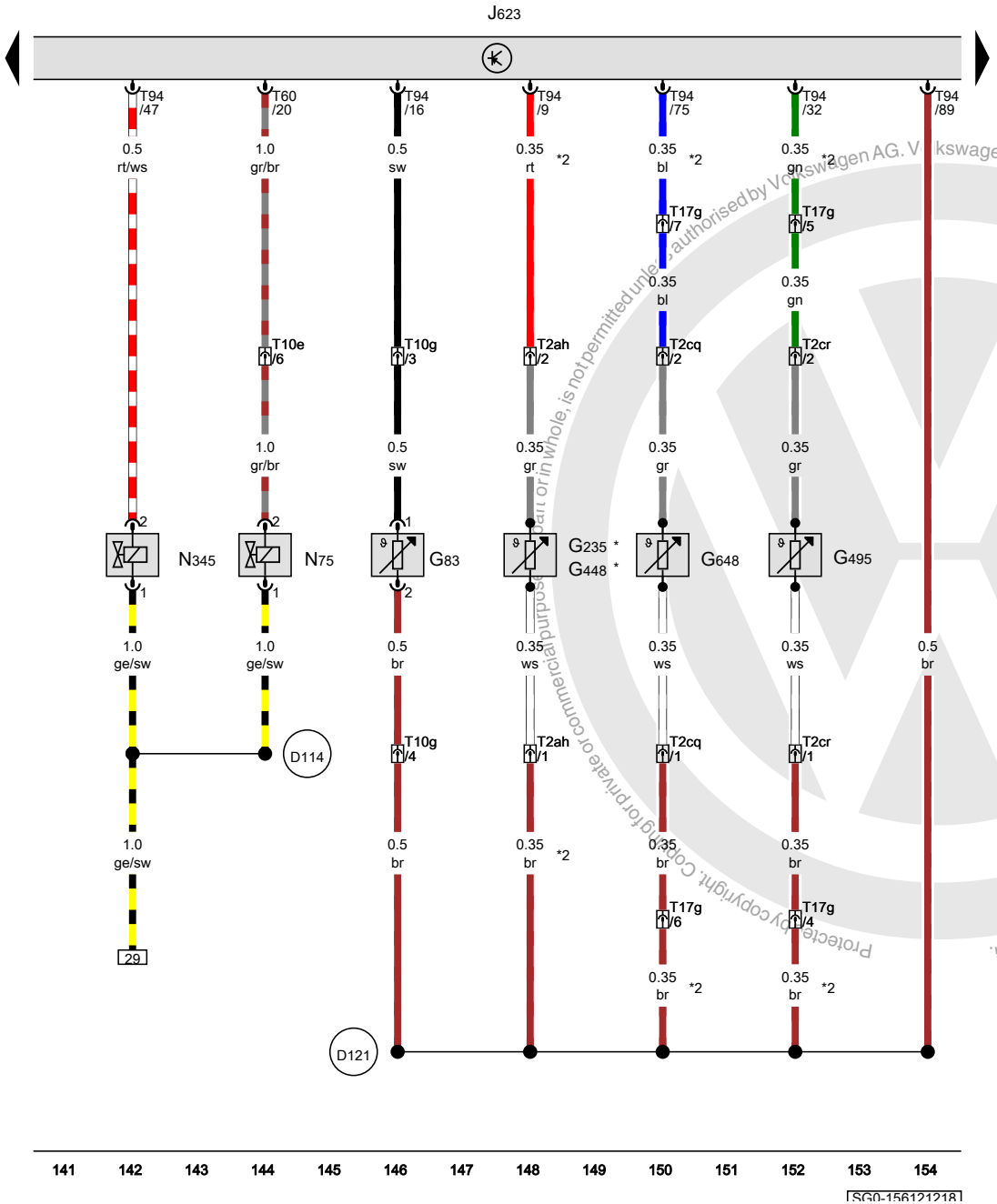


Charge pressure sender, Intake air temperature sender, Air mass meter, Radiator fan control unit, Engine/motor control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G70	Air mass meter
J293	Radiator fan control unit
J623	Engine/motor control unit, in E-box in engine compartment
T4a	4-pin connector, black
T4ak	4-pin connector, black, near radiator fan
T4ax	4-pin connector, black, near radiator fan
T4bu	4-pin connector, black
T94	94-pin connector, black
V7	Radiator fan
642	Earth point for electronically controlled fan
*	For models with medium fan output
*2	For models with increased fan output
*3	For models with low fan output

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 2, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine/motor control unit, Charge pressure control solenoid valve, Exhaust gas recirculation cooler changeover valve

G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G448	Exhaust gas temperature sender 2
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine/motor control unit, in E-box in engine compartment
N75	Charge pressure control solenoid valve
N345	Exhaust gas recirculation cooler changeover valve
T2ah	2-pin connector, black, on right in engine compartment
T2cq	2-pin connector, light brown, on underbody, near cross panel
T2cr	2-pin connector, brown, on underbody, near cross panel
T10e	10-pin connector, white, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T17g	17-pin connector, black, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
D114	Connection 12 in engine compartment wiring harness
D121	Connection 19 in engine compartment wiring harness
*	According to equipment
*2	For models with diesel particulate filter

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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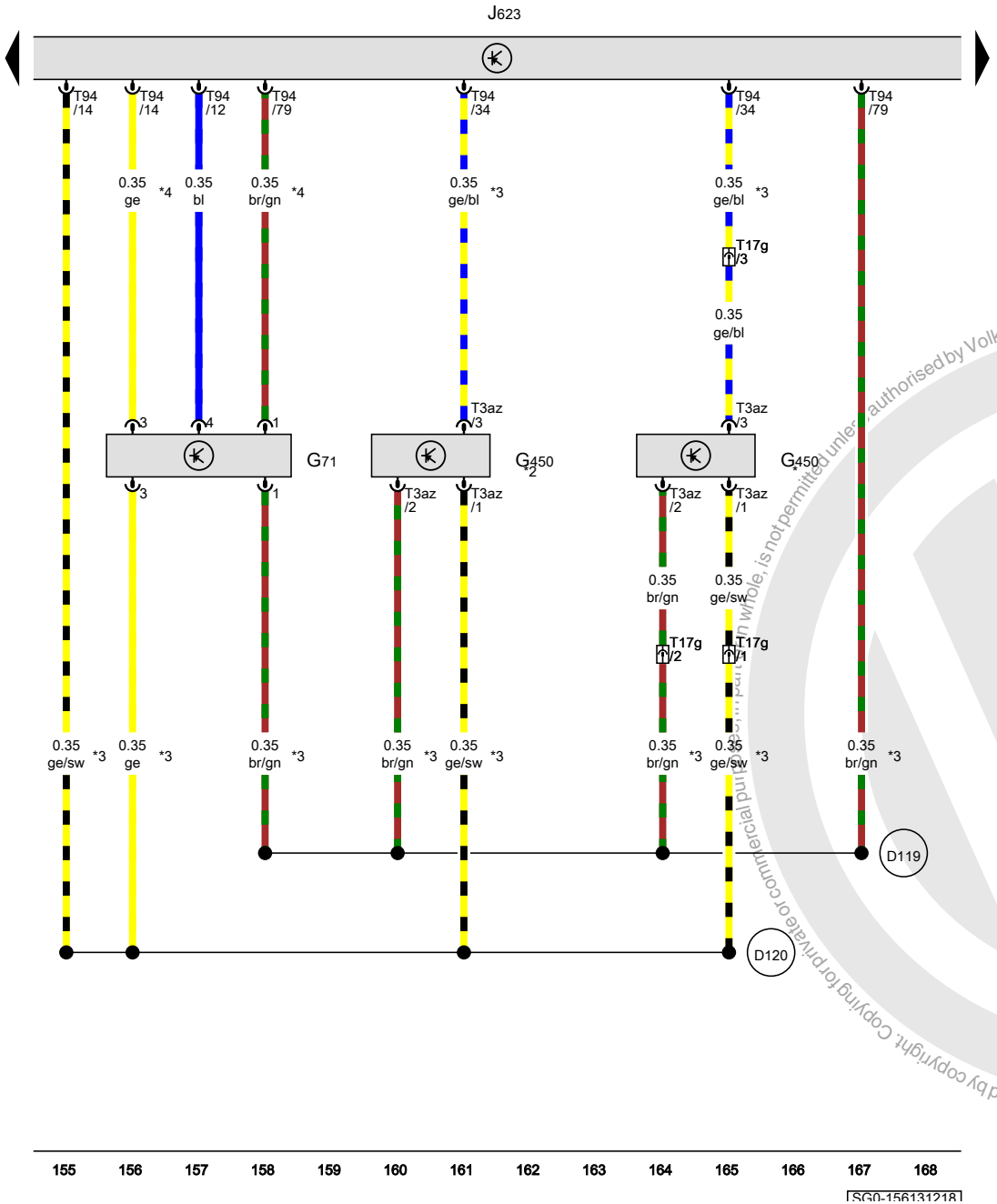

Intake manifold pressure sender, Exhaust gas pressure sensor 1, Engine/motor control unit

G71	Intake manifold pressure sender
G450	Exhaust gas pressure sensor 1
J623	Engine/motor control unit, in E-box in engine compartment
T3az	3-pin connector, black
T17g	17-pin connector, black, in E-box in engine compartment
T94	94-pin connector, black
D119	Connection 17 in engine compartment wiring harness
D120	Connection 18 in engine compartment wiring harness
*	For models with all-wheel drive
*2	For models with no all-wheel drive
*3	For models with diesel particulate filter
*4	For models with no diesel particulate filter or with no preparation for diesel particulate filter

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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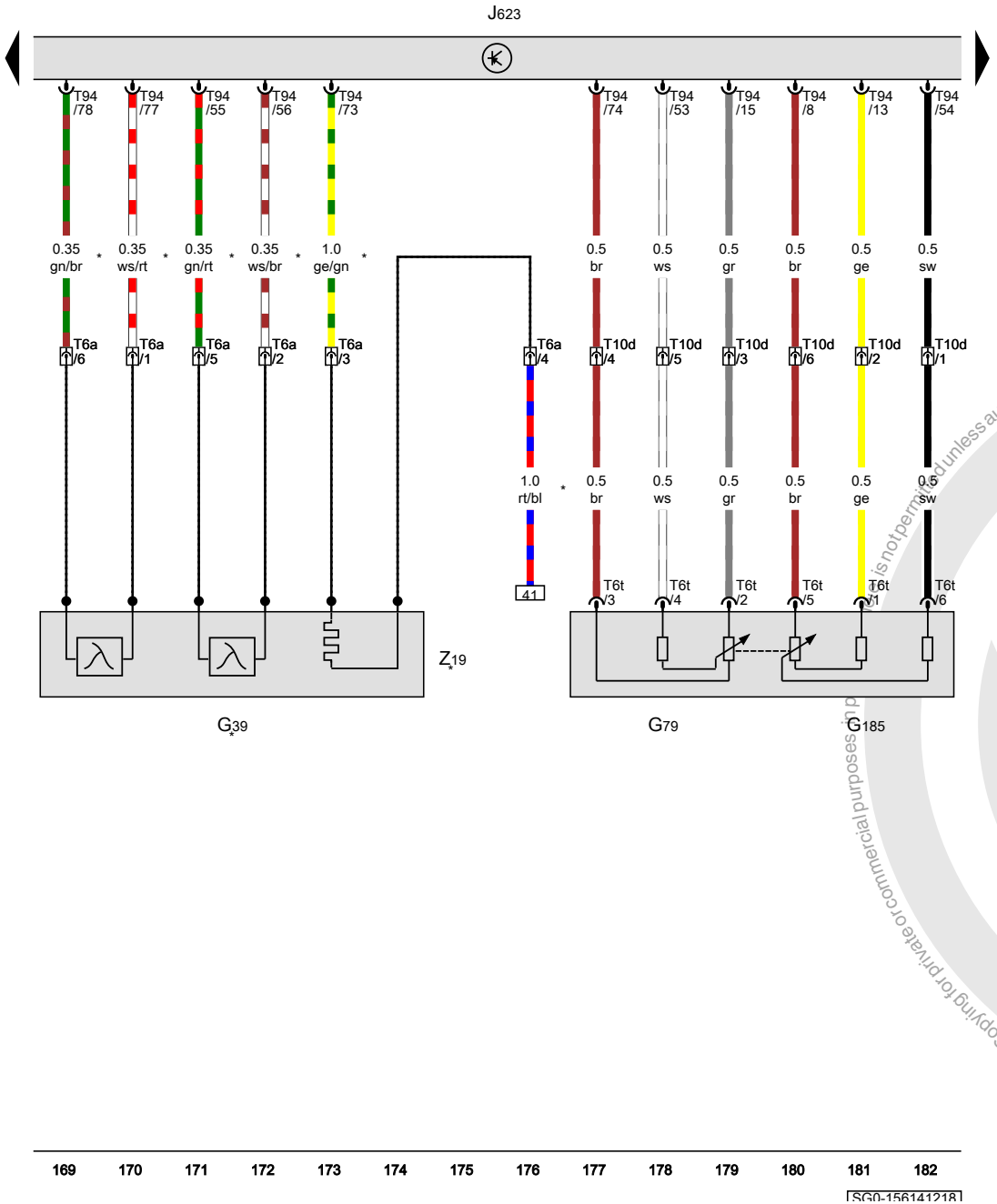
Lambda probe, Accelerator position sender, Accelerator position sender 2, Engine/motor control unit, Lambda probe heater



G39	Lambda probe
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit, in E-box in engine compartment
T6a	6-pin connector, black, on right in engine compartment
T6t	6-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T94	94-pin connector, black
Z19	Lambda probe heater
*	For models with diesel particulate filter

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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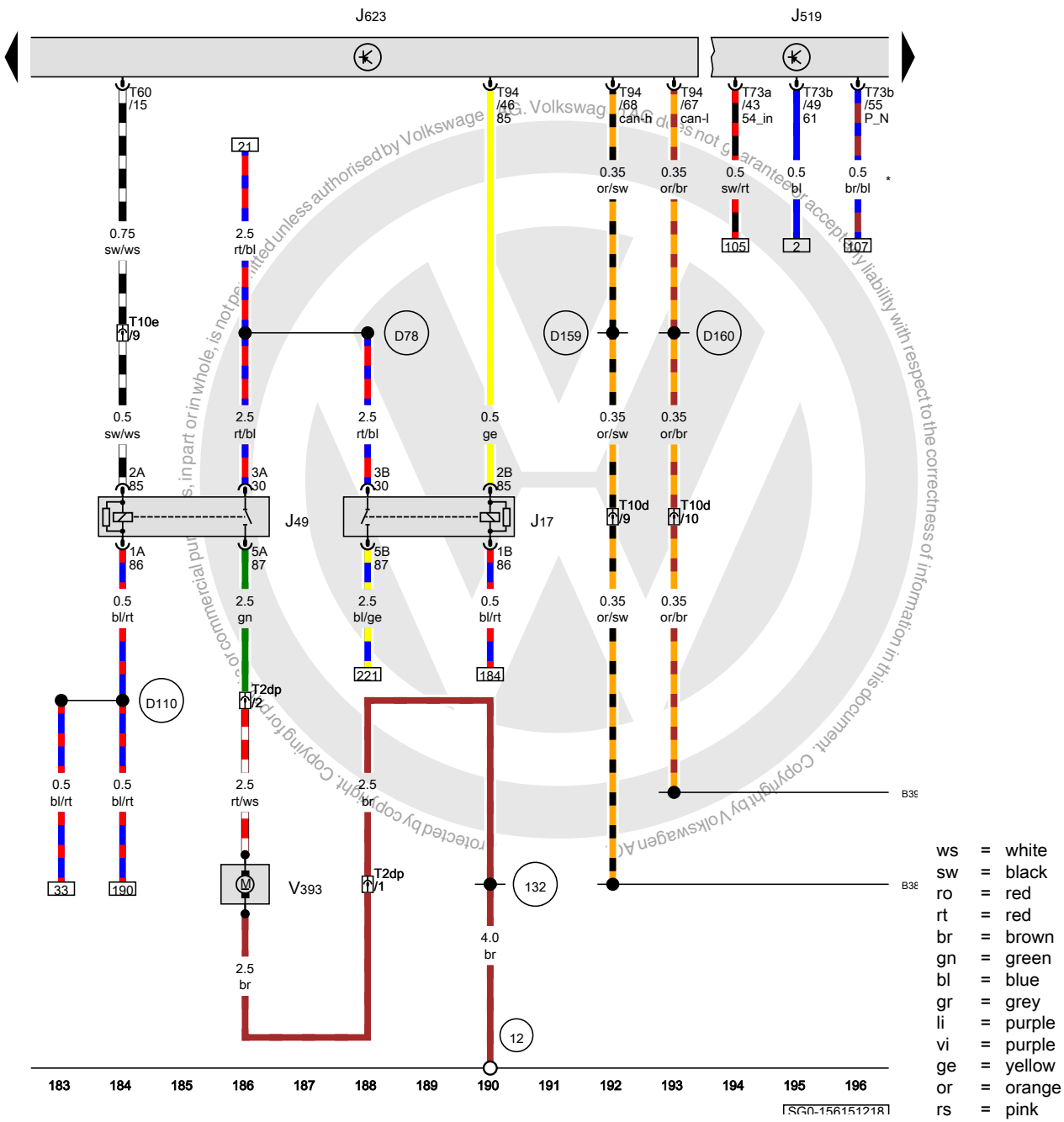

Fuel pump relay, Electric fuel pump 2 relay, Onboard supply control unit, Engine/motor control unit, Supplementary fuel pump

J17	Fuel pump relay, in E-box in engine compartment
J49	Electric fuel pump 2 relay, in E-box in engine compartment
J519	Onboard supply control unit
J623	Engine/motor control unit, in E-box in engine compartment
T2dp	2-pin connector, black, near fuel filter
T10d	10-pin connector, blue, in E-box in engine compartment
T10e	10-pin connector, white, in E-box in engine compartment
T60	60-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
T94	94-pin connector, black
V393	Supplementary fuel pump
12	Earth point, on left in engine compartment
132	Earth connection 3, in engine compartment wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	For models with dual clutch gearbox (DSG)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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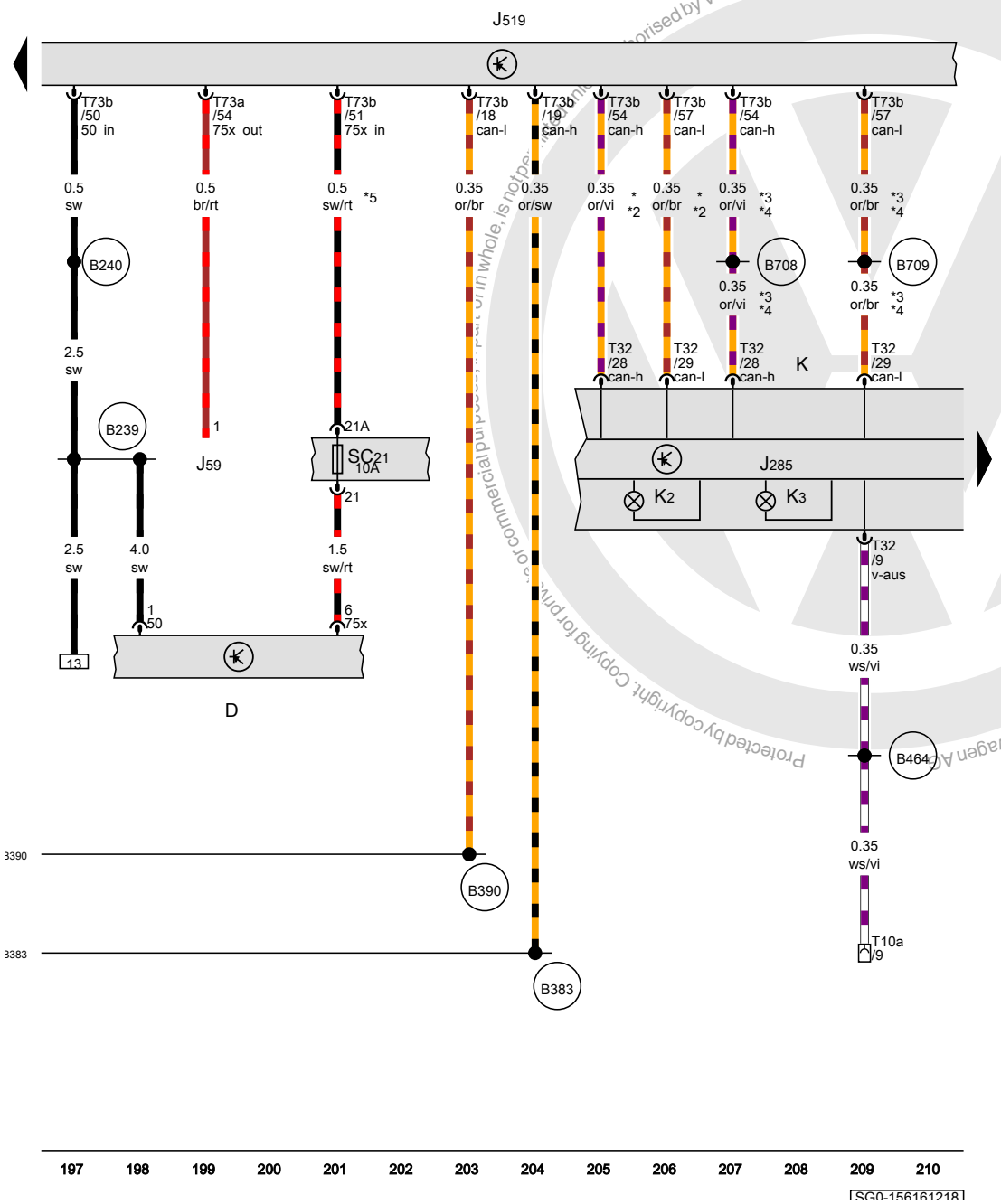

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rt	=	red
br	=	brown
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bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
rs	=	pink

Ignition/starter switch, X-contact relief relay, Onboard supply control unit, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp, Fuse 21 on fuse holder C

D	Ignition/starter switch
J59	X-contact relief relay
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
SC21	Fuse 21 on fuse holder C
T10a	10-pin connector, brown, in E-box in engine compartment
T32	32-pin connector, blue
T73a	73-pin connector, black
T73b	73-pin connector, white
B239	Positive connection 1 (50), in interior wiring harness
B240	Positive connection 2 (50), in interior wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B464	Connection (speed signal), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	For models with no rain and light sensor
*2	For models with no tachograph
*3	For models with rain sensor
*4	For models with tachograph
*5	For models with no special vehicle control unit

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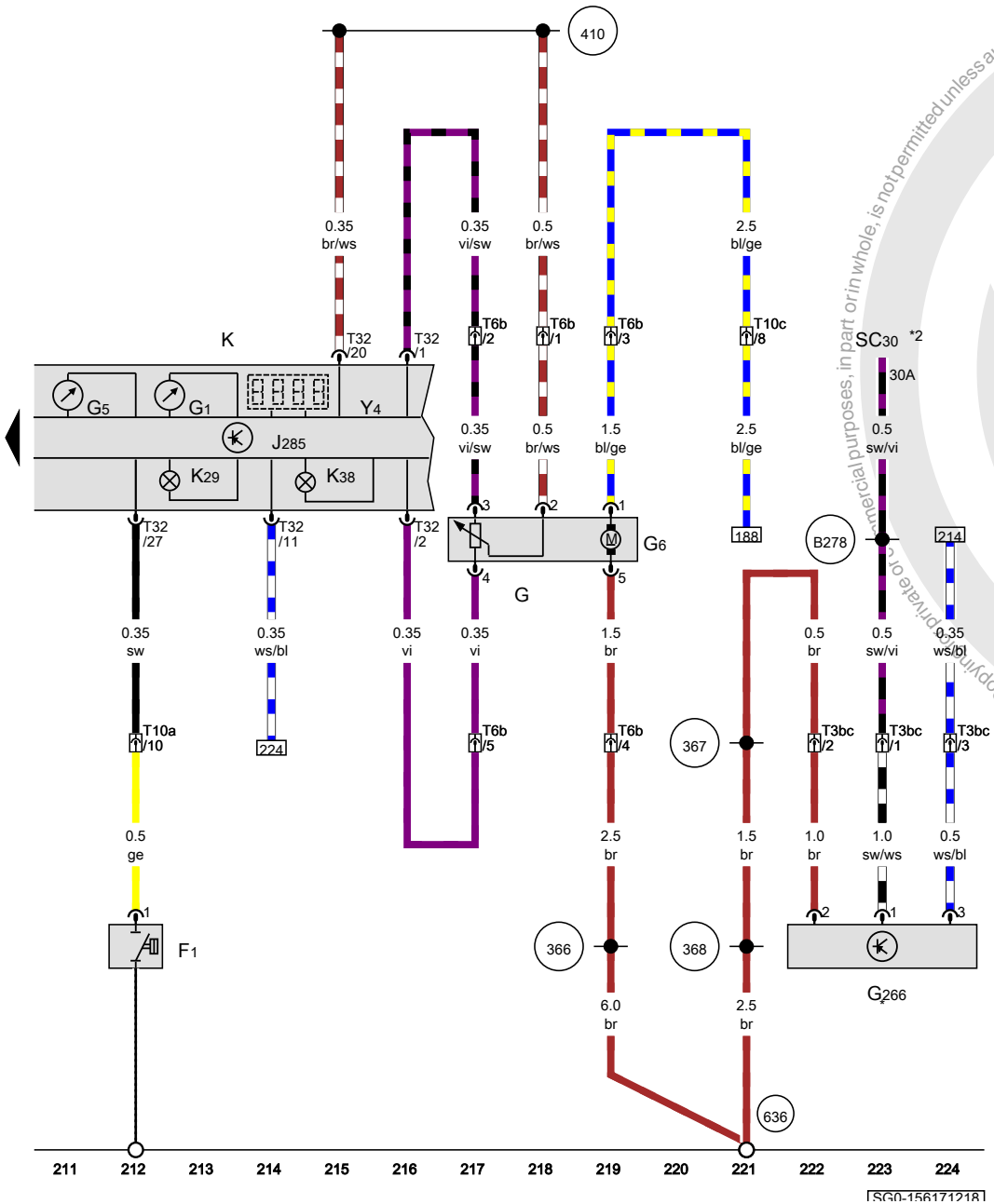

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Oil pressure switch, Fuel gauge, Rev. counter, Fuel system pressurisation pump, Oil level and oil temperature sender, Dash panel insert, Glow period warning lamp, Oil level warning lamp

F1	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G5	Rev. counter
G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K	Dash panel insert
K29	Glow period warning lamp
K38	Oil level warning lamp
SC30	Fuse 30 on fuse holder C
T3bc	3-pin connector, black, on underbody, near cross panel
T6b	6-pin connector, black, on fuel tank
T10a	10-pin connector, brown, in E-box in engine compartment
T10c	10-pin connector, yellow, in E-box in engine compartment
T32	32-pin connector, blue
Y4	Trip counter
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
410	Earth connection 1 (sender earth) in main wiring harness
636	Earth point, onboard supply control unit
B278	Positive connection 2 (15a) in main wiring harness
*	For models with extended service intervals (ESI)
*2	see applicable current flow diagram for fuse assignment

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2.0l diesel engine with start/stop system , CAAB,CAAC,(7L6)

From August 2018

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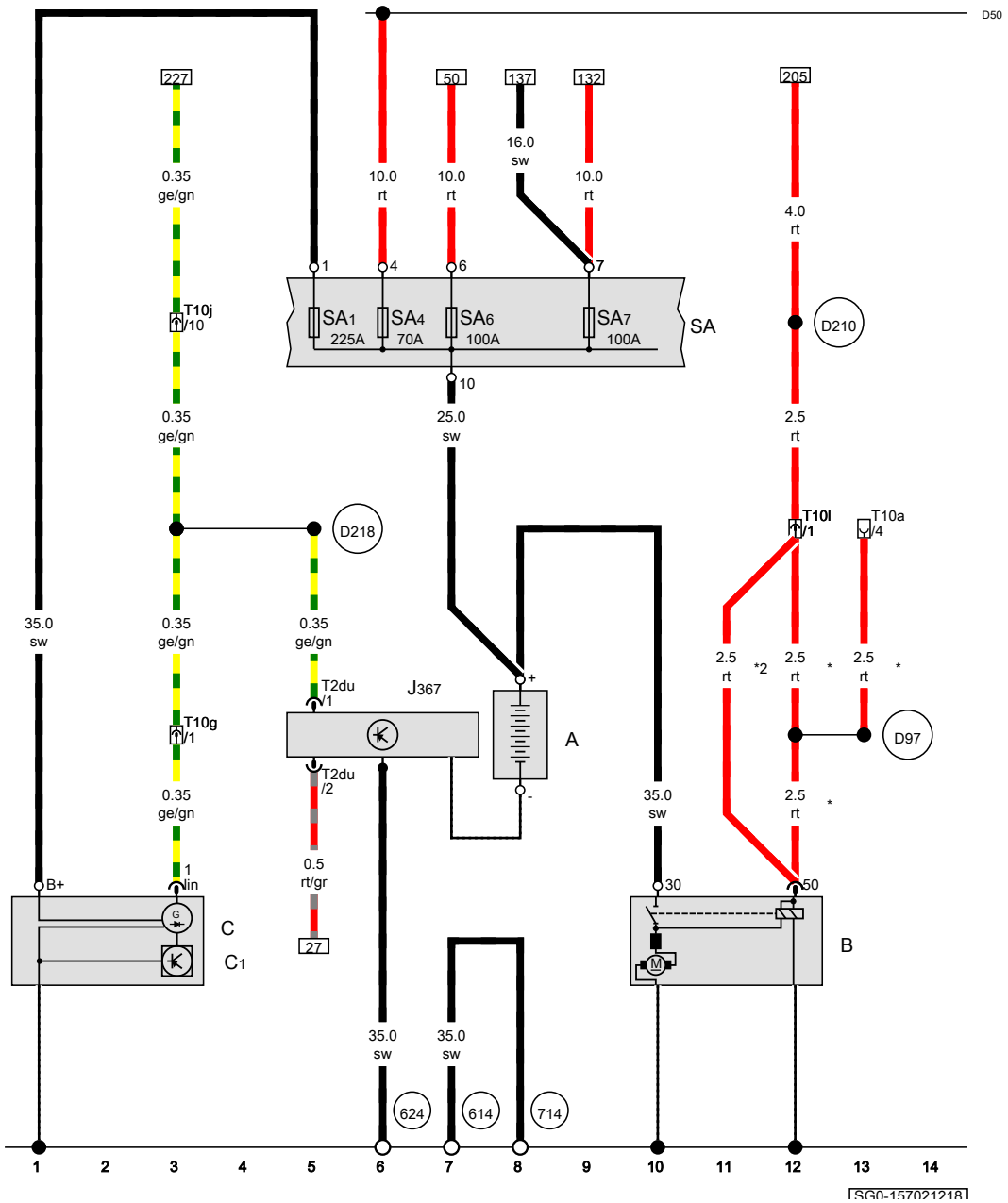

Battery, Starter, Alternator, Voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J367	Battery monitor control unit
SA	Fuse holder A, in E-box in engine compartment
SA1	Fuse 1 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
T2du	2-pin connector, black
T10a	10-pin connector, brown, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T10j	10-pin connector, dark brown, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
614	Earth point 2, on right in engine compartment
624	Earth point, starter battery
714	Earth point on right of engine
D50	Positive connection (30), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D210	Connection (50), in engine compartment wiring harness
D218	Connection 1 (LIN bus) in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox (DSG)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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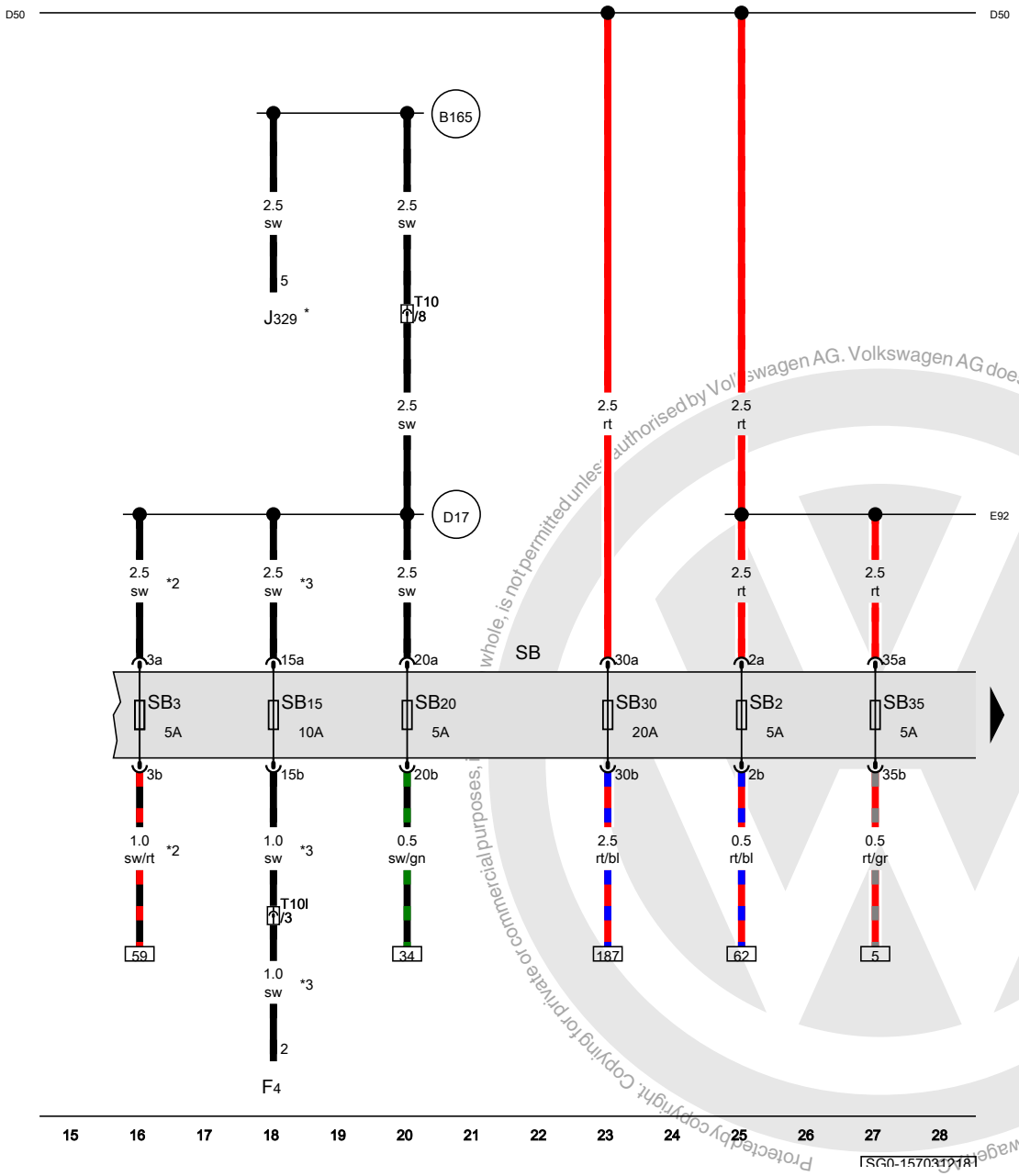

Fuse holder B

F4	Reversing light switch
J329	Terminal 15 voltage supply relay
SB	Fuse holder B, in E-box in engine compartment
SB2	Fuse 2 on fuse holder B
SB3	Fuse 3 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB30	Fuse 30 on fuse holder B
SB35	Fuse 35 on fuse holder B
T10	10-pin connector, black, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
B165	Positive connection 2 (15), in interior wiring harness
D17	Positive connection 1 (15), in engine harness
D50	Positive connection (30), in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with crankcase breather heater element
*3	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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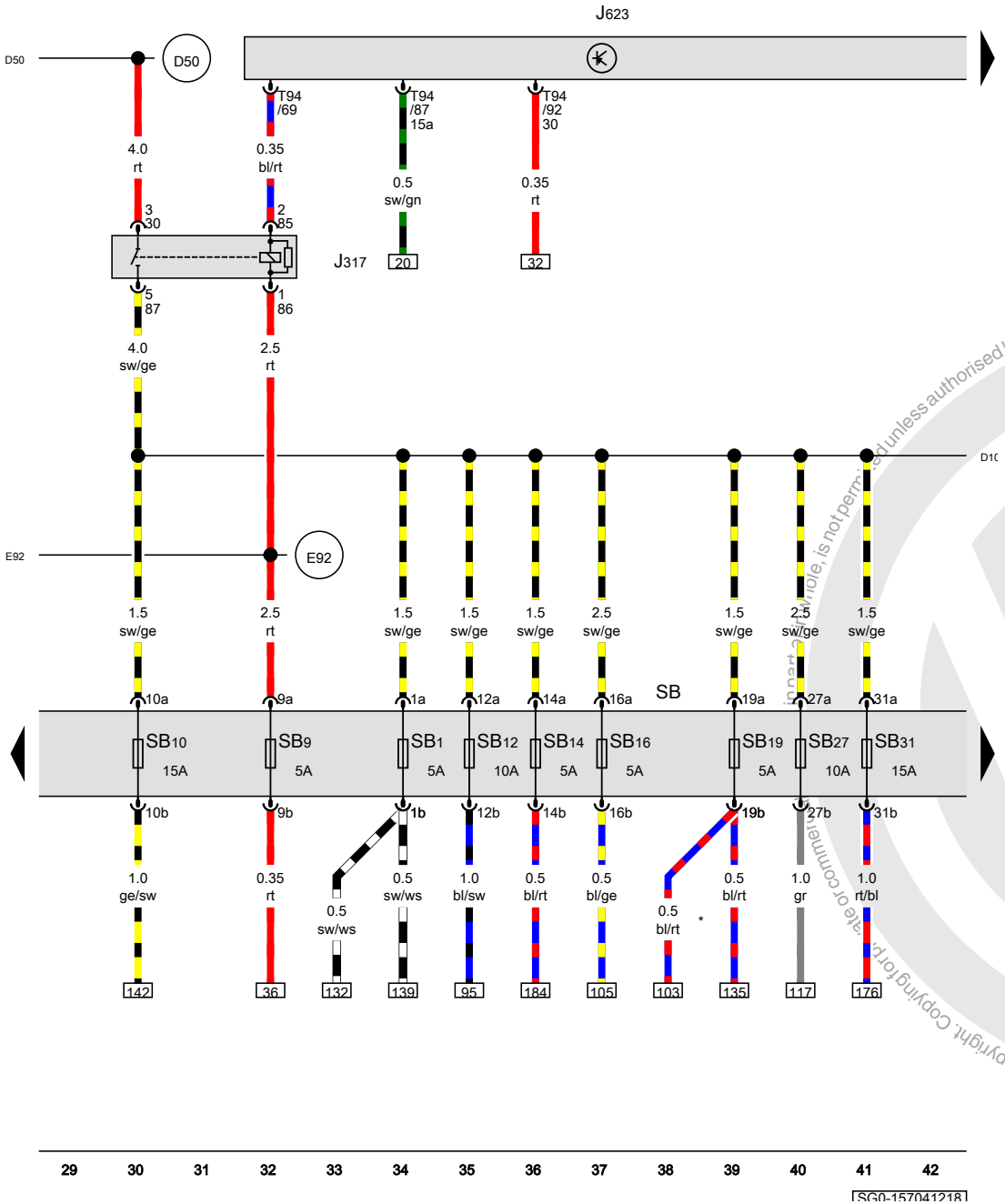

Terminal 30 voltage supply relay, Engine/motor control unit, Fuse holder B

J317	Terminal 30 voltage supply relay, in E-box
J623	Engine/motor control unit, in E-box in engine compartment
SB	Fuse holder B, in E-box in engine compartment
SB1	Fuse 1 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB19	Fuse 19 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB31	Fuse 31 on fuse holder B
T94	94-pin connector, black
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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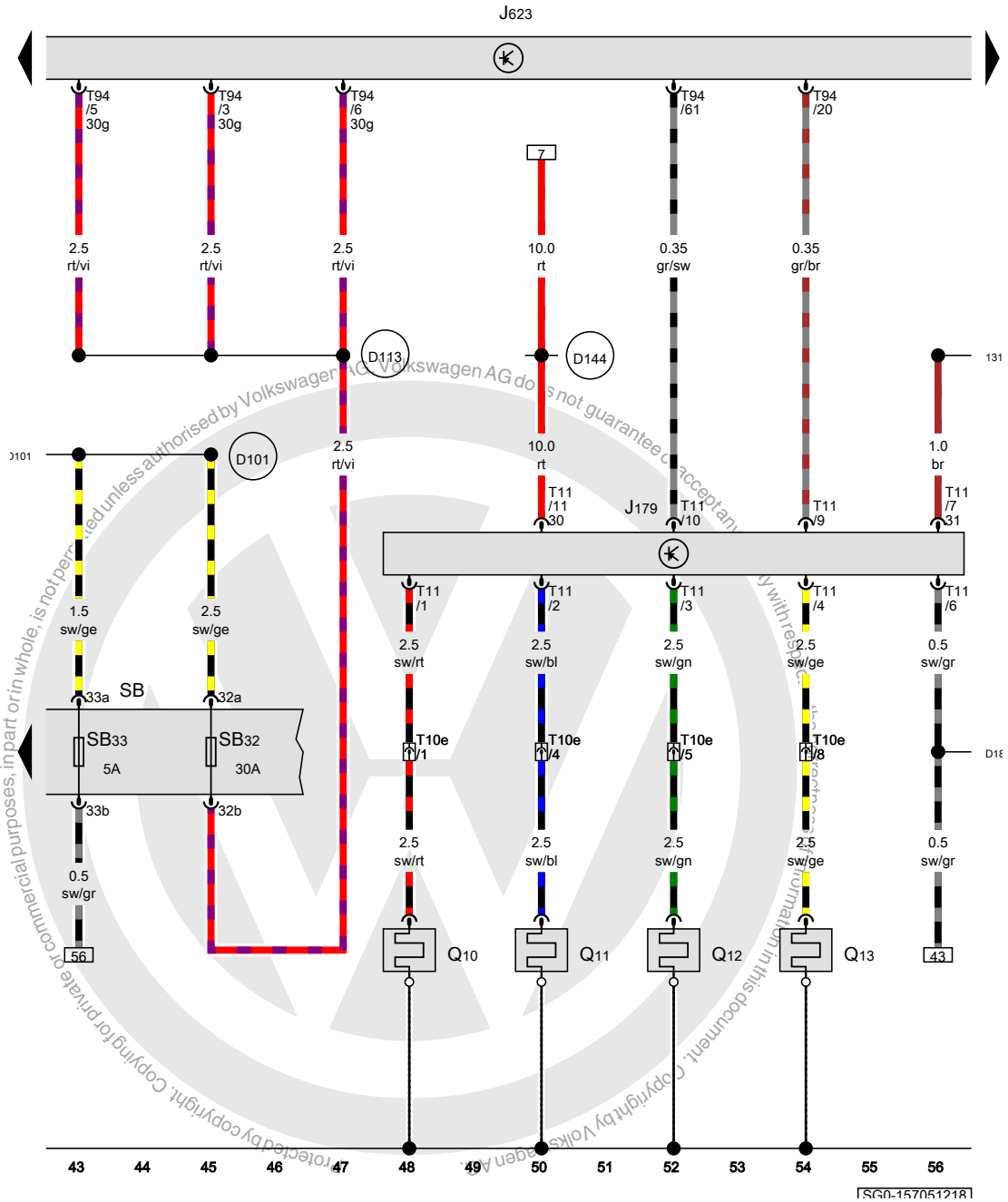

Automatic glow period control unit, Engine/motor control unit, Fuse holder B

J179	Automatic glow period control unit, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
SB	Fuse holder B, in E-box in engine compartment
SB32	Fuse 32 on fuse holder B
SB33	Fuse 33 on fuse holder B
T10e	10-pin connector, white, in E-box in engine compartment
T11	11-pin connector, black
T94	94-pin connector, black
131	Earth connection 2, in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness
D144	Positive connection 5 (30), in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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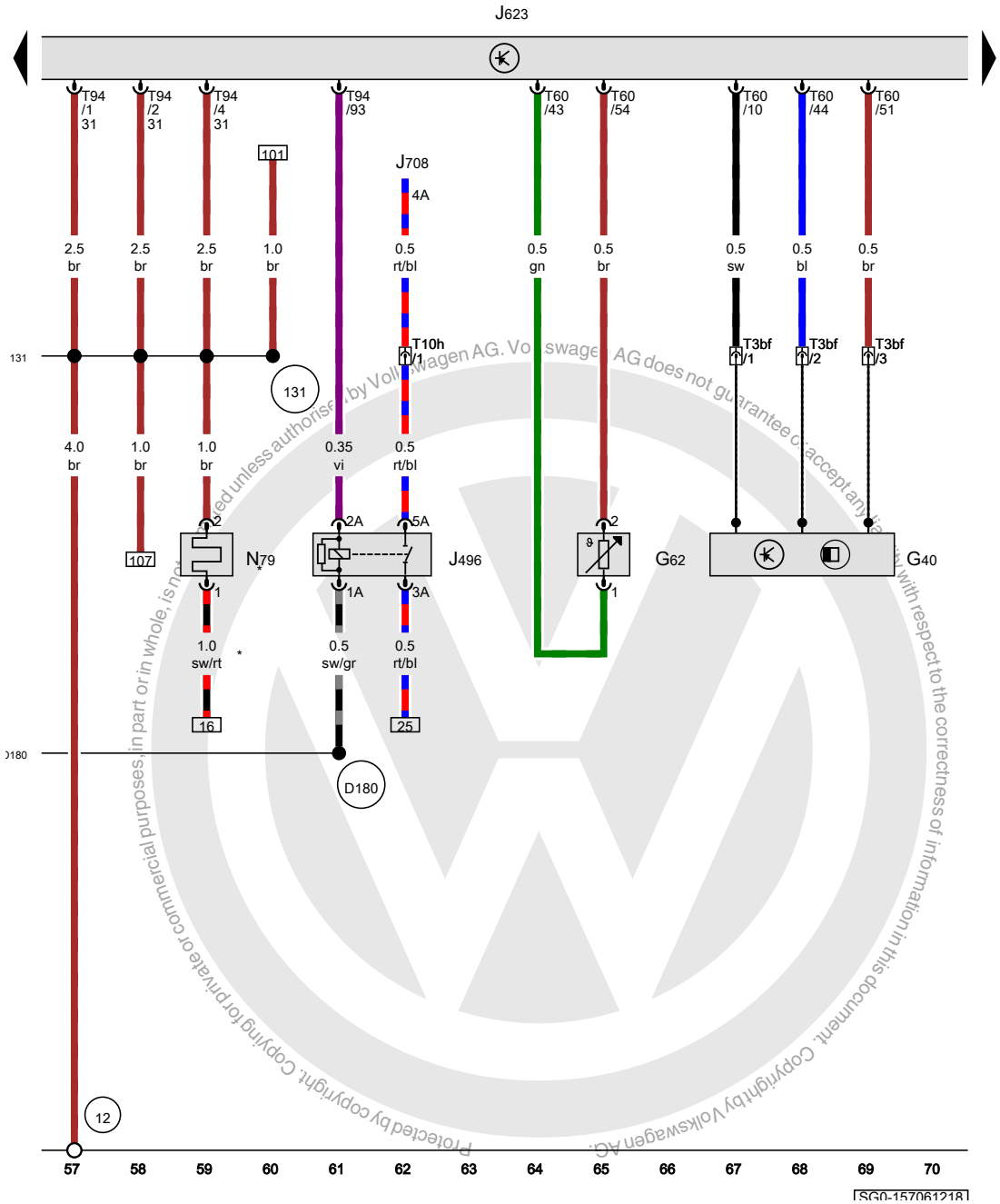

Hall sender, Coolant temperature sender, Additional coolant pump relay, Engine/motor control unit, Heater element for crankcase breather

G40	Hall sender
G62	Coolant temperature sender
J496	Additional coolant pump relay, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
J708	Residual heat relay
N79	Heater element for crankcase breather
T3bf	3-pin connector, black, near alternator
T10h	10-pin connector, orange, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
*	For models with crankcase breather heater element

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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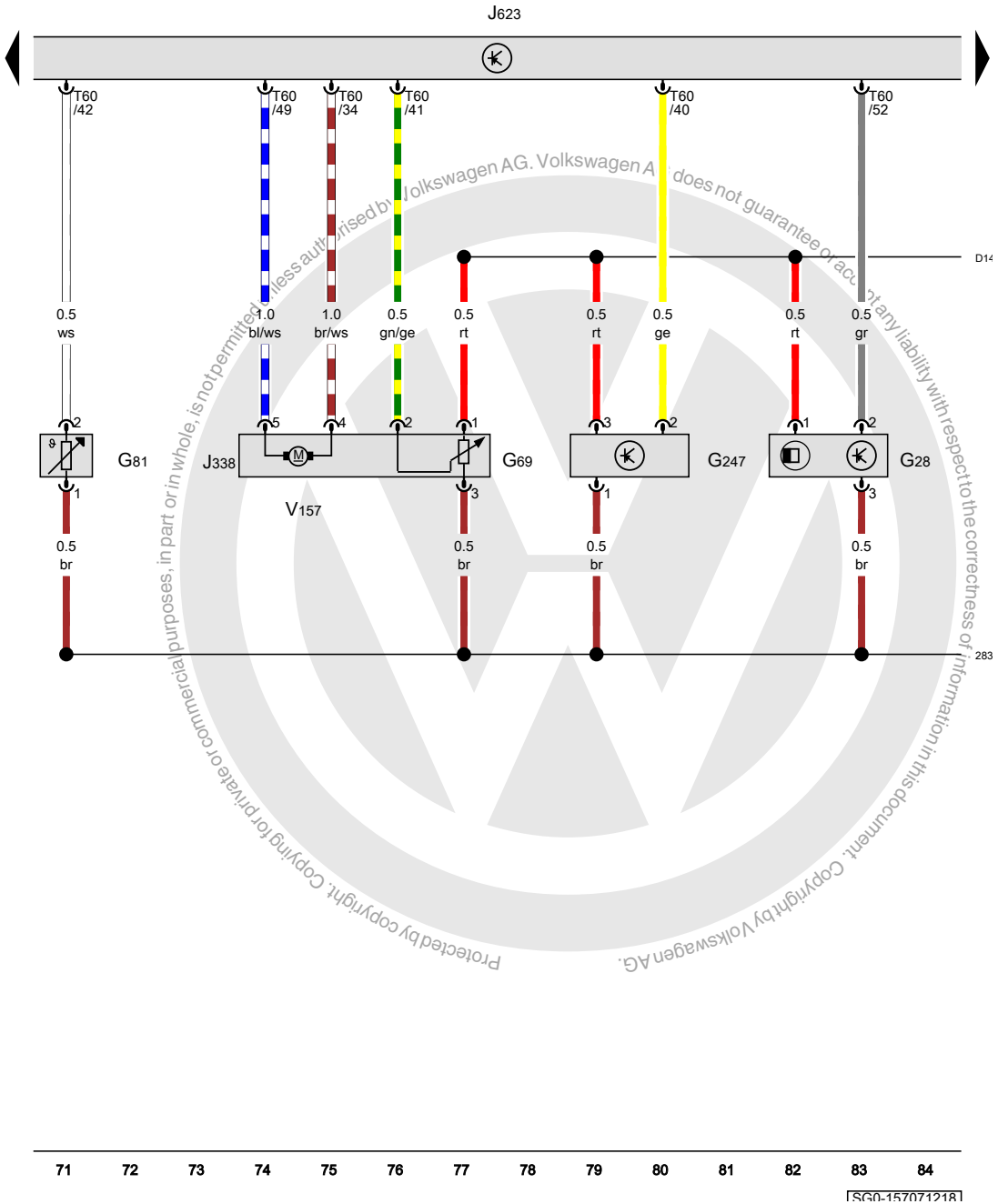

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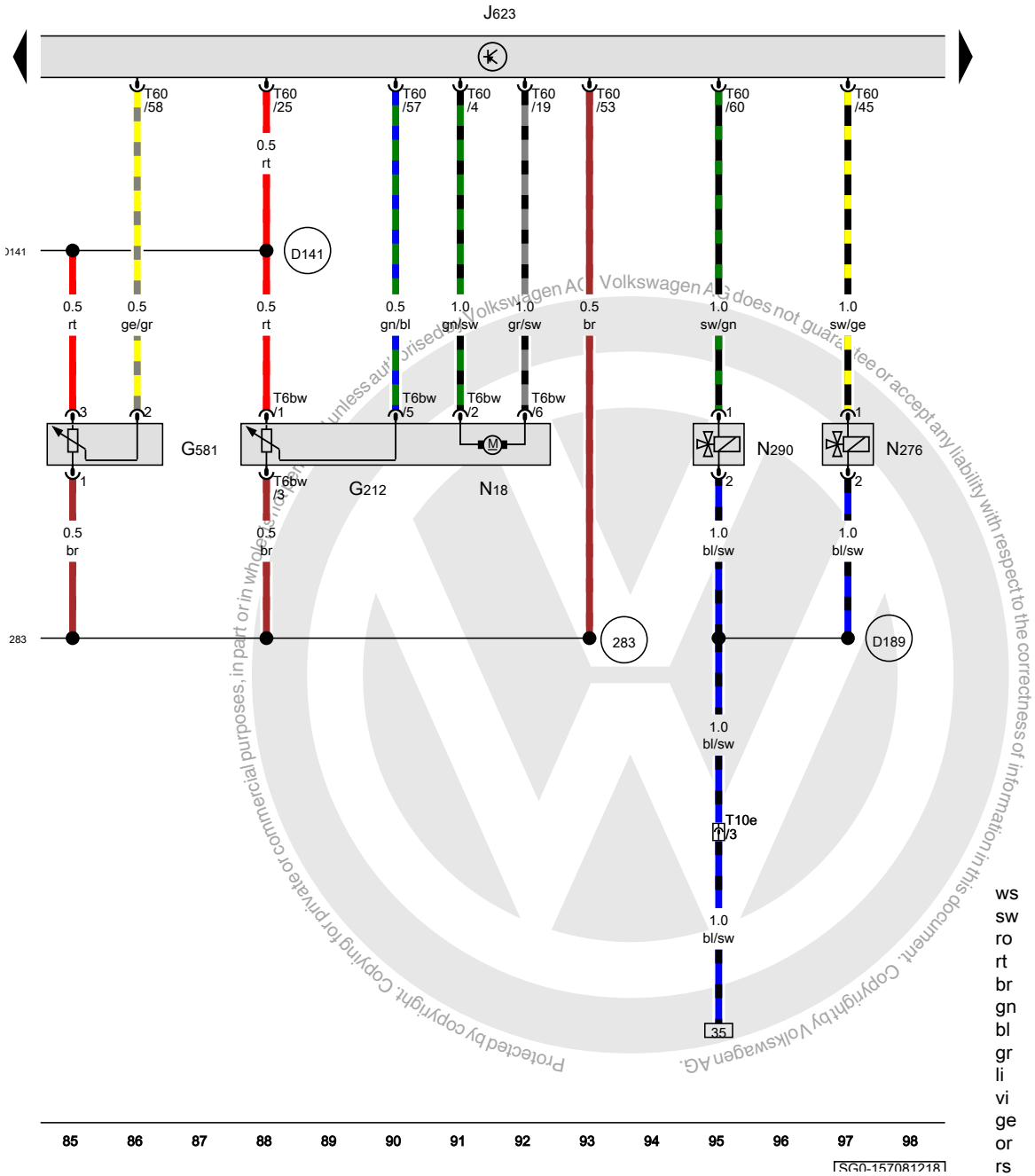
Engine speed sender, Throttle valve potentiometer, Fuel temperature sender, Fuel pressure sender, Throttle valve module, Engine/motor control unit, Intake manifold flap motor

G28	Engine speed sender
G69	Throttle valve potentiometer
G81	Fuel temperature sender
G247	Fuel pressure sender
J338	Throttle valve module
J623	Engine/motor control unit, in E-box in engine compartment
T60	60-pin connector, black
V157	Intake manifold flap motor
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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Exhaust gas recirculation potentiometer, Position sender for charge pressure positioner, Engine/motor control unit, Exhaust gas recirculation valve, Fuel pressure regulating valve, Fuel metering valve

G212	Exhaust gas recirculation potentiometer
G581	Position sender for charge pressure positioner
J623	Engine/motor control unit, in E-box in engine compartment
N18	Exhaust gas recirculation valve
N276	Fuel pressure regulating valve
N290	Fuel metering valve
T6bw	6-pin connector, grey
T10e	10-pin connector, white, in E-box in engine compartment
T60	60-pin connector, black
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness
D189	Connection (87a) in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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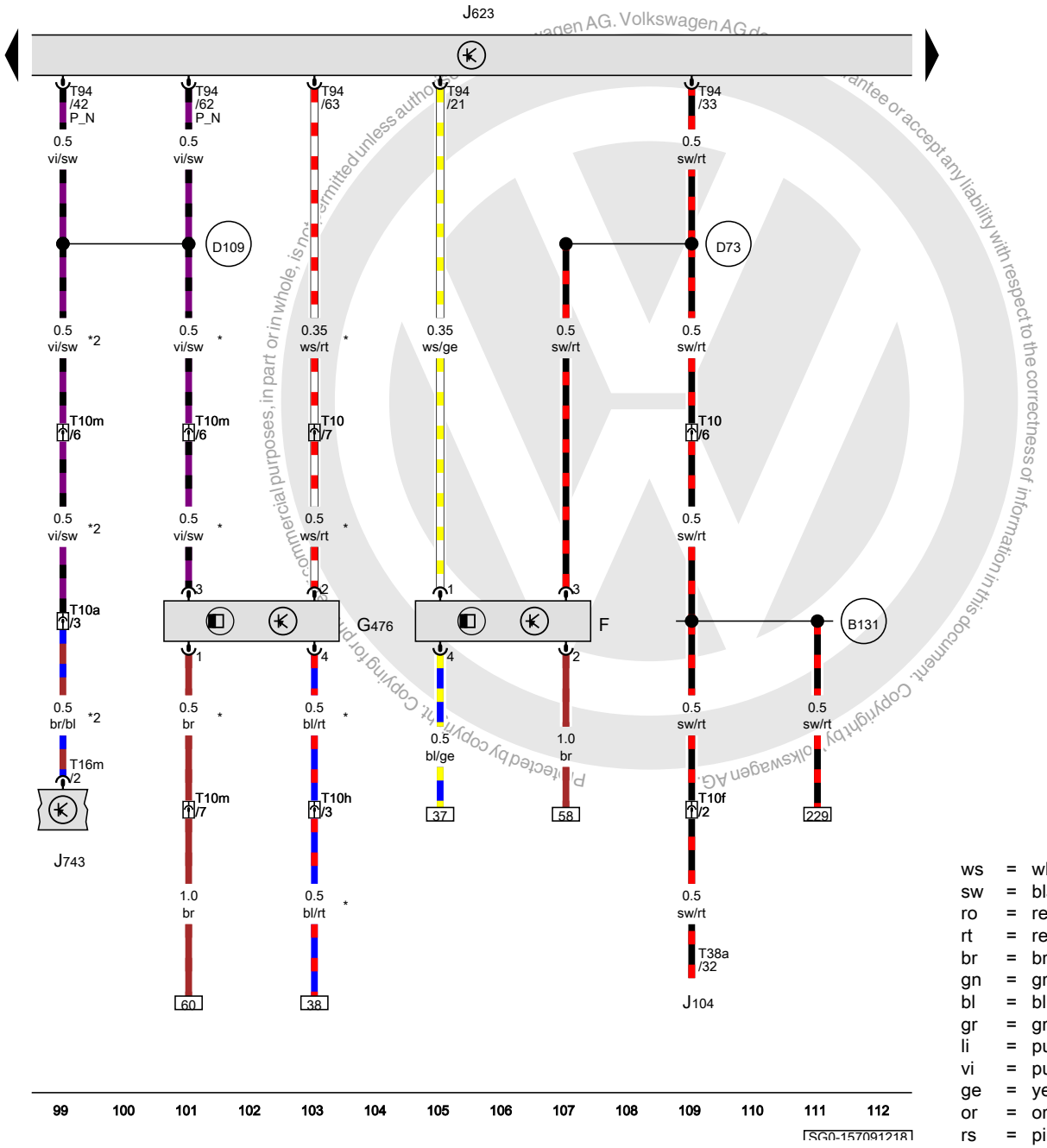
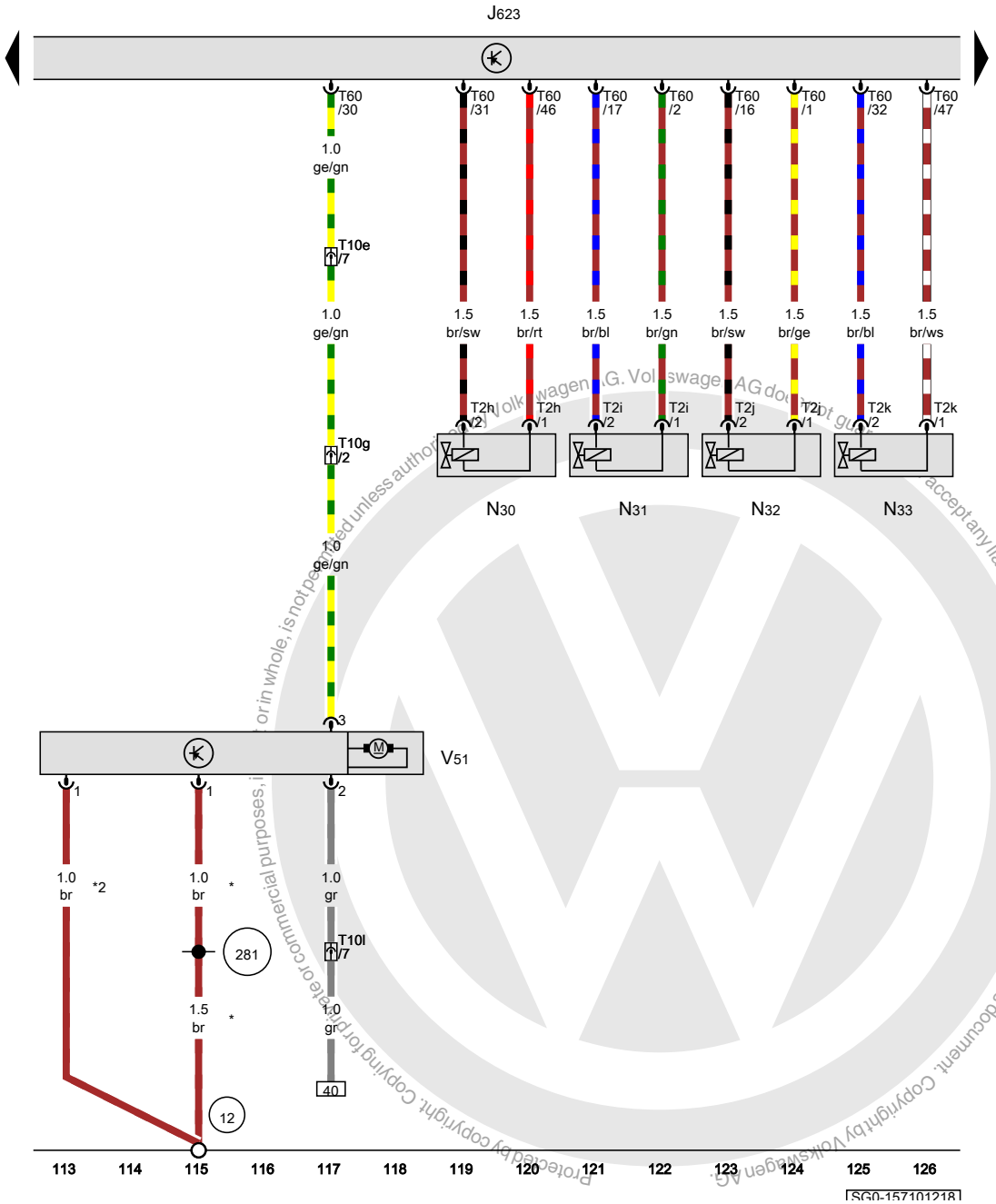


Brake light switch, Clutch position sender, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

F	Brake light switch, on brake master cylinder
G476	Clutch position sender
J104	ABS control unit
J623	Engine/motor control unit, in E-box in engine compartment
J743	Mechatronic unit for dual clutch gearbox
T10	10-pin connector, black, in E-box in engine compartment
T10a	10-pin connector, brown, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T16m	16-pin connector, black
T38a	38-pin connector, black
T94	94-pin connector, black
B131	Connection (54), in interior wiring harness
D73	Positive connection (54), in engine compartment wiring harness
D109	Connection 7 in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Continued coolant circulation pump

J623	Engine/motor control unit, in E-box in engine compartment
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2h	2-pin connector, black
T2i	2-pin connector, black
T2j	2-pin connector, black
T2k	2-pin connector, black
T10e	10-pin connector, white, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T60	60-pin connector, black
V51	Continued coolant circulation pump
12	Earth point, on left in engine compartment
281	Earth point 1, engine prewiring harness
*	For models with dual clutch gearbox (DSG)
*2	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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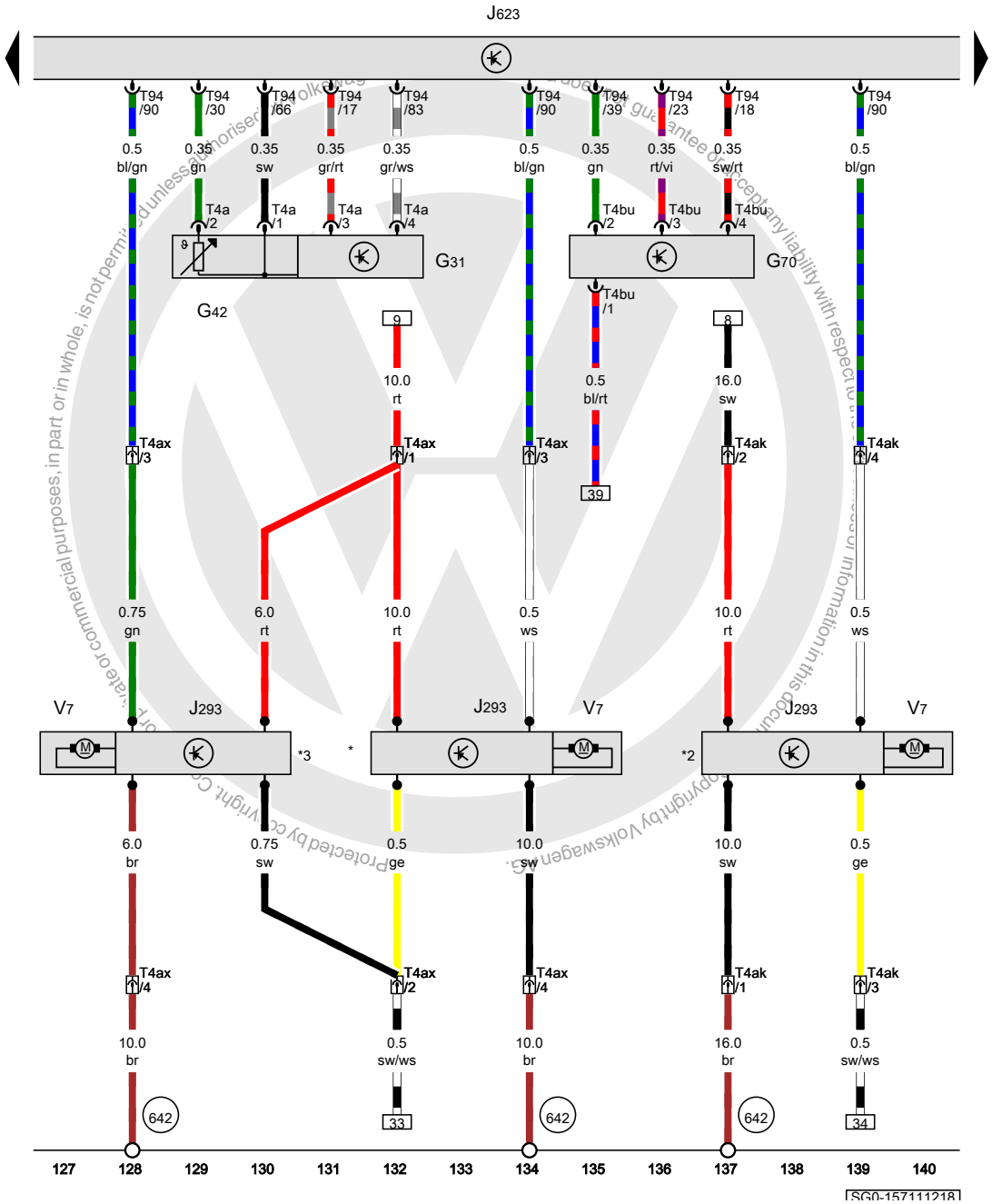

Charge pressure sender, Intake air temperature sender, Air mass meter, Radiator fan control unit, Engine/motor control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G70	Air mass meter
J293	Radiator fan control unit
J623	Engine/motor control unit, in E-box in engine compartment
T4a	4-pin connector, black
T4ak	4-pin connector, black, near radiator fan
T4ax	4-pin connector, black, near radiator fan
T4bu	4-pin connector, black
T94	94-pin connector, black
V7	Radiator fan
642	Earth point for electronically controlled fan
*	For models with medium fan output
*2	For models with increased fan output
*3	For models with low fan output

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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or	=	orange
rs	=	pink

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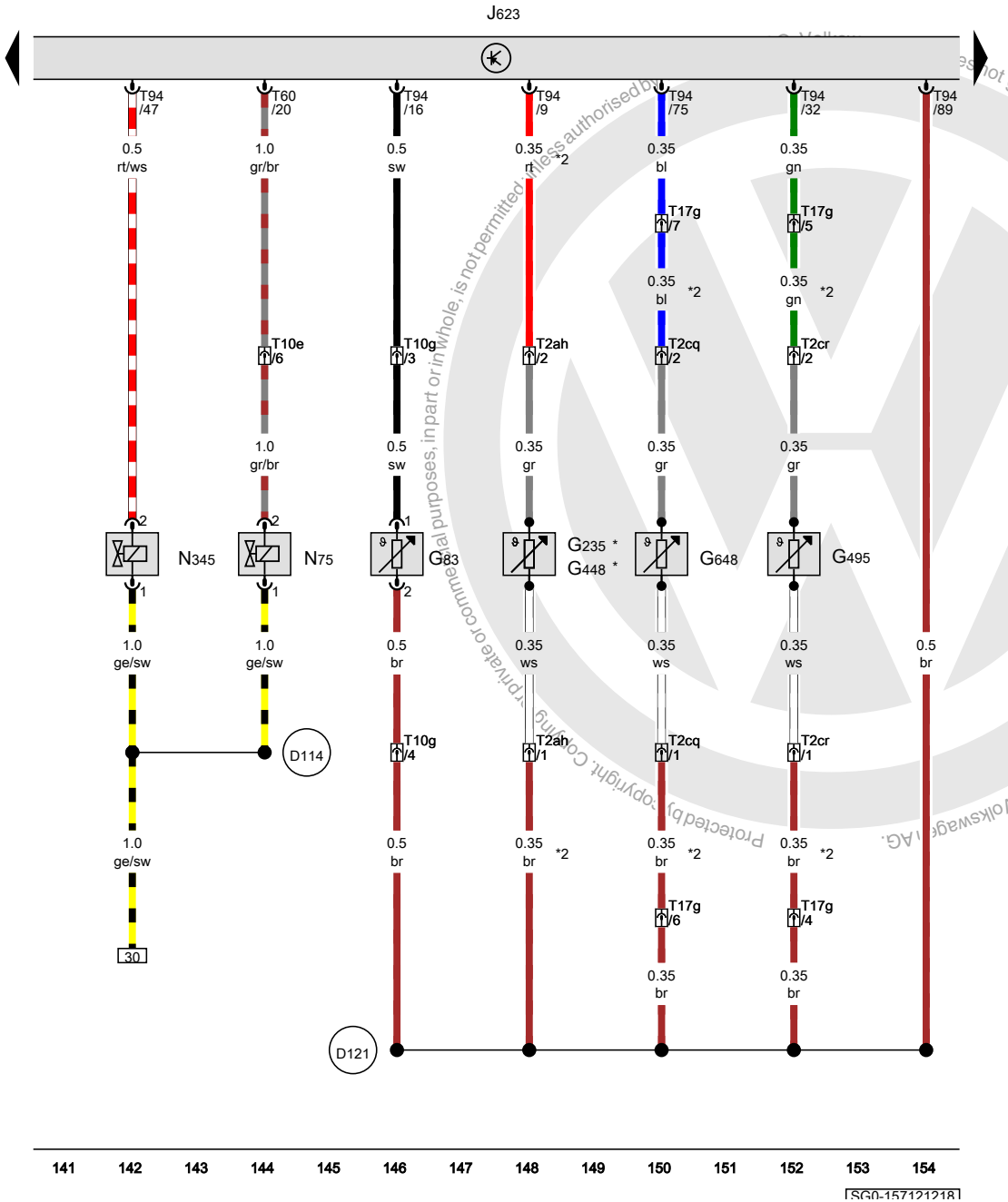

Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 2, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine/motor control unit, Charge pressure control solenoid valve, Exhaust gas recirculation cooler changeover valve

G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G448	Exhaust gas temperature sender 2
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine/motor control unit, in E-box in engine compartment
N75	Charge pressure control solenoid valve
N345	Exhaust gas recirculation cooler changeover valve
T2ah	2-pin connector, black, on right in engine compartment
T2cq	2-pin connector, light brown, on underbody, near cross panel
T2cr	2-pin connector, brown, on underbody, near cross panel
T10e	10-pin connector, white, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T17g	17-pin connector, black, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
D114	Connection 12 in engine compartment wiring harness
D121	Connection 19 in engine compartment wiring harness
*	According to equipment
*2	For models with diesel particulate filter

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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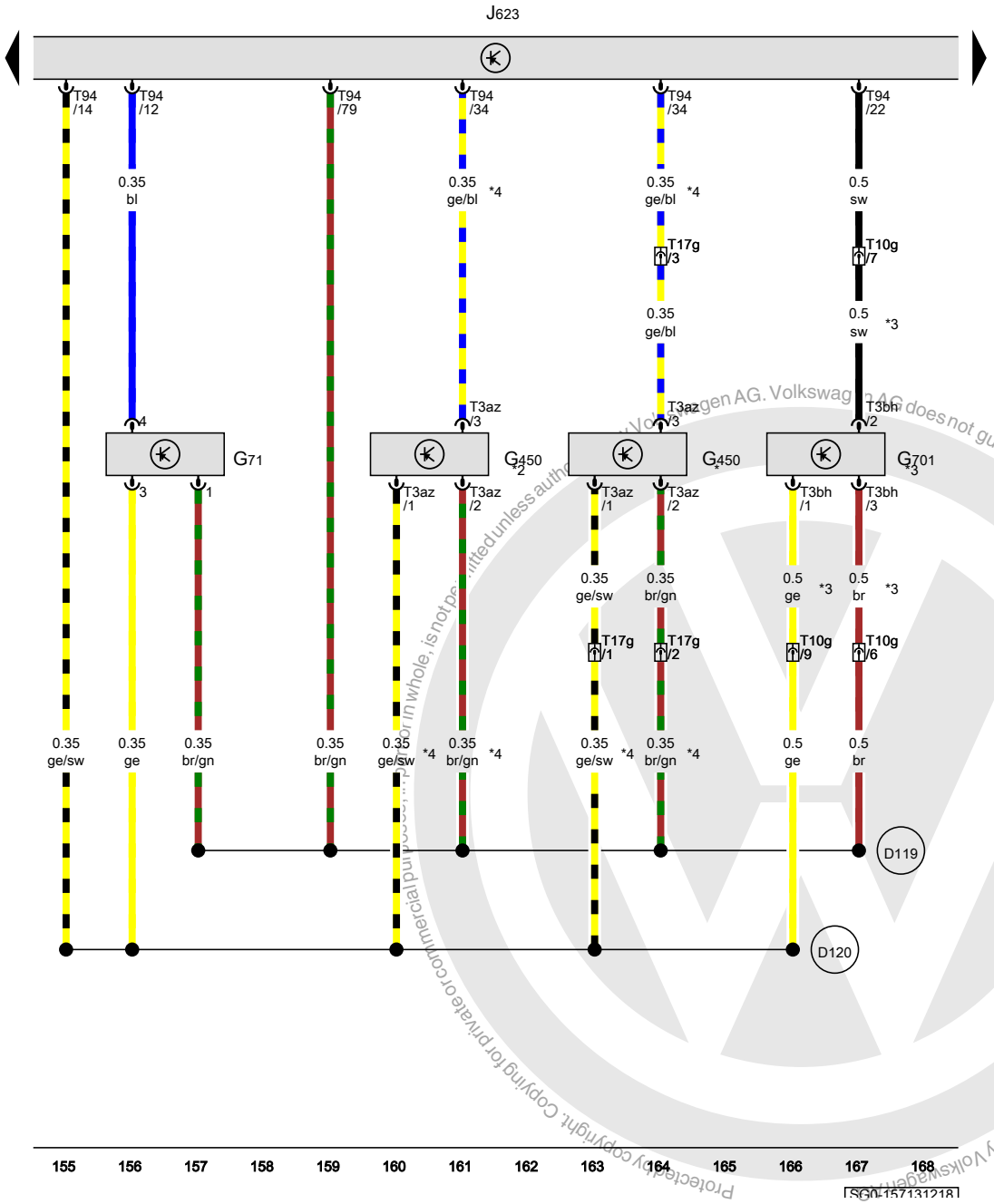

Intake manifold pressure sender, Exhaust gas pressure sensor 1, Engine/motor control unit

G71	Intake manifold pressure sender
G450	Exhaust gas pressure sensor 1
G701	Gearbox neutral position sender
J623	Engine/motor control unit, in E-box in engine compartment
T3az	3-pin connector, black
T3bh	3-pin connector, black
T10g	10-pin connector, grey, in E-box in engine compartment
T17g	17-pin connector, black, in E-box in engine compartment
T94	94-pin connector, black
D119	Connection 17 in engine compartment wiring harness
D120	Connection 18 in engine compartment wiring harness
*	For models with all-wheel drive
*2	For models with no all-wheel drive
*3	For models with manual gearbox
*4	For models with diesel particulate filter

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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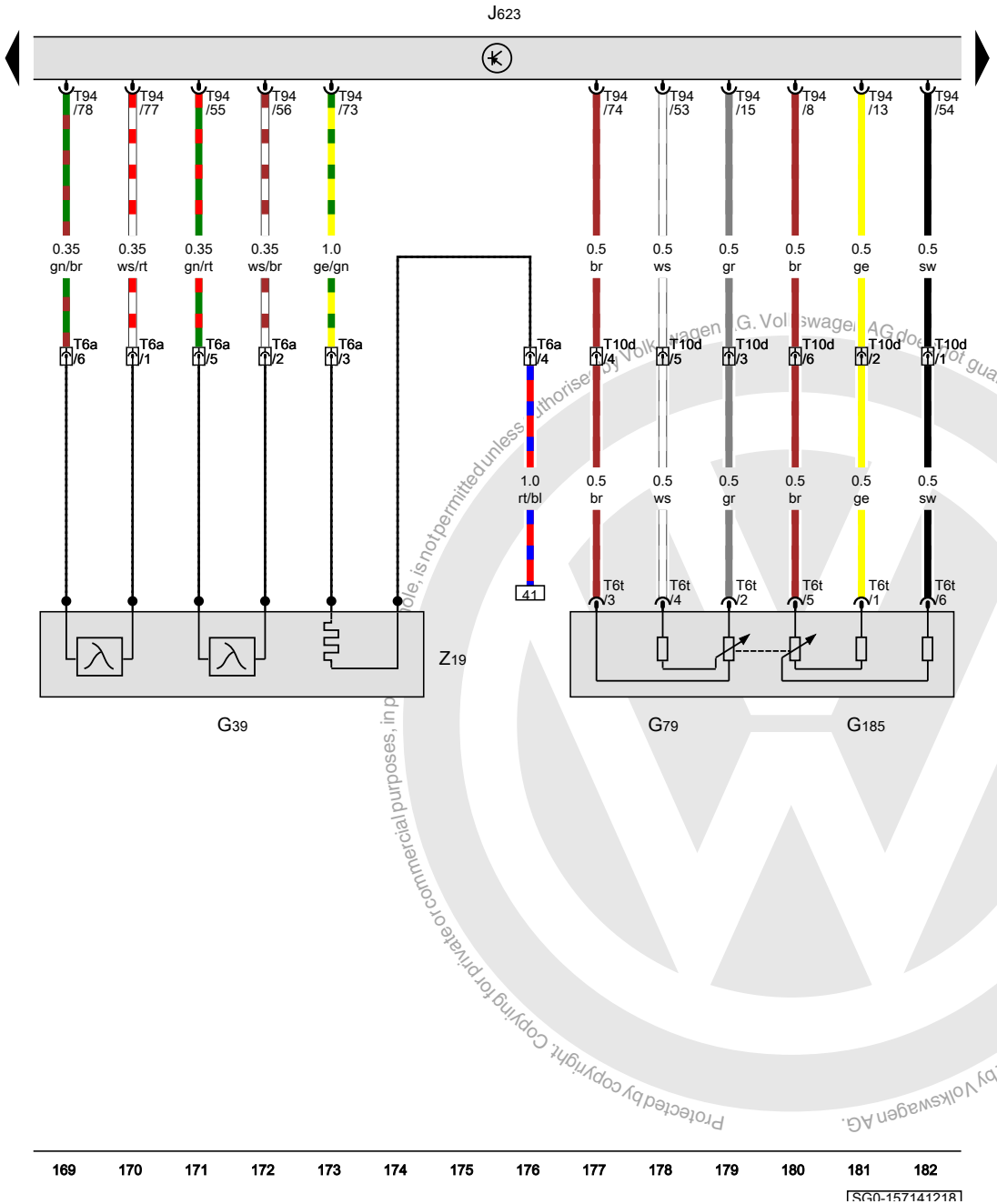
Lambda probe, Accelerator position sender, Accelerator position sender 2, Engine/motor control unit, Lambda probe heater



G39	Lambda probe
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit, in E-box in engine compartment
T6a	6-pin connector, black, on right in engine compartment
T6t	6-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T94	94-pin connector, black
Z19	Lambda probe heater

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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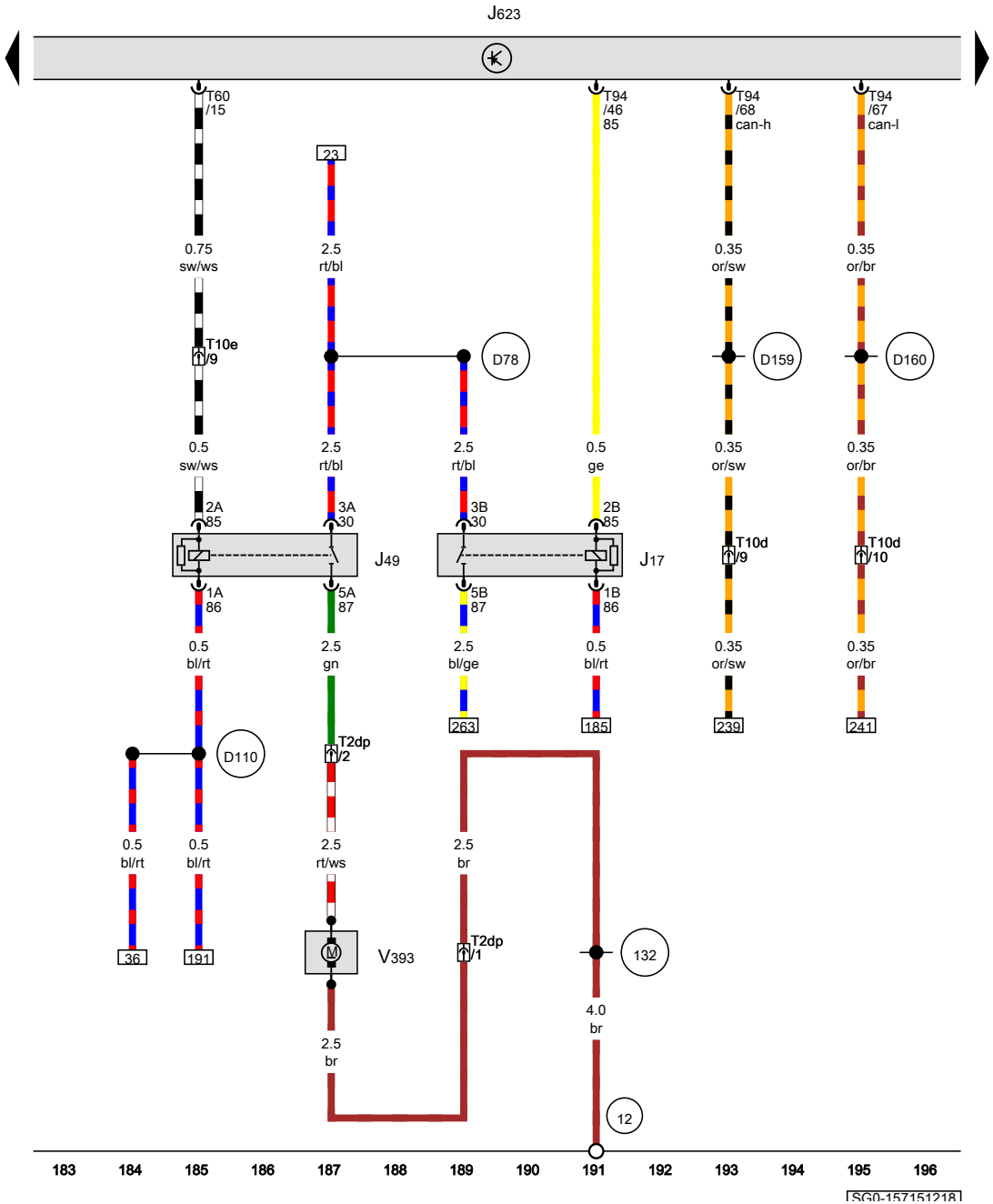
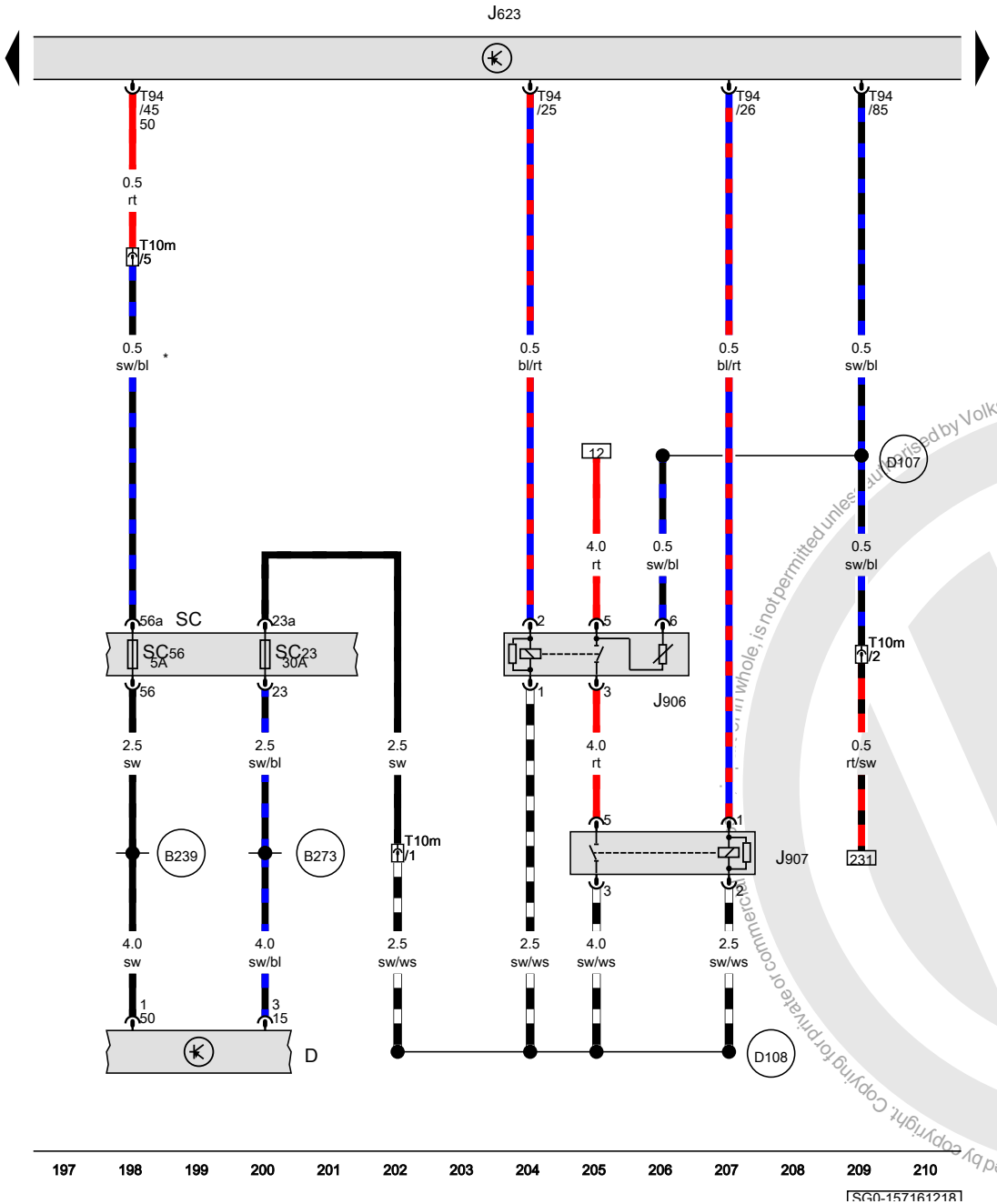
Fuel pump relay, Electric fuel pump 2 relay, Engine/motor control unit, Supplementary fuel pump



J17	Fuel pump relay, in E-box in engine compartment
J49	Electric fuel pump 2 relay, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
T2dp	2-pin connector, black, near fuel filter
T10d	10-pin connector, blue, in E-box in engine compartment
T10e	10-pin connector, white, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
V393	Supplementary fuel pump
12	Earth point, on left in engine compartment
132	Earth connection 3, in engine compartment wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Ignition/starter switch, Engine/motor control unit, Starter relay 1, Starter relay 2, Fuse holder C, Fuse 23 on fuse holder C, Fuse 56 on fuse holder C

D	Ignition/starter switch
J623	Engine/motor control unit, in E-box in engine compartment
J906	Starter relay 1, in E-box in engine compartment
J907	Starter relay 2, in E-box in engine compartment
SC	Fuse holder C
SC23	Fuse 23 on fuse holder C
SC56	Fuse 56 on fuse holder C
T10m	10-pin connector, light pink, in E-box in engine compartment
T94	94-pin connector, black
B239	Positive connection 1 (50), in interior wiring harness
B273	Positive connection (15), in main wiring harness
D107	Connection 5 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
*	For models with no electric interface

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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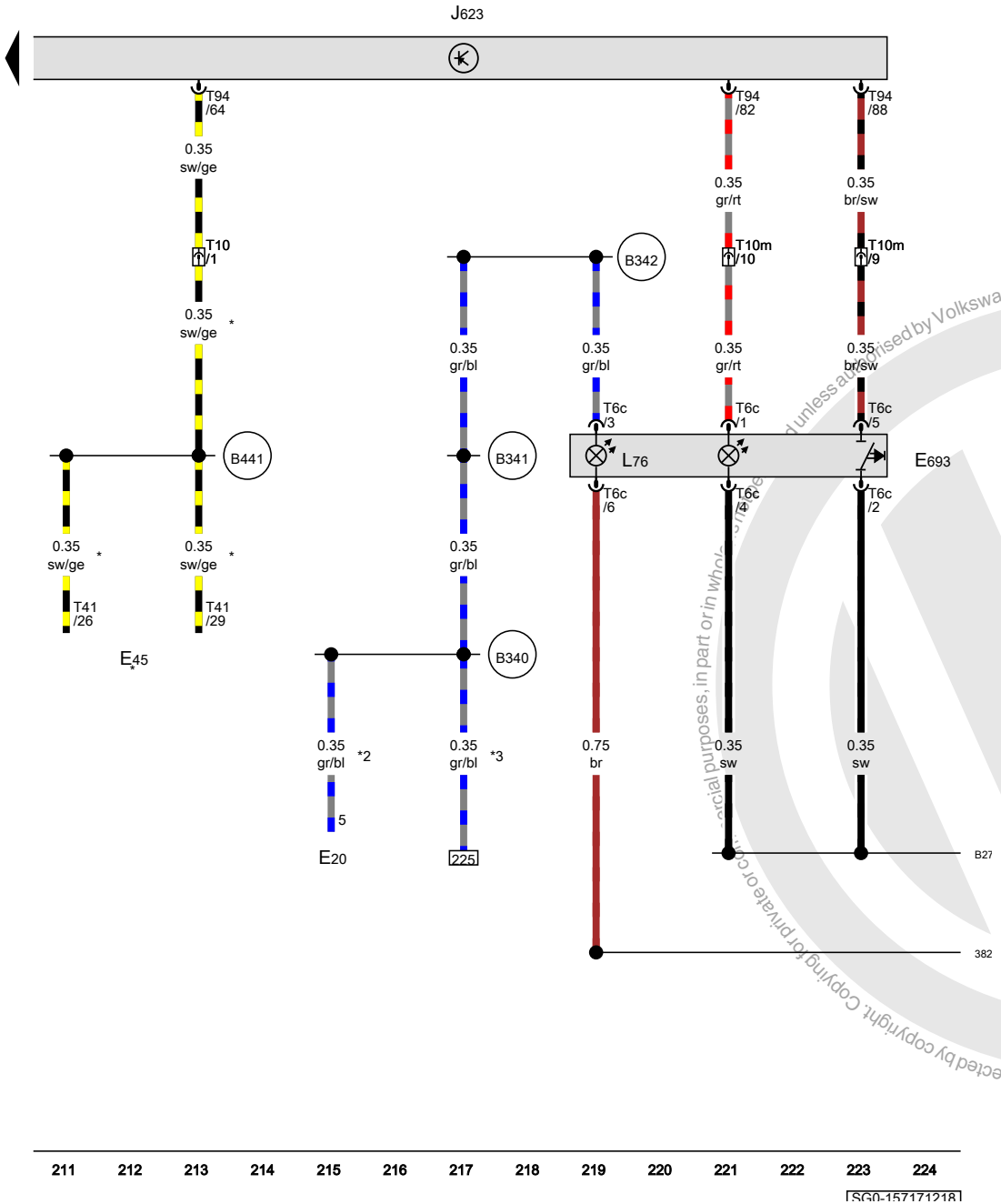

Cruise control system switch, Start/Stop operation button, Engine/motor control unit

E20	Switch and instrument illumination regulator
E45	Cruise control system switch
E693	Start/Stop operation button
J623	Engine/motor control unit, in E-box in engine compartment
L76	Button illumination bulb
T6c	6-pin connector, white
T10	10-pin connector, black, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T41	41-pin connector, grey
T94	94-pin connector, black
382	Earth connection 17, in main wiring harness
B277	Positive connection 1 (15a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B342	Connection 3 (58d), in main wiring harness
B441	Connection (CCS), in main wiring harness
*	For models with cruise control system (CCS)
*2	For models with dimmable instrument illumination
*3	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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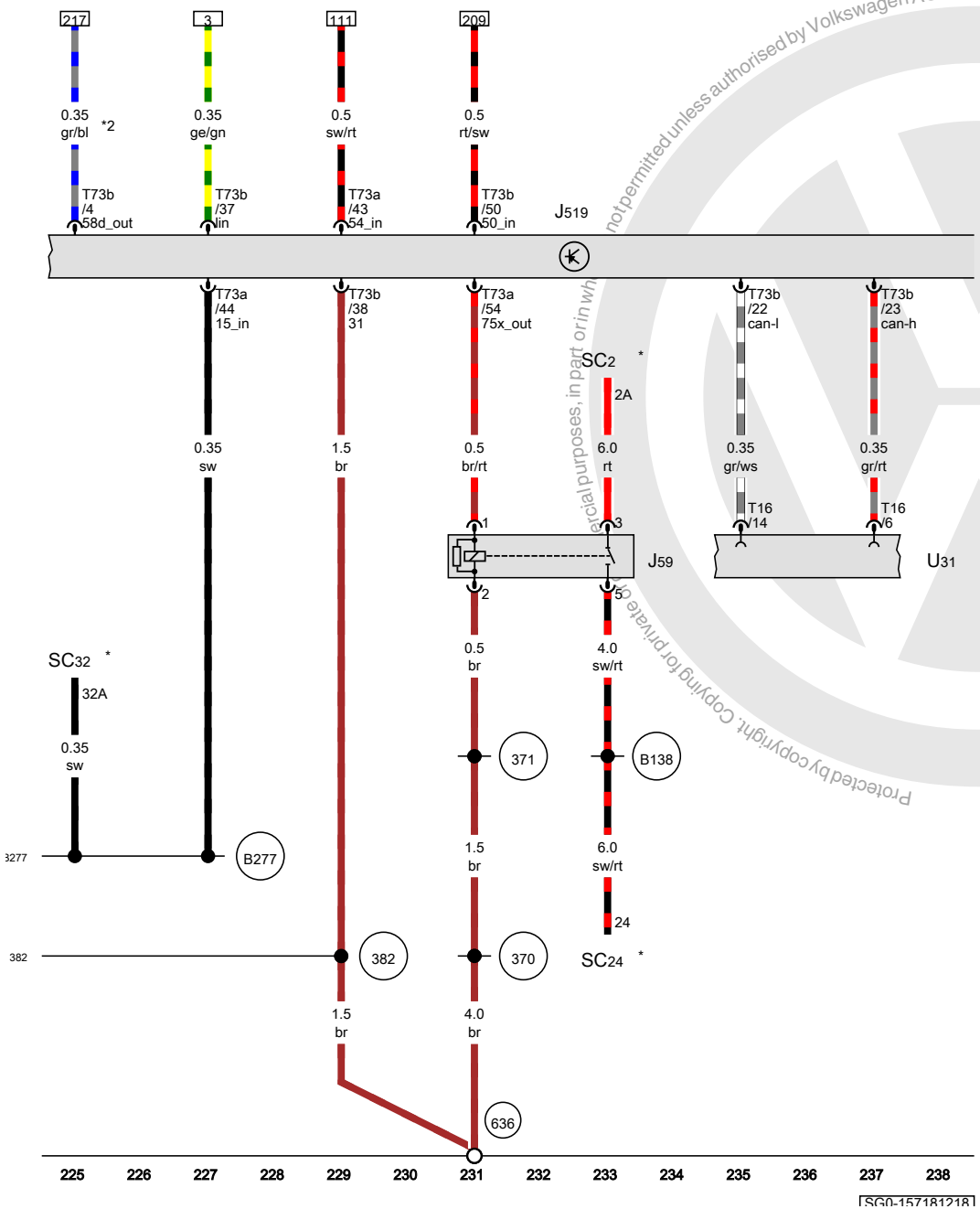

X-contact relief relay, Onboard supply control unit, Diagnostic connection

J59	X-contact relief relay
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
SC24	Fuse 24 on fuse holder C
SC32	Fuse 32 on fuse holder C
T16	16-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
U31	Diagnostic connection
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
382	Earth connection 17, in main wiring harness
636	Earth point, onboard supply control unit
B138	Positive connection (X), in interior wiring harness
B277	Positive connection 1 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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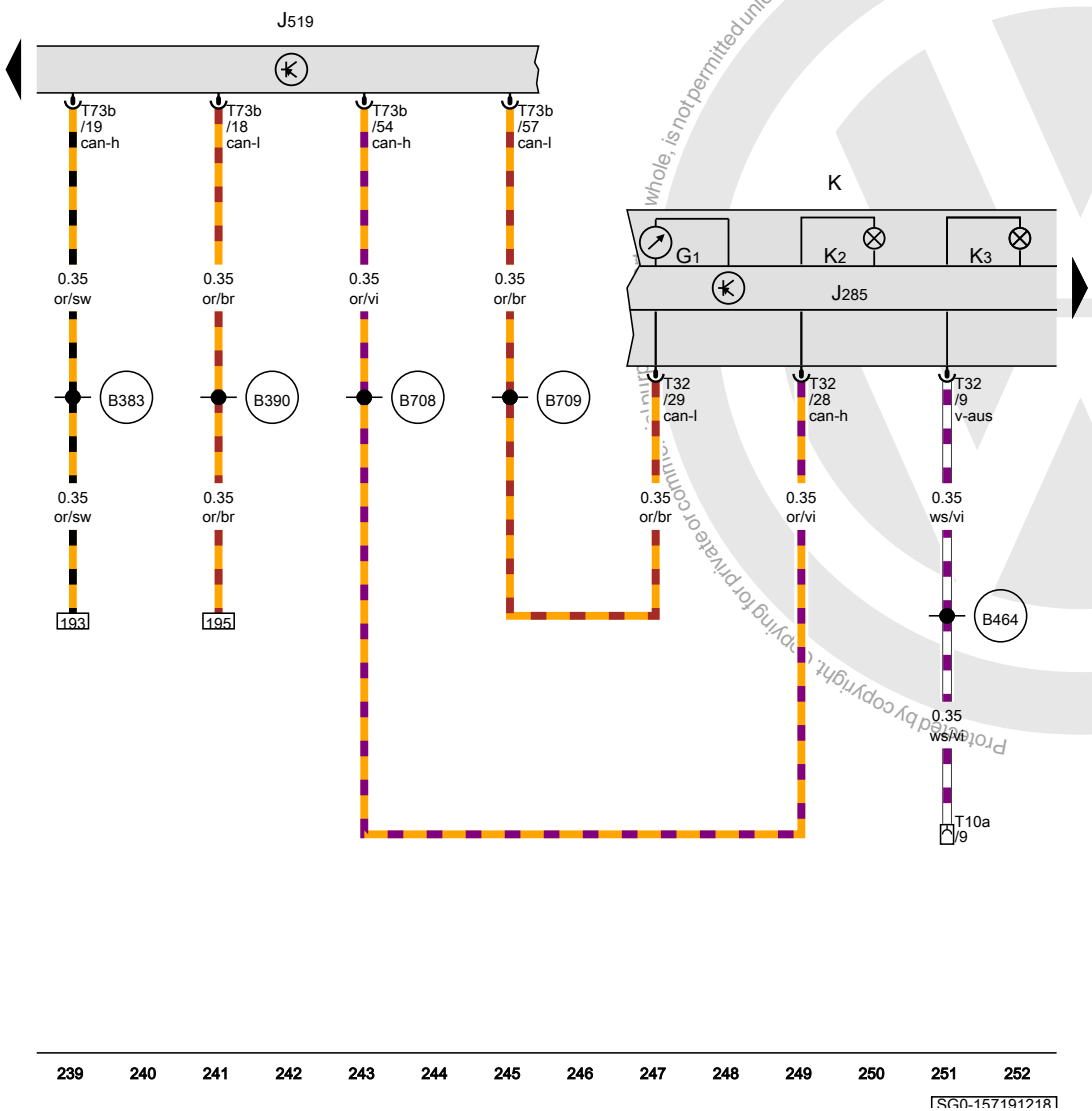
Fuel gauge, Onboard supply control unit, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp



G1	Fuel gauge
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
T10a	10-pin connector, brown, in E-box in engine compartment
T32	32-pin connector, blue
T73b	73-pin connector, white
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B464	Connection (speed signal), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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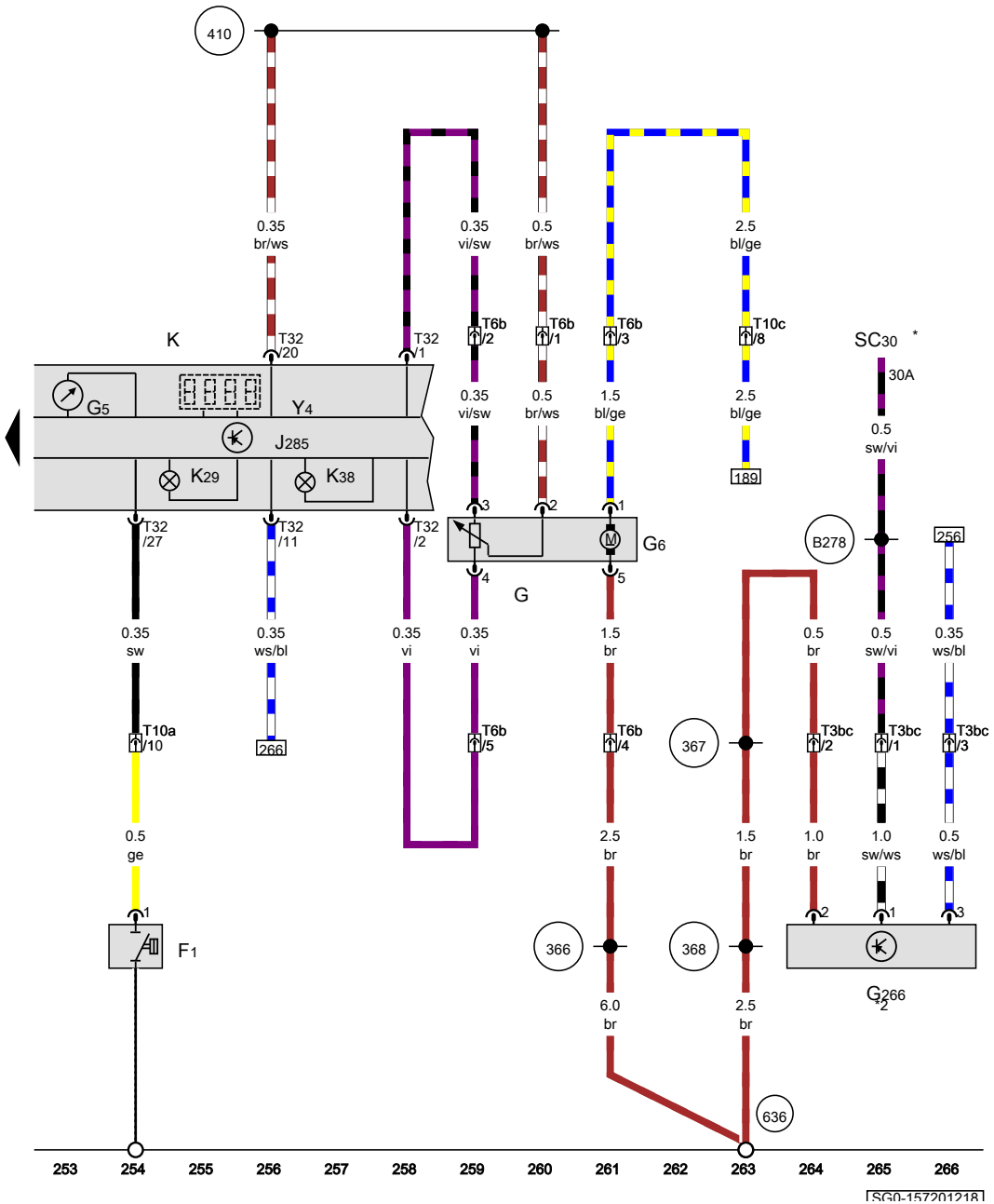
Oil pressure switch, Fuel gauge sender, Rev. counter, Fuel system pressurisation pump, Oil level and oil temperature sender, Dash panel insert, Glow period warning lamp, Oil level warning lamp



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

F1	Oil pressure switch
G	Fuel gauge sender
G5	Rev. counter
G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K	Dash panel insert
K29	Glow period warning lamp
K38	Oil level warning lamp
SC30	Fuse 30 on fuse holder C
T3bc	3-pin connector, black, on underbody, near cross panel
T6b	6-pin connector, black, on fuel tank
T10a	10-pin connector, brown, in E-box in engine compartment
T10c	10-pin connector, yellow, in E-box in engine compartment
T32	32-pin connector, blue
Y4	Trip counter
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
410	Earth connection 1 (sender earth) in main wiring harness
636	Earth point, onboard supply control unit
B278	Positive connection 2 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with extended service intervals (ESI)

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2.0l diesel engine with start/stop system , CFCA,(7L6)

From August 2018

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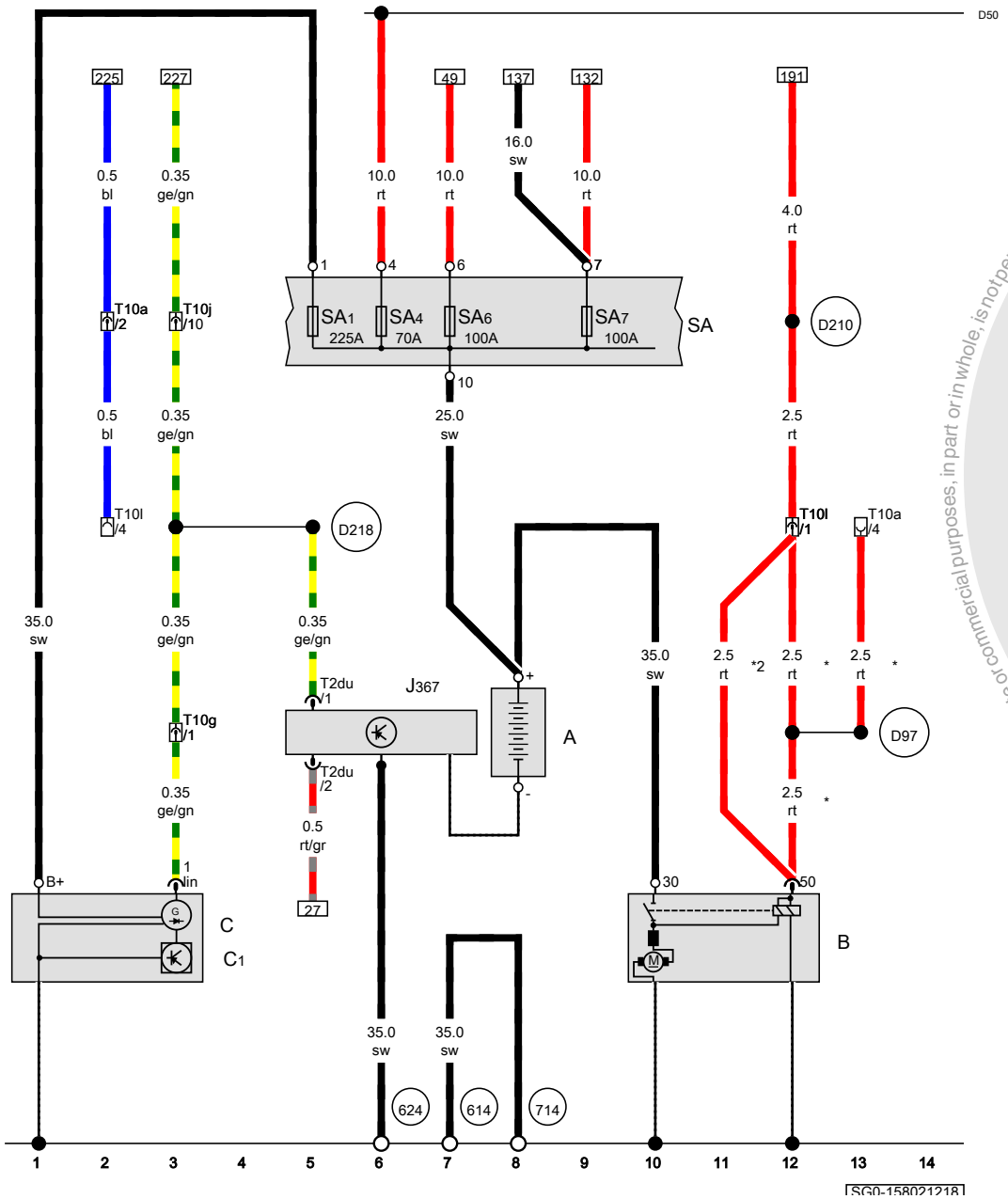

Battery, Starter, Alternator, Voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J367	Battery monitor control unit
SA	Fuse holder A, in E-box in engine compartment
SA1	Fuse 1 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
T2du	2-pin connector, black
T10a	10-pin connector, brown, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T10j	10-pin connector, dark brown, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
614	Earth point 2, on right in engine compartment
624	Earth point, starter battery
714	Earth point on right of engine
D50	Positive connection (30), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D210	Connection (50), in engine compartment wiring harness
D218	Connection 1 (LIN bus) in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox (DSG)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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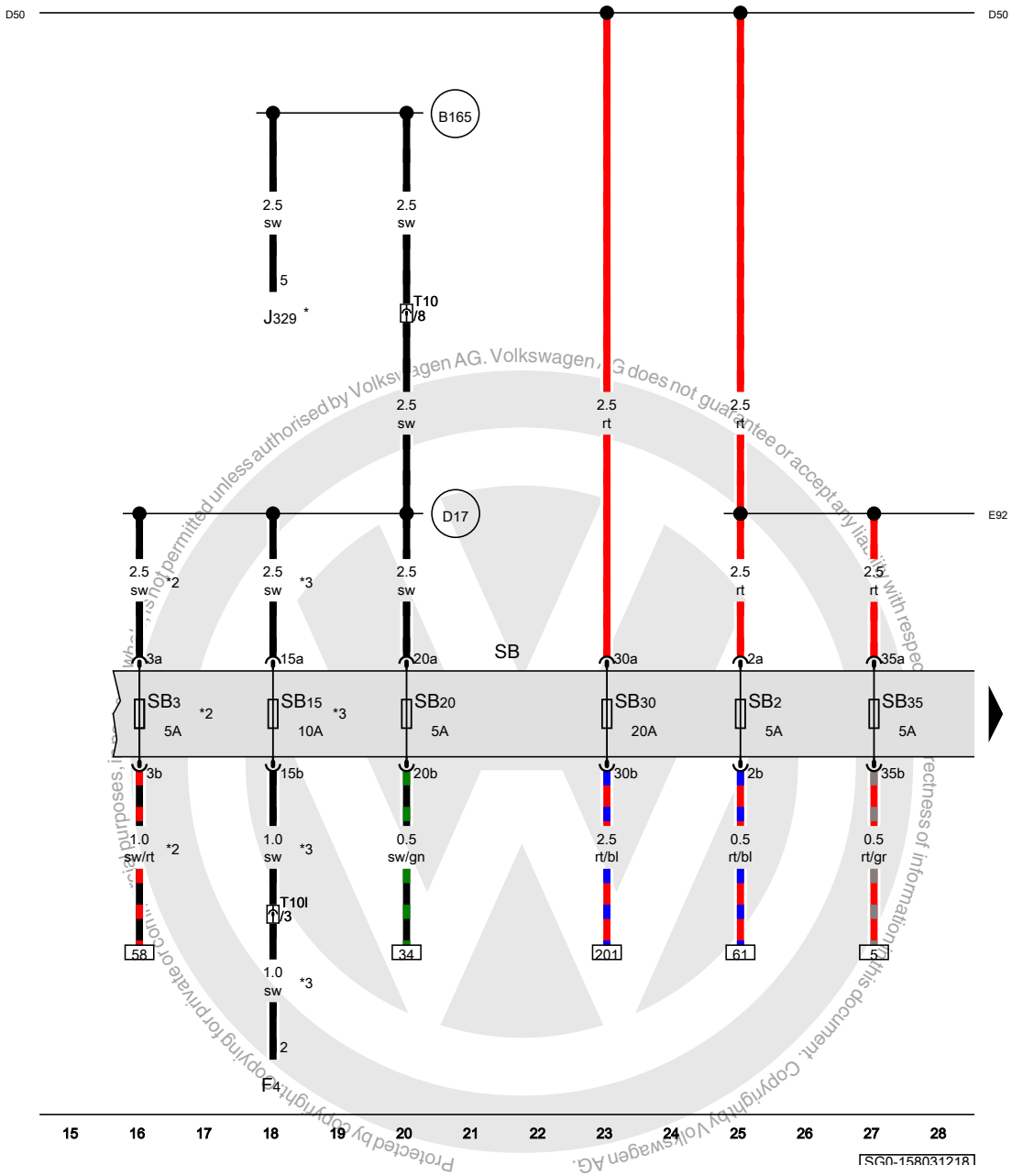

Fuse holder B

F4	Reversing light switch
J329	Terminal 15 voltage supply relay
SB	Fuse holder B, in E-box in engine compartment
SB2	Fuse 2 on fuse holder B
SB3	Fuse 3 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB30	Fuse 30 on fuse holder B
SB35	Fuse 35 on fuse holder B
T10	10-pin connector, black, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
B165	Positive connection 2 (15), in interior wiring harness
D17	Positive connection 1 (15), in engine harness
D50	Positive connection (30), in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with crankcase breather heater element
*3	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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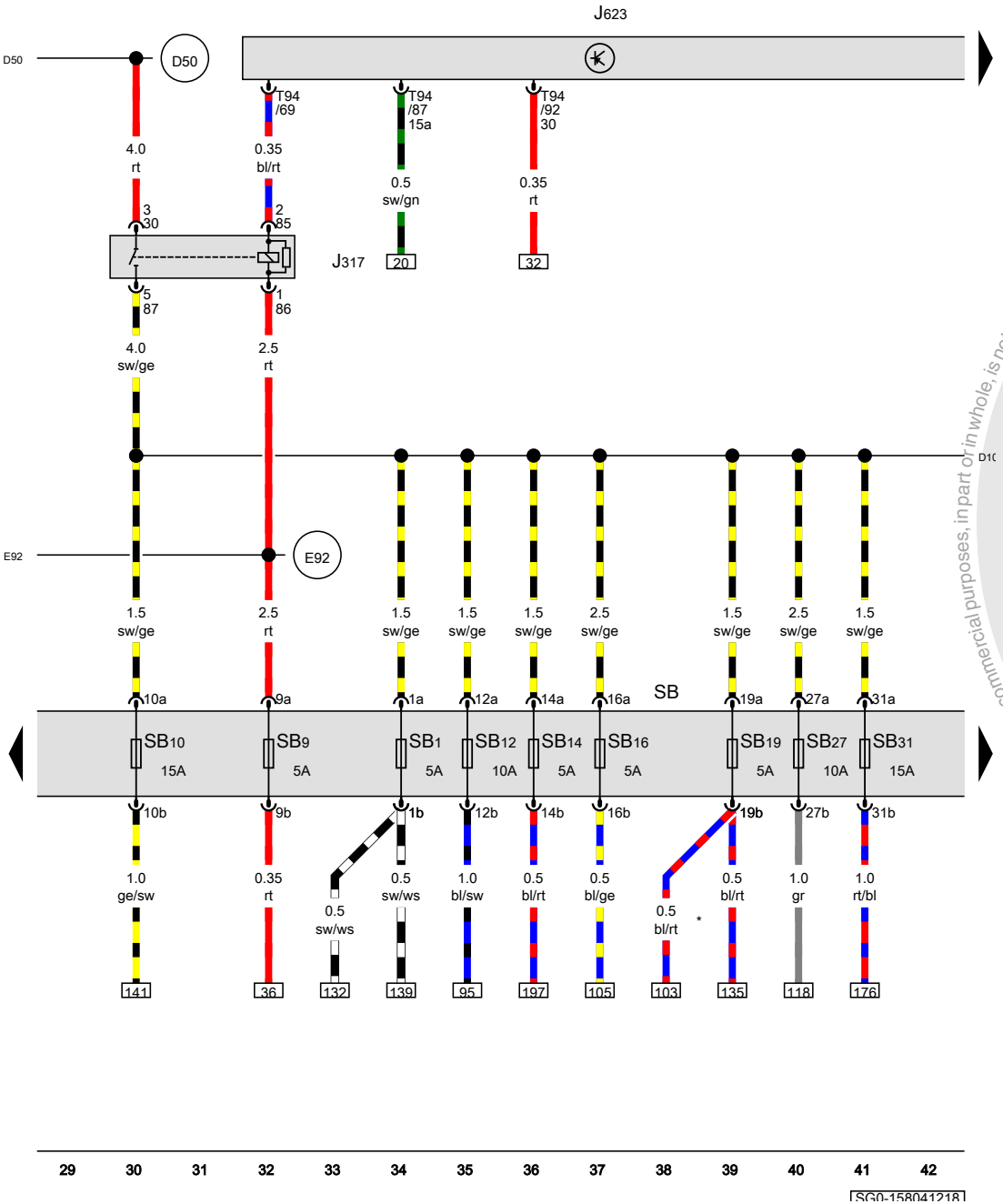
Terminal 30 voltage supply relay, Engine/motor control unit, Fuse holder B



J317	Terminal 30 voltage supply relay, in E-box
J623	Engine/motor control unit, in E-box in engine compartment
SB	Fuse holder B, in E-box in engine compartment
SB1	Fuse 1 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB19	Fuse 19 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB31	Fuse 31 on fuse holder B
T94	94-pin connector, black
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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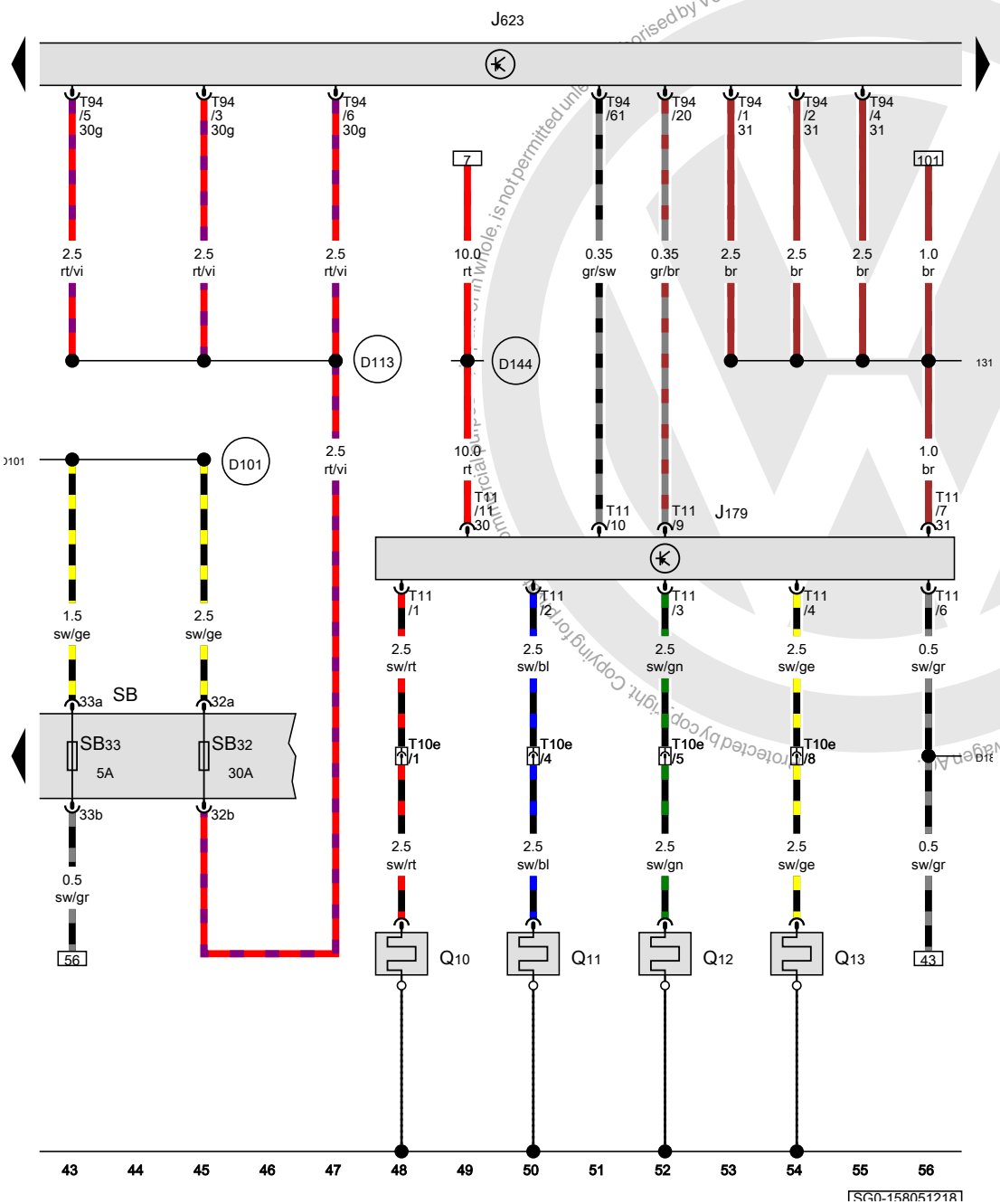

Automatic glow period control unit, Engine/motor control unit, Fuse holder B

J179	Automatic glow period control unit, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
SB	Fuse holder B, in E-box in engine compartment
SB32	Fuse 32 on fuse holder B
SB33	Fuse 33 on fuse holder B
T10e	10-pin connector, white, in E-box in engine compartment
T11	11-pin connector, black
T94	94-pin connector, black
131	Earth connection 2, in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness
D144	Positive connection 5 (30), in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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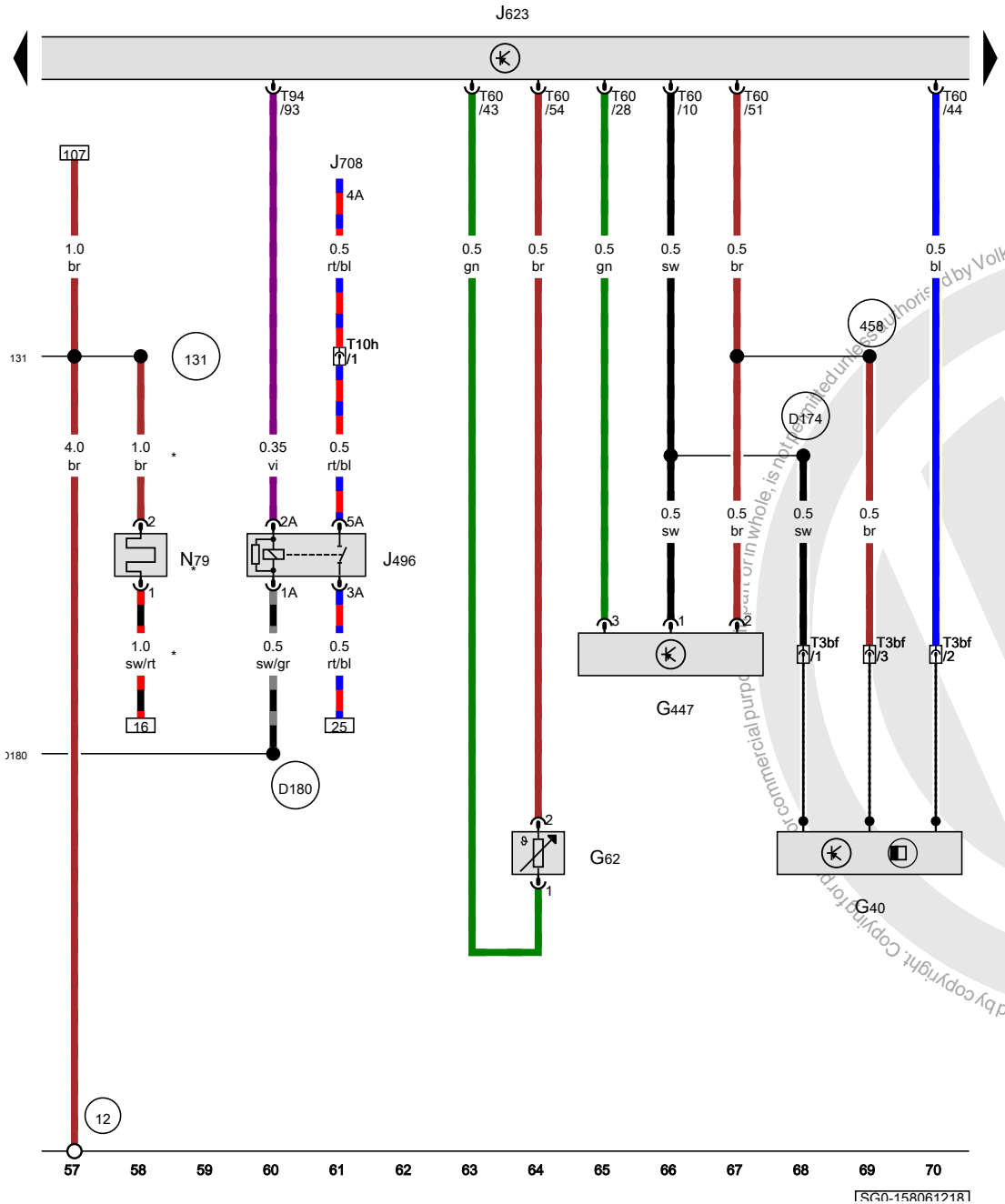

Hall sender, Coolant temperature sender, Charge pressure sender 2, Additional coolant pump relay, Engine/motor control unit, Heater element for crankcase breather

G40	Hall sender
G62	Coolant temperature sender
G447	Charge pressure sender 2
J496	Additional coolant pump relay, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
J708	Residual heat relay
N79	Heater element for crankcase breather
T3bf	3-pin connector, black, near alternator
T10h	10-pin connector, orange, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
458	Earth point 3, engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness
D180	Connection (87a), in engine compartment wiring harness
*	For models with crankcase breather heater element

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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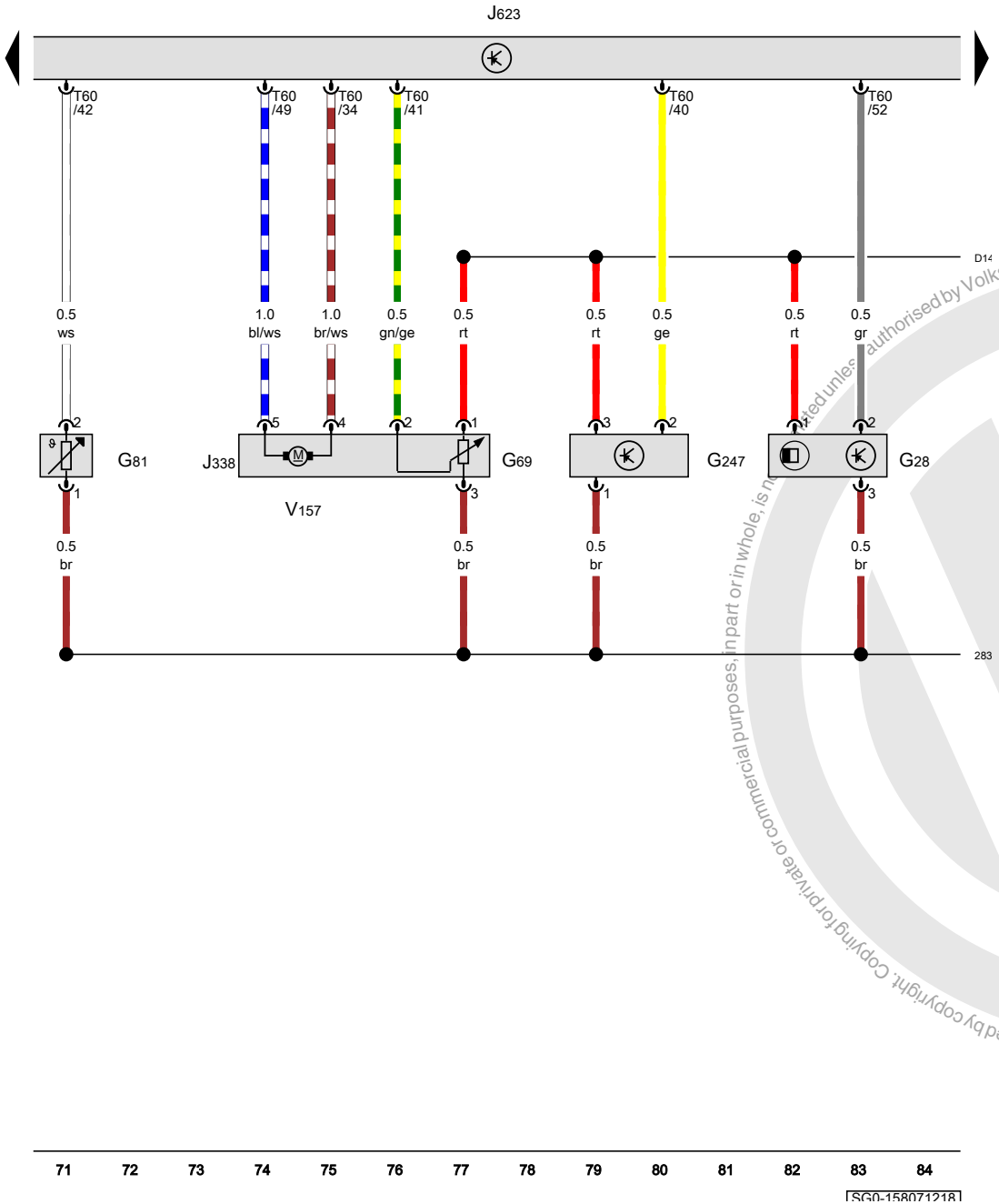
Engine speed sender, Throttle valve potentiometer, Fuel temperature sender, Fuel pressure sender, Throttle valve module, Engine/motor control unit, Intake manifold flap motor



G28	Engine speed sender
G69	Throttle valve potentiometer
G81	Fuel temperature sender
G247	Fuel pressure sender
J338	Throttle valve module
J623	Engine/motor control unit, in E-box in engine compartment
T60	60-pin connector, black
V157	Intake manifold flap motor
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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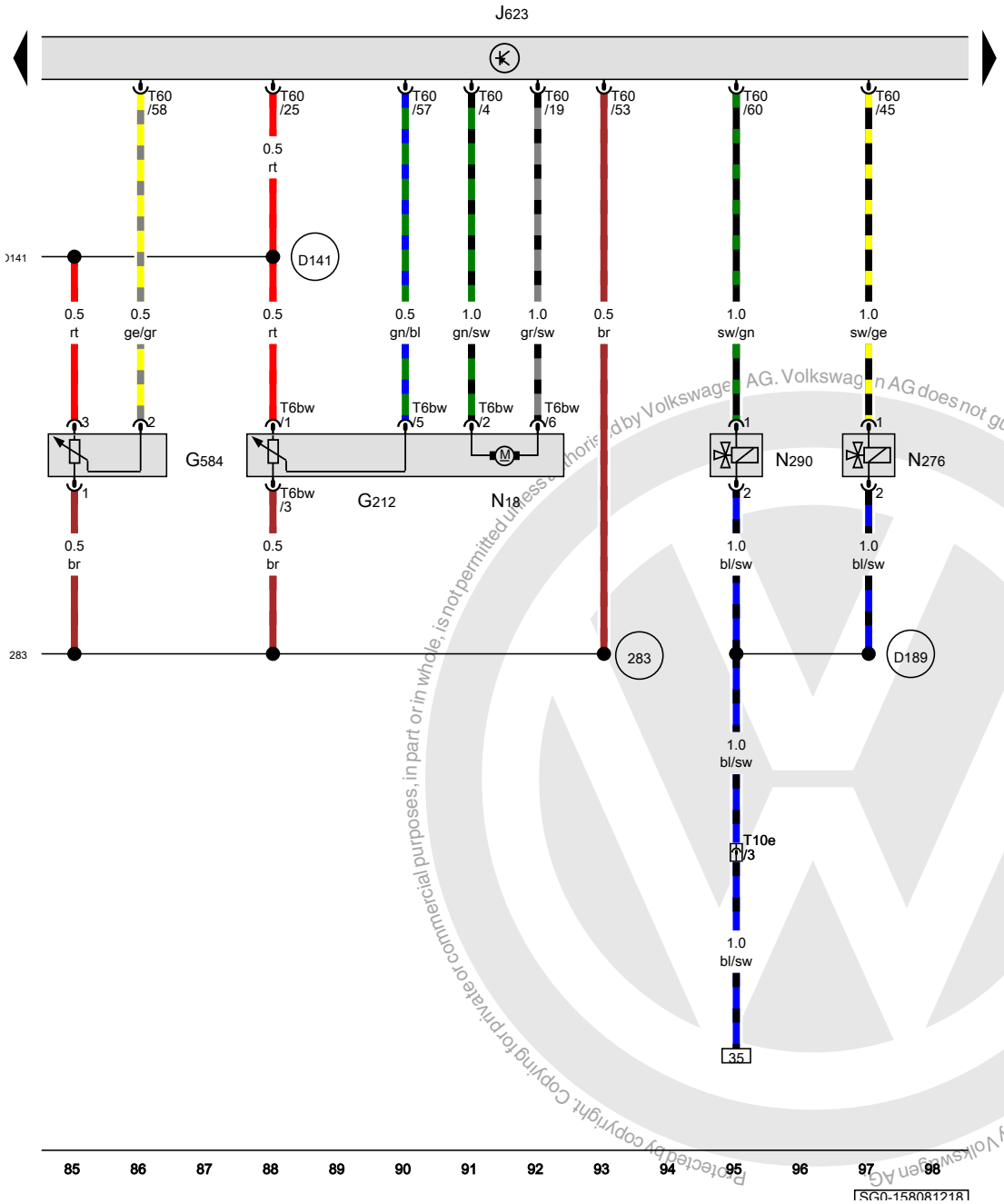

Exhaust gas recirculation potentiometer, Regulating flap potentiometer, Engine/motor control unit, Exhaust gas recirculation valve, Fuel pressure regulating valve, Fuel metering valve

G212	Exhaust gas recirculation potentiometer
G584	Regulating flap potentiometer
J623	Engine/motor control unit, in E-box in engine compartment
N18	Exhaust gas recirculation valve
N276	Fuel pressure regulating valve
N290	Fuel metering valve
T6bw	6-pin connector, grey
T10e	10-pin connector, white, in E-box in engine compartment
T60	60-pin connector, black
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness
D189	Connection (87a) in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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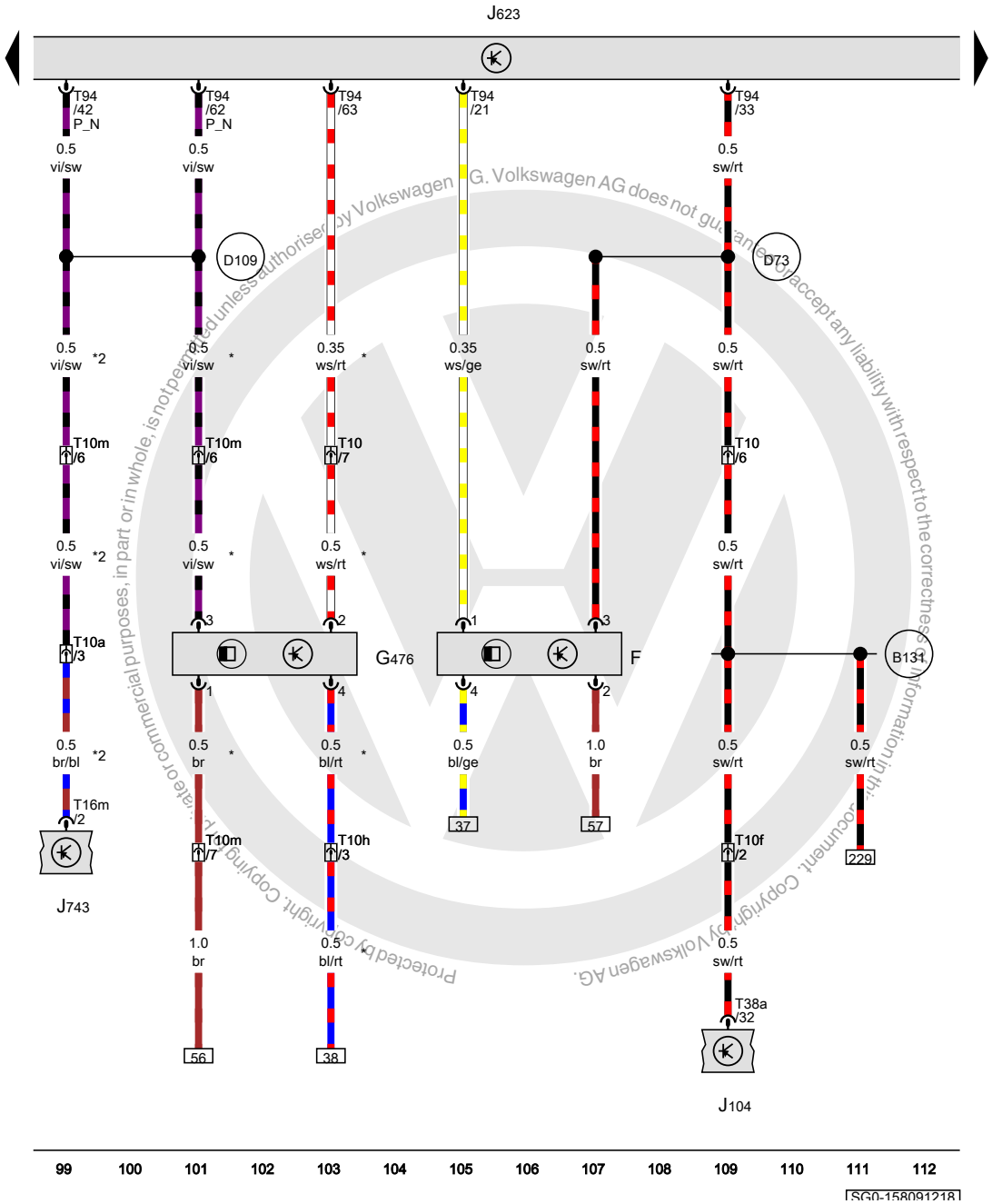
Brake light switch, Clutch position sender, Engine/motor control unit, Mechatronic unit for dual clutch gearbox



F	Brake light switch, on brake master cylinder
G476	Clutch position sender
J104	ABS control unit
J623	Engine/motor control unit, in E-box in engine compartment
J743	Mechatronic unit for dual clutch gearbox
T10	10-pin connector, black, in E-box in engine compartment
T10a	10-pin connector, brown, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T16m	16-pin connector, black
T38a	38-pin connector, black
T94	94-pin connector, black
B131	Connection (54), in interior wiring harness
D73	Positive connection (54), in engine compartment wiring harness
D109	Connection 7 in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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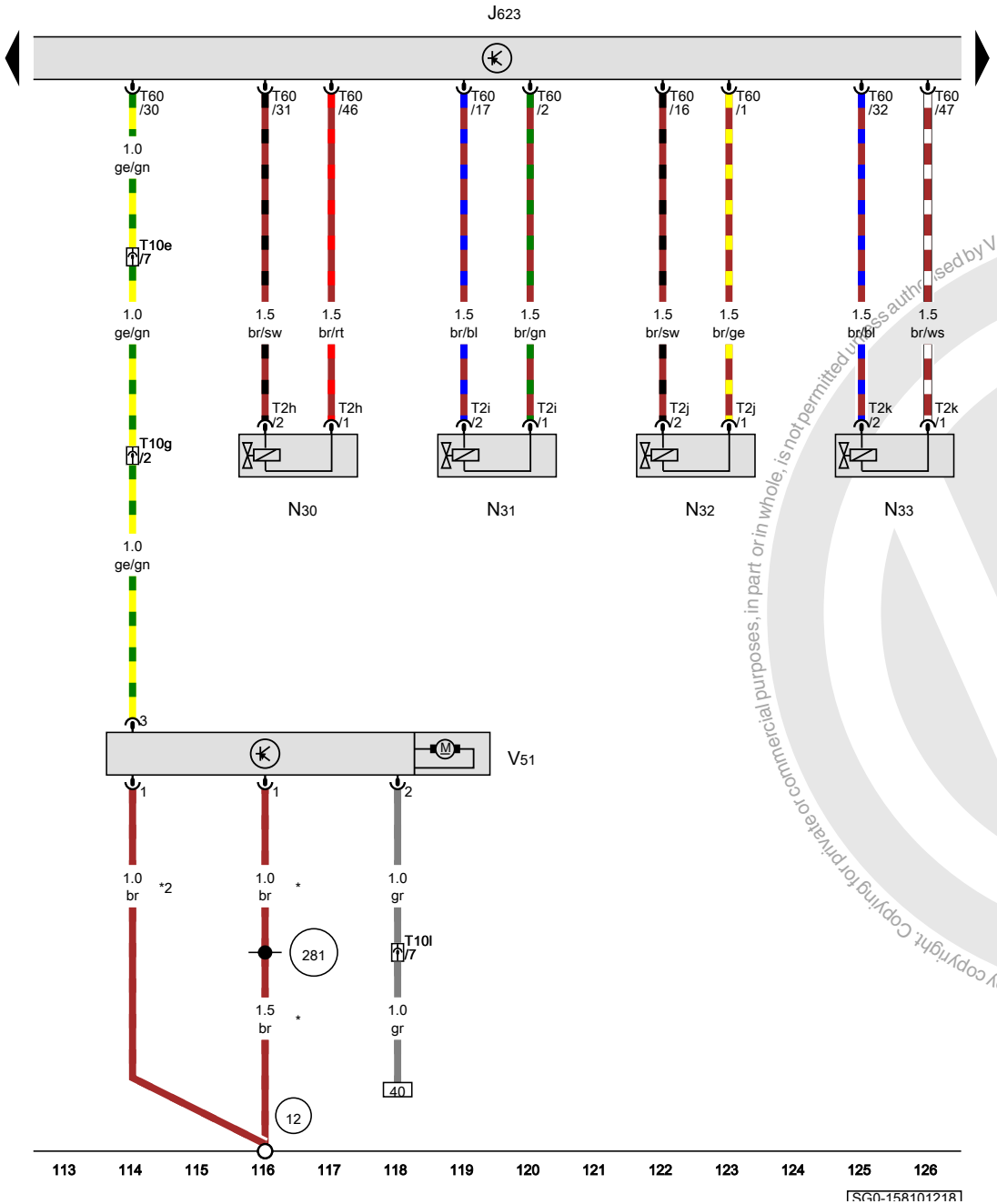

Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Continued coolant circulation pump

J623	Engine/motor control unit, in E-box in engine compartment
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2h	2-pin connector, black
T2i	2-pin connector, black
T2j	2-pin connector, black
T2k	2-pin connector, black
T10e	10-pin connector, white, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T60	60-pin connector, black
V51	Continued coolant circulation pump
12	Earth point, on left in engine compartment
281	Earth point 1, engine prewiring harness
*	For models with dual clutch gearbox (DSG)
*2	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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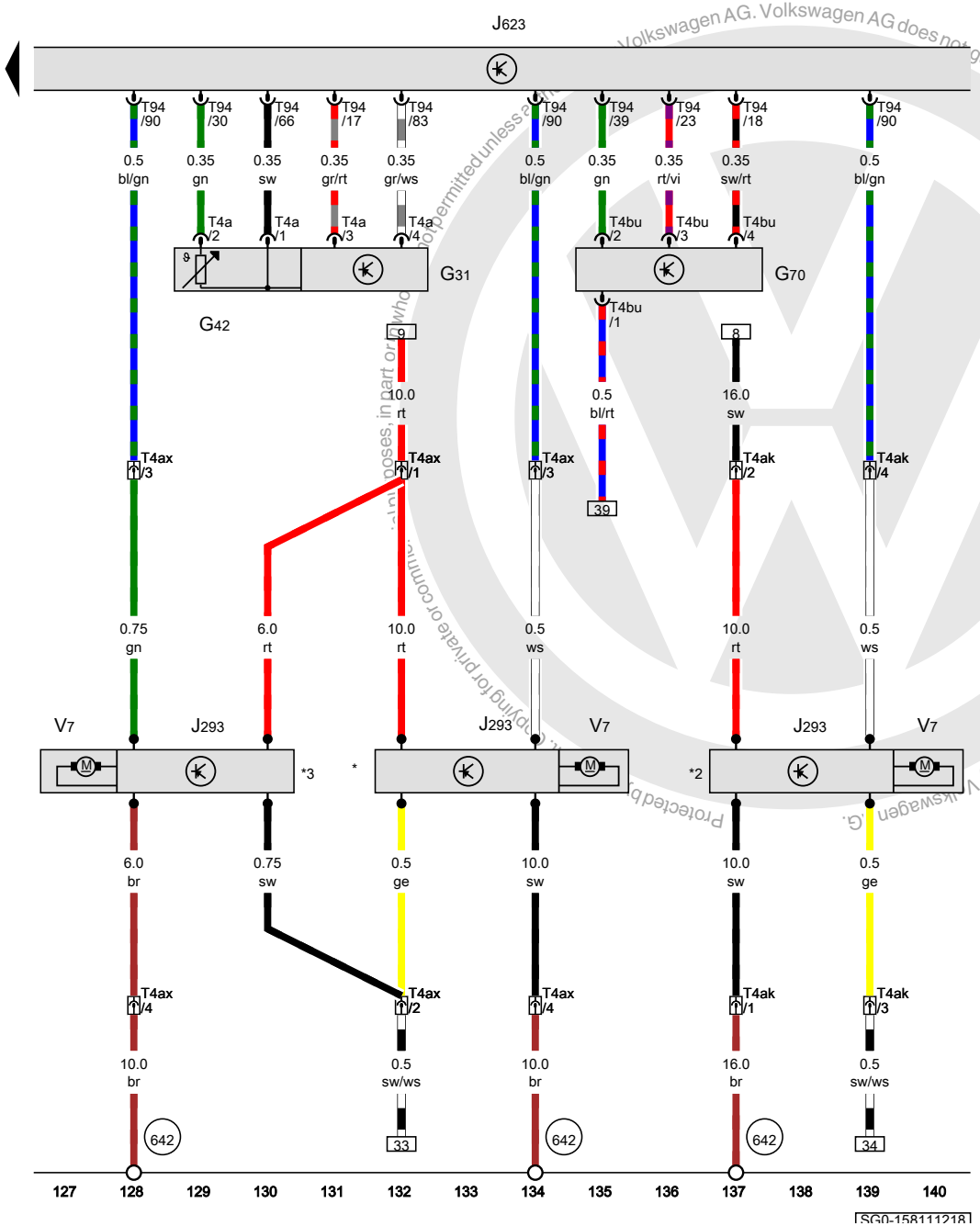

Charge pressure sender, Intake air temperature sender, Air mass meter, Radiator fan control unit, Engine/motor control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G70	Air mass meter
J293	Radiator fan control unit
J623	Engine/motor control unit, in E-box in engine compartment
T4a	4-pin connector, black
T4ak	4-pin connector, black, near radiator fan
T4ax	4-pin connector, black, near radiator fan
T4bu	4-pin connector, black
T94	94-pin connector, black
V7	Radiator fan
642	Earth point for electronically controlled fan
*	For models with medium fan output
*2	For models with increased fan output
*3	For models with low fan output

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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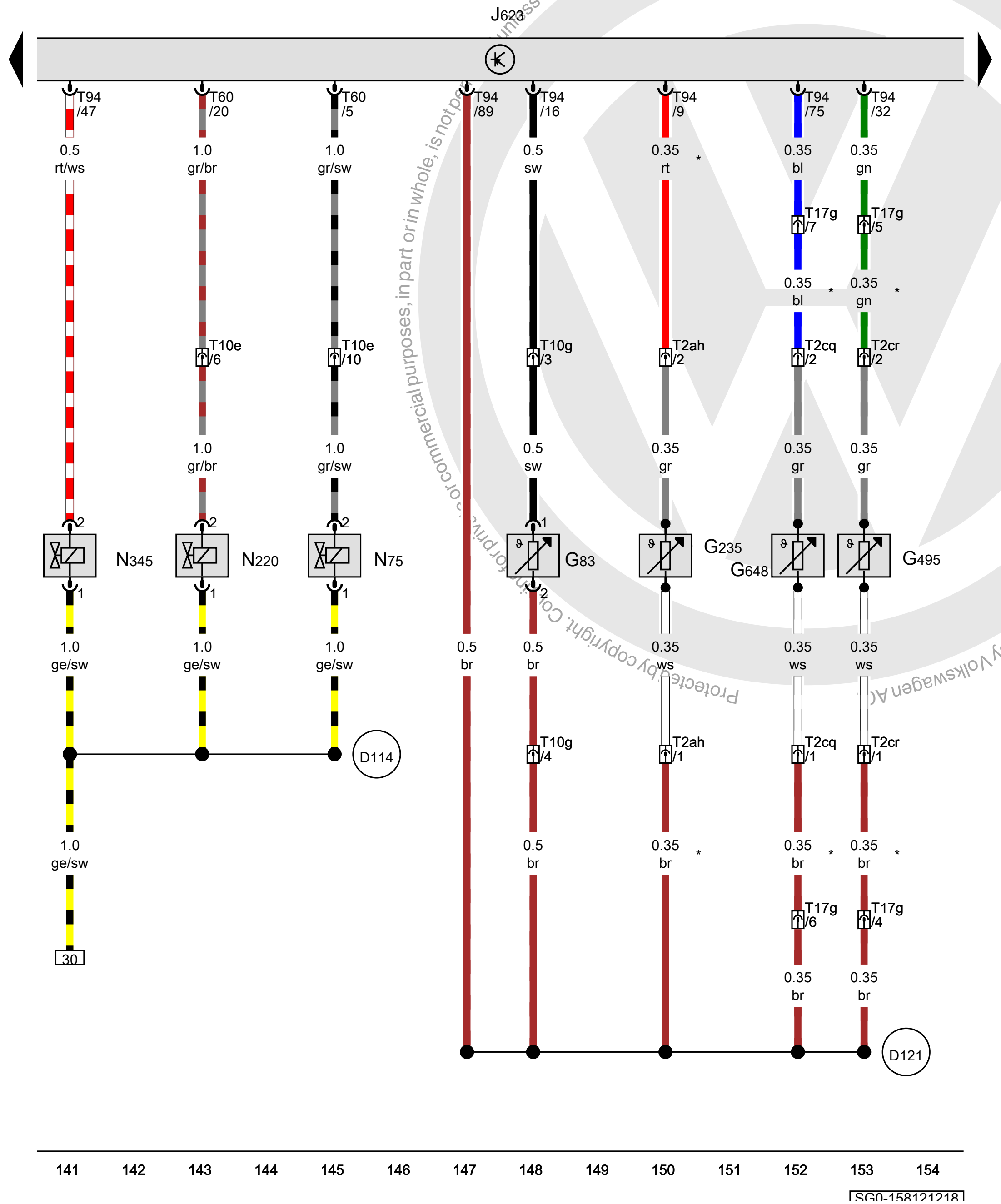
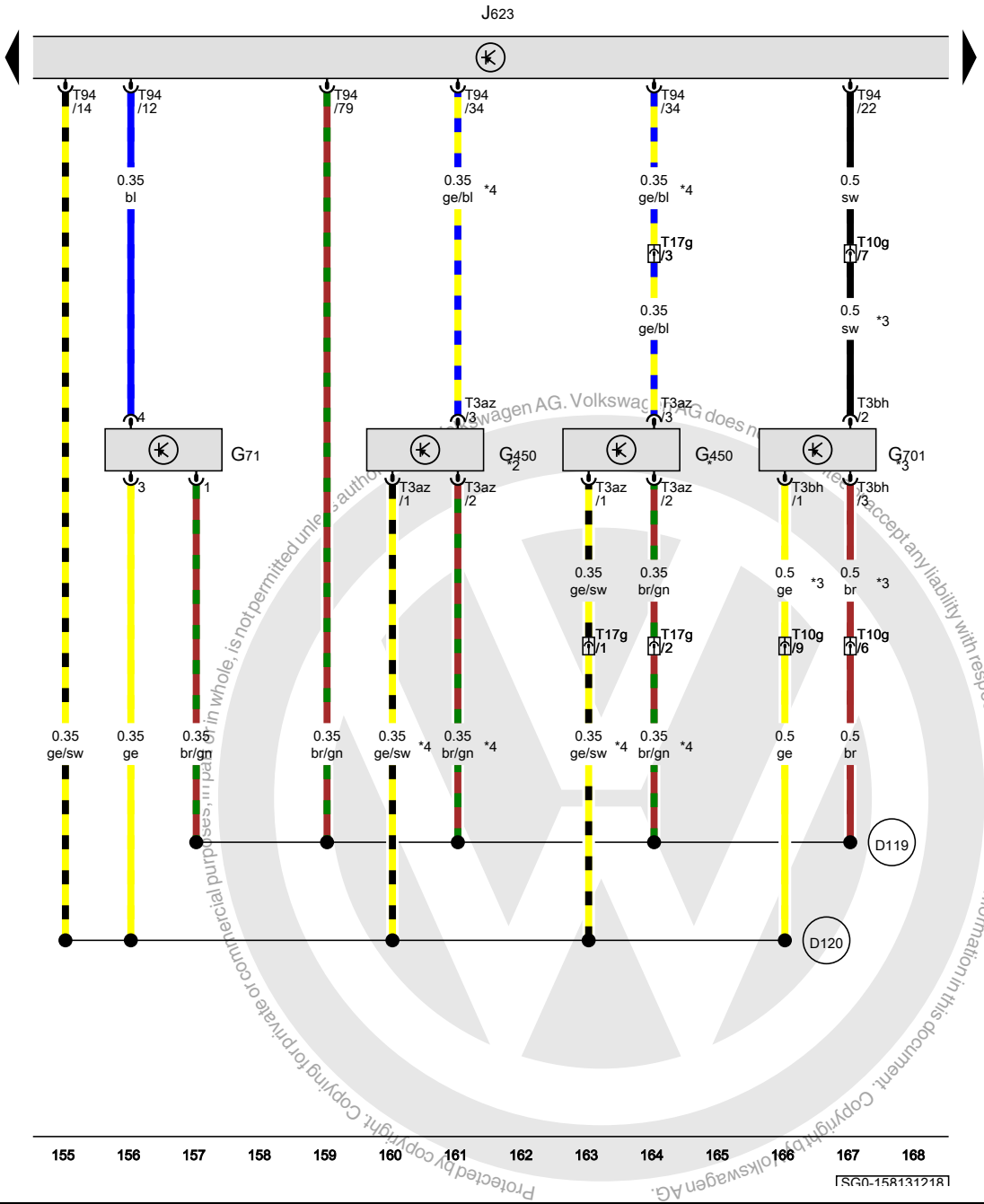


Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine/motor control unit, Charge pressure control solenoid valve, Exhaust flap valve, Exhaust gas recirculation cooler changeover valve

G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine/motor control unit, in E-box in engine compartment
N75	Charge pressure control solenoid valve
N220	Exhaust flap valve
N345	Exhaust gas recirculation cooler changeover valve
T2ah	2-pin connector, black, on right in engine compartment
T2cq	2-pin connector, light brown, on underbody, near cross panel
T2cr	2-pin connector, brown, on underbody, near cross panel
T10e	10-pin connector, white, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T17g	17-pin connector, black, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
D114	Connection 12 in engine compartment wiring harness
D121	Connection 19 in engine compartment wiring harness
*	For models with diesel particulate filter

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Intake manifold pressure sender, Exhaust gas pressure sensor 1, Engine/motor control unit

G71	Intake manifold pressure sender
G450	Exhaust gas pressure sensor 1
G701	Gearbox neutral position sender
J623	Engine/motor control unit, in E-box in engine compartment
T3az	3-pin connector, black
T3bh	3-pin connector, black
T10g	10-pin connector, grey, in E-box in engine compartment
T17g	17-pin connector, black, in E-box in engine compartment
T94	94-pin connector, black
D119	Connection 17 in engine compartment wiring harness
D120	Connection 18 in engine compartment wiring harness
*	For models with all-wheel drive
*2	For models with no all-wheel drive
*3	For models with manual gearbox
*4	For models with diesel particulate filter

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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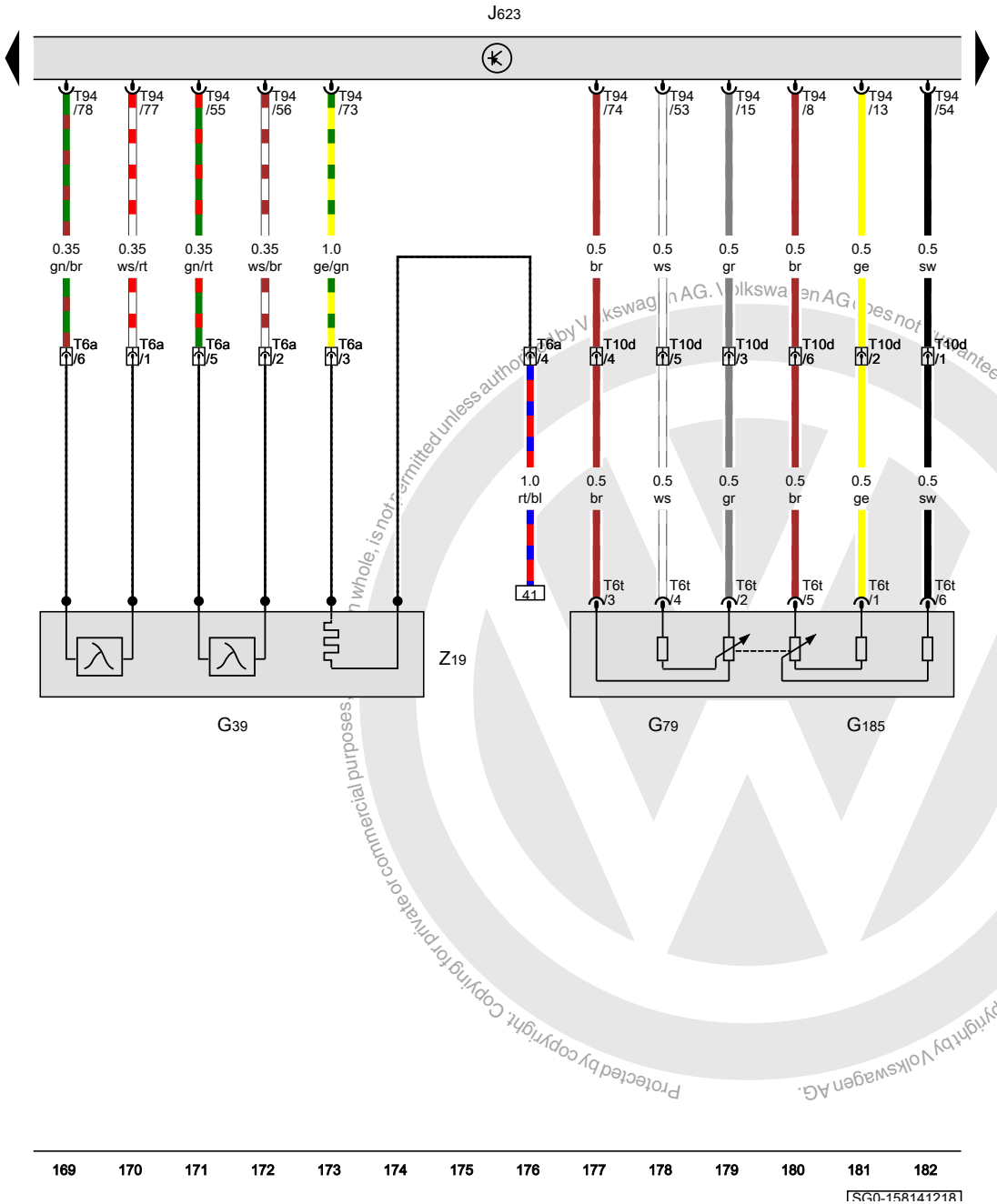

Lambda probe, Accelerator position sender, Accelerator position sender 2, Engine/motor control unit, Lambda probe heater

G39	Lambda probe
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit, in E-box in engine compartment
T6a	6-pin connector, black, on right in engine compartment
T6t	6-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T94	94-pin connector, black
Z19	Lambda probe heater

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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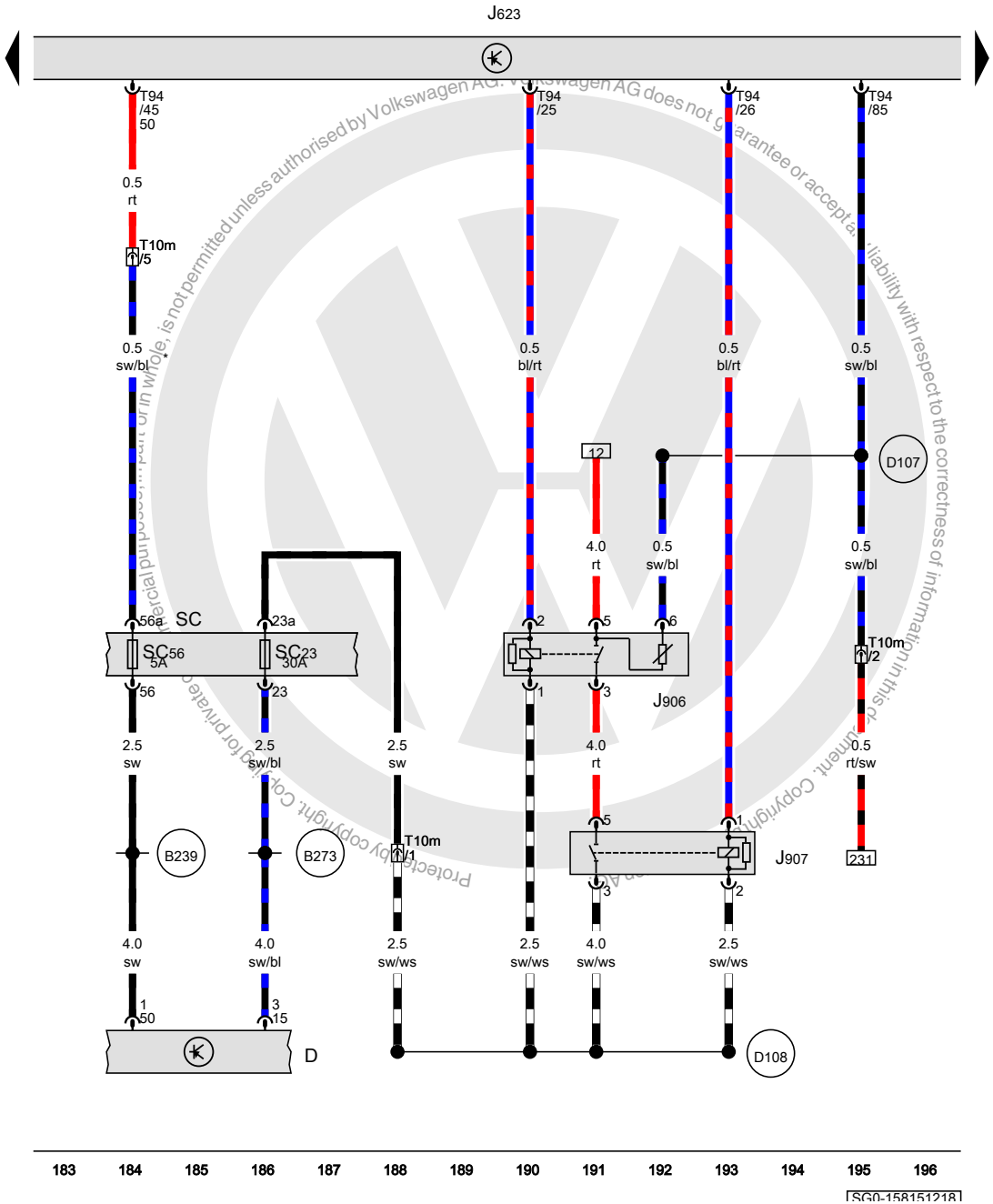

Ignition/starter switch, Engine/motor control unit, Starter relay 1, Starter relay 2, Fuse 23 on fuse holder C, Fuse 56 on fuse holder C

D	Ignition/starter switch
J623	Engine/motor control unit, in E-box in engine compartment
J906	Starter relay 1, in E-box in engine compartment
J907	Starter relay 2, in E-box in engine compartment
SC	Fuse holder C, in centre of dash panel
SC23	Fuse 23 on fuse holder C
SC56	Fuse 56 on fuse holder C
T10m	10-pin connector, light pink, in E-box in engine compartment
T94	94-pin connector, black
B239	Positive connection 1 (50), in interior wiring harness
B273	Positive connection (15), in main wiring harness
D107	Connection 5 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
*	For models with no electric interface

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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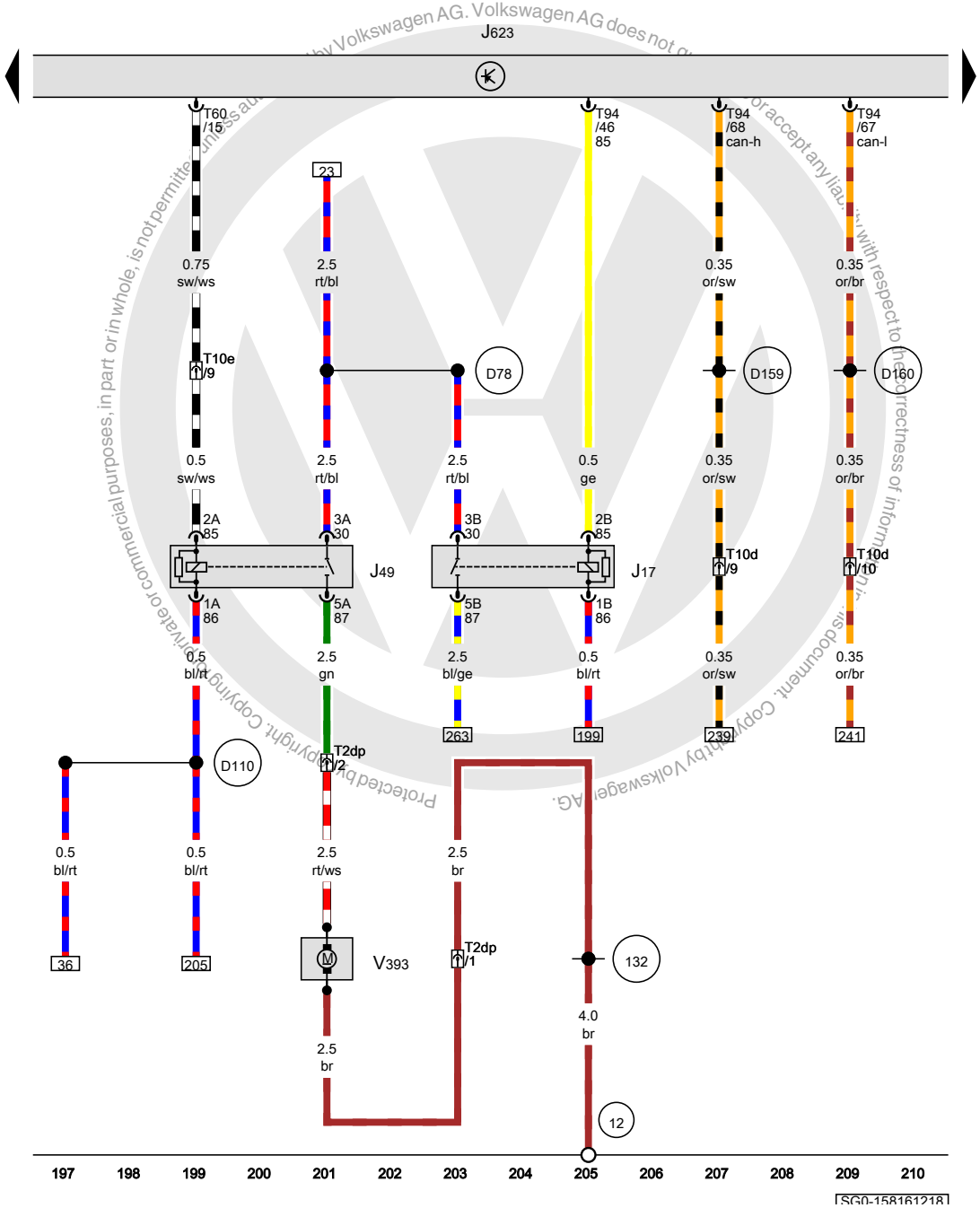

Fuel pump relay, Electric fuel pump 2 relay, Engine/motor control unit, Supplementary fuel pump

J17	Fuel pump relay, in E-box in engine compartment
J49	Electric fuel pump 2 relay, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
T2dp	2-pin connector, black, near fuel filter
T10d	10-pin connector, blue, in E-box in engine compartment
T10e	10-pin connector, white, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
V393	Supplementary fuel pump
12	Earth point, on left in engine compartment
132	Earth connection 3, in engine compartment wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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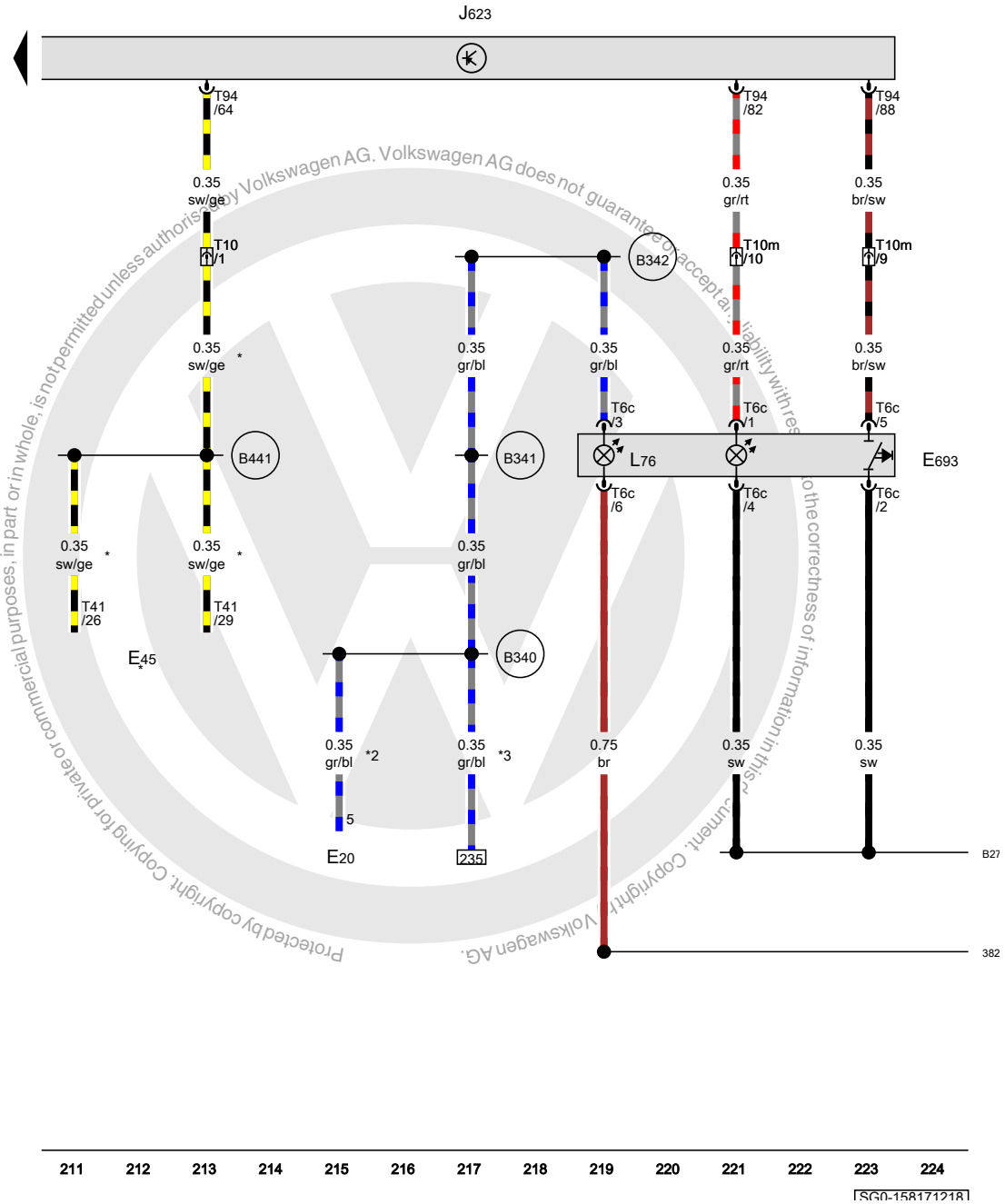

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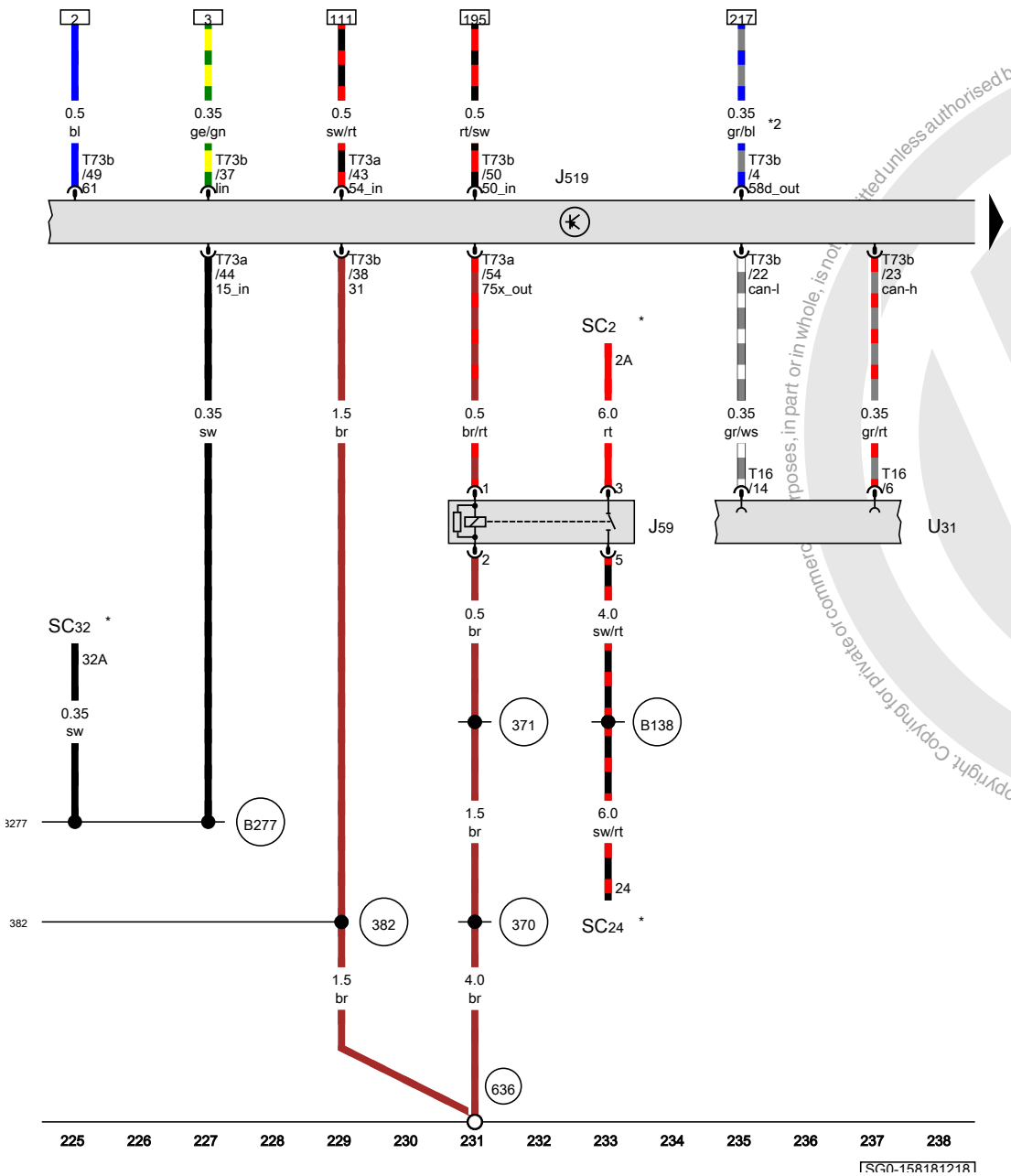
ws	=	white	
sw	=	black	
ro	=	red	
rt	=	red	
br	=	brown	
gn	=	green	
bl	=	blue	
gr	=	grey	
li	=	purple	
vi	=	purple	
ge	=	yellow	
or	=	orange	
rs	=	pink	

Cruise control system switch, Start/Stop operation button, Engine/motor control unit

E20	Switch and instrument illumination regulator
E45	Cruise control system switch
E693	Start/Stop operation button
J623	Engine/motor control unit, in E-box in engine compartment
L76	Button illumination bulb
T6c	6-pin connector, white
T10	10-pin connector, black, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T41	41-pin connector, grey
T94	94-pin connector, black
382	Earth connection 17, in main wiring harness
B277	Positive connection 1 (15a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B342	Connection 3 (58d), in main wiring harness
B441	Connection (CCS), in main wiring harness
*	For models with cruise control system (CCS)
*2	For models with dimmable instrument illumination
*3	For models with no dimmable instrument illumination

X-contact relief relay, Onboard supply control unit, Diagnostic connection



J59	X-contact relief relay
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
SC24	Fuse 24 on fuse holder C
SC32	Fuse 32 on fuse holder C
T16	16-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
U31	Diagnostic connection
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
382	Earth connection 17, in main wiring harness
636	Earth point, onboard supply control unit
B138	Positive connection (X), in interior wiring harness
B277	Positive connection 1 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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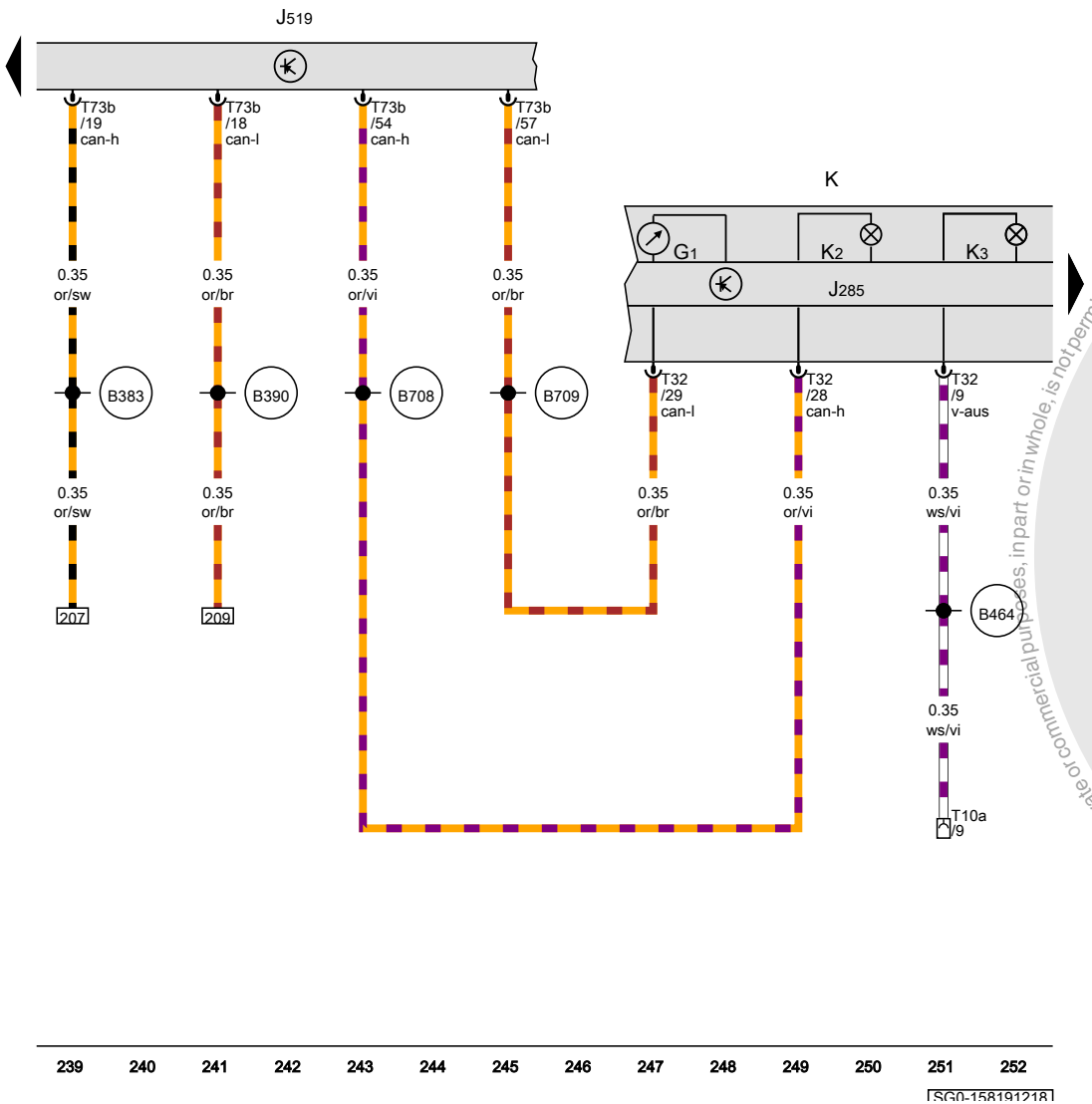
Fuel gauge, Onboard supply control unit, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp

G1	Fuel gauge
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
T10a	10-pin connector, brown, in E-box in engine compartment
T32	32-pin connector, blue
T73b	73-pin connector, white
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B464	Connection (speed signal), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness



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rt	=	red
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ge	=	yellow
or	=	orange
rs	=	pink

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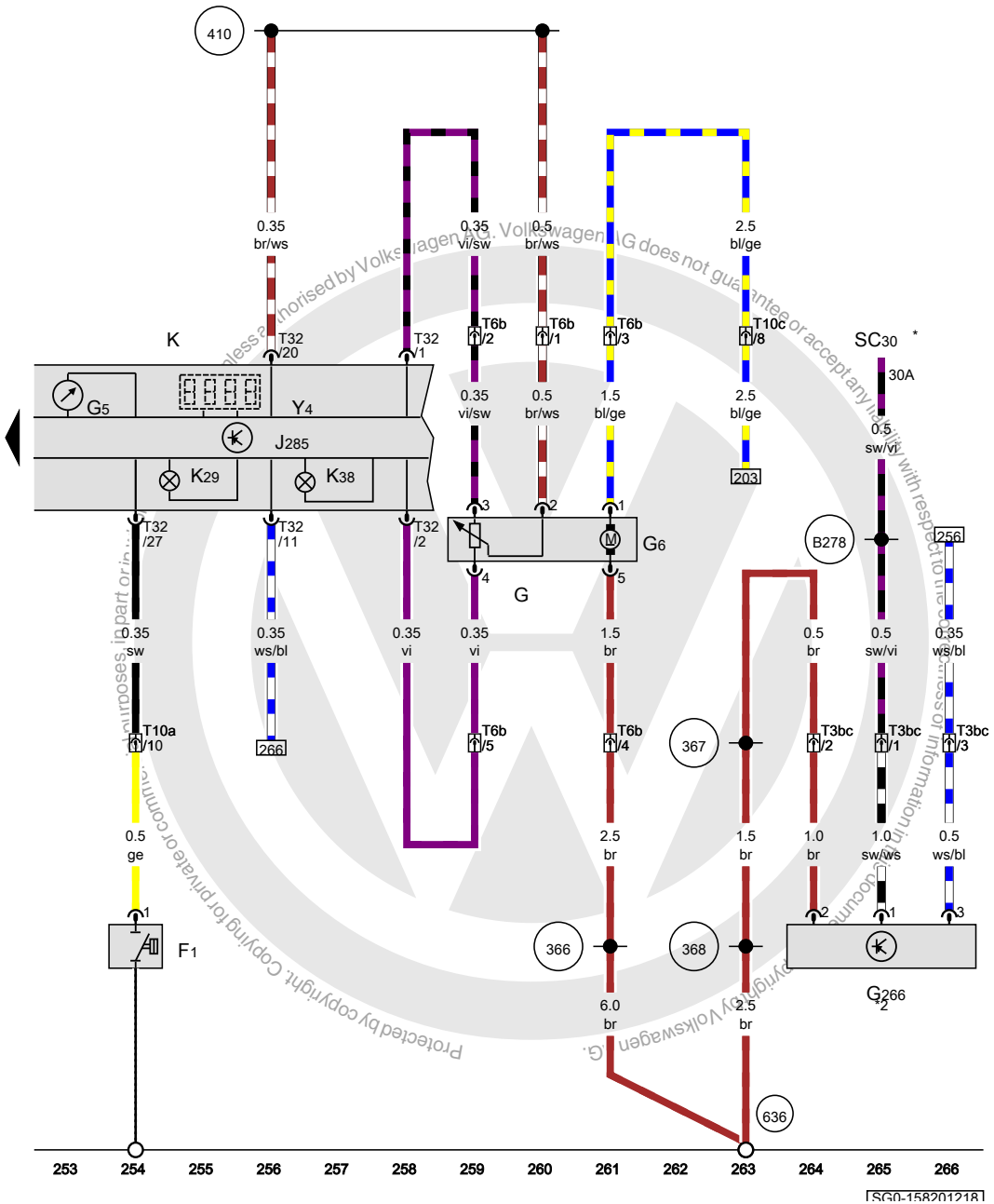

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ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Oil pressure switch, Fuel gauge sender, Rev. counter, Fuel system pressurisation pump, Oil level and oil temperature sender, Dash panel insert, Glow period warning lamp, Oil level warning lamp

F1	Oil pressure switch
G	Fuel gauge sender
G5	Rev. counter
G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K	Dash panel insert
K29	Glow period warning lamp
K38	Oil level warning lamp
SC30	Fuse 30 on fuse holder C
T3bc	3-pin connector, black, on underbody, near cross panel
T6b	6-pin connector, black, on fuel tank
T10a	10-pin connector, brown, in E-box in engine compartment
T10c	10-pin connector, yellow, in E-box in engine compartment
T32	32-pin connector, blue
Y4	Trip counter
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
410	Earth connection 1 (sender earth) in main wiring harness
636	Earth point, onboard supply control unit
B278	Positive connection 2 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with extended service intervals (ESI)

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2.0l diesel engine , CFCA,(7L3)

From August 2018

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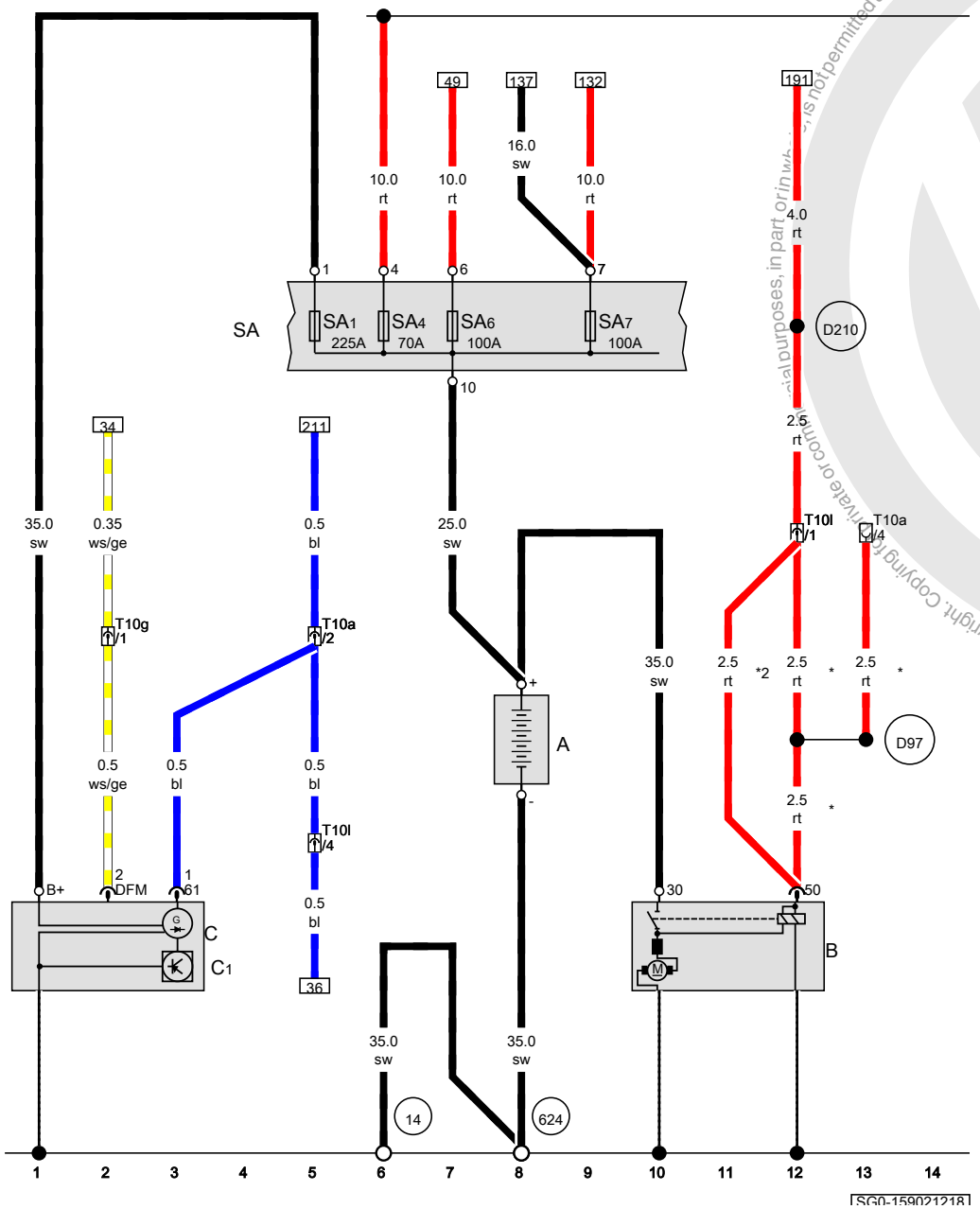
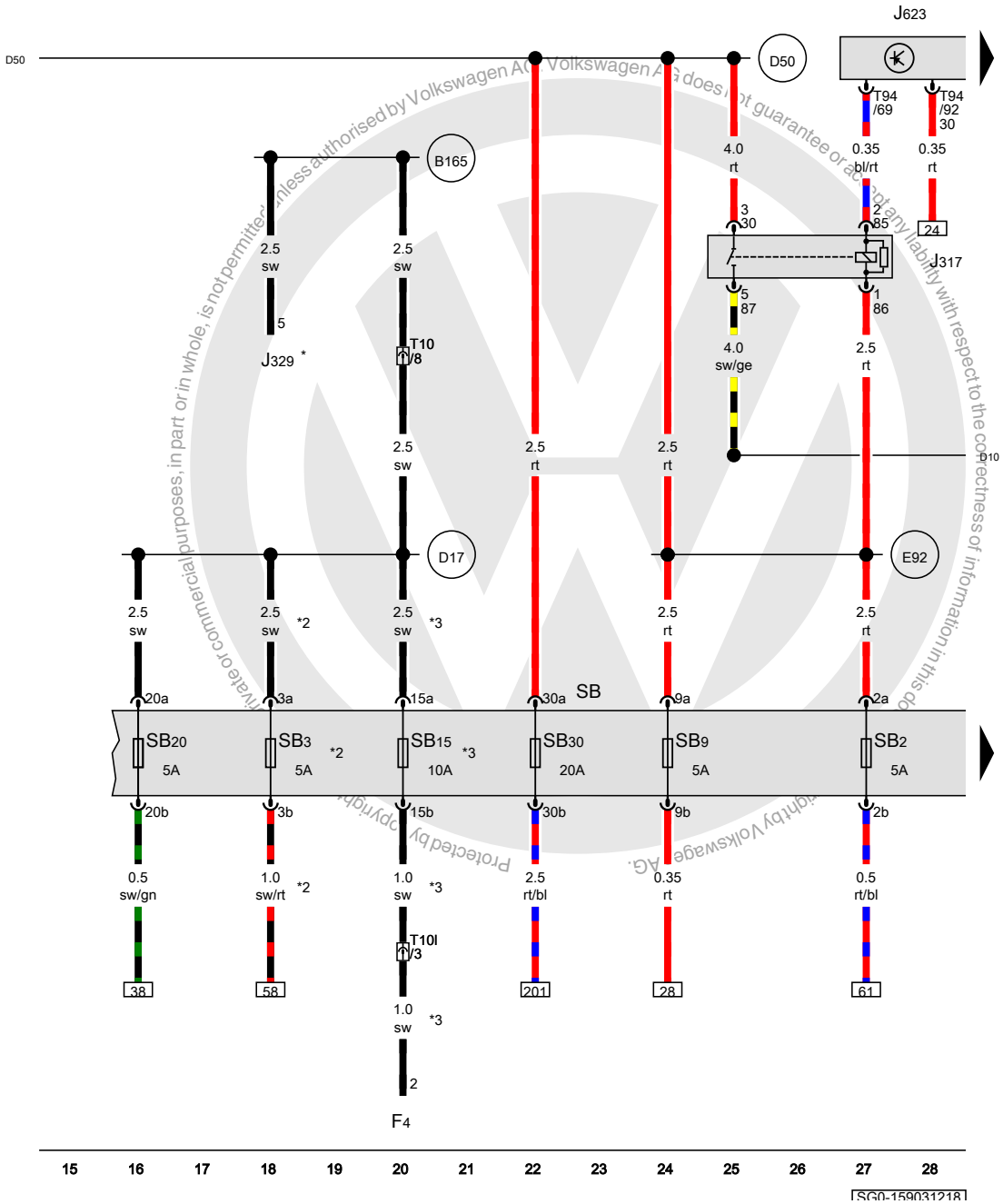


Battery, Starter, Alternator, Voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
SA	Fuse holder A, in E-box in engine compartment
SA1	Fuse 1 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
T10a	10-pin connector, brown, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
14	Earth point, on gearbox
624	Earth point, starter battery
D50	Positive connection (30), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D210	Connection (50), in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox (DSG)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Terminal 30 voltage supply relay, Engine/motor control unit, Fuse holder B

F4	Reversing light switch
J317	Terminal 30 voltage supply relay, in E-box
J329	Terminal 15 voltage supply relay
J623	Engine/motor control unit, in E-box in engine compartment
SB	Fuse holder B, in E-box in engine compartment
SB2	Fuse 2 on fuse holder B
SB3	Fuse 3 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB30	Fuse 30 on fuse holder B
T10	10-pin connector, black, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T94	94-pin connector, black
B165	Positive connection 2 (15), in interior wiring harness
D17	Positive connection 1 (15), in engine harness
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with crankcase breather heater element
*3	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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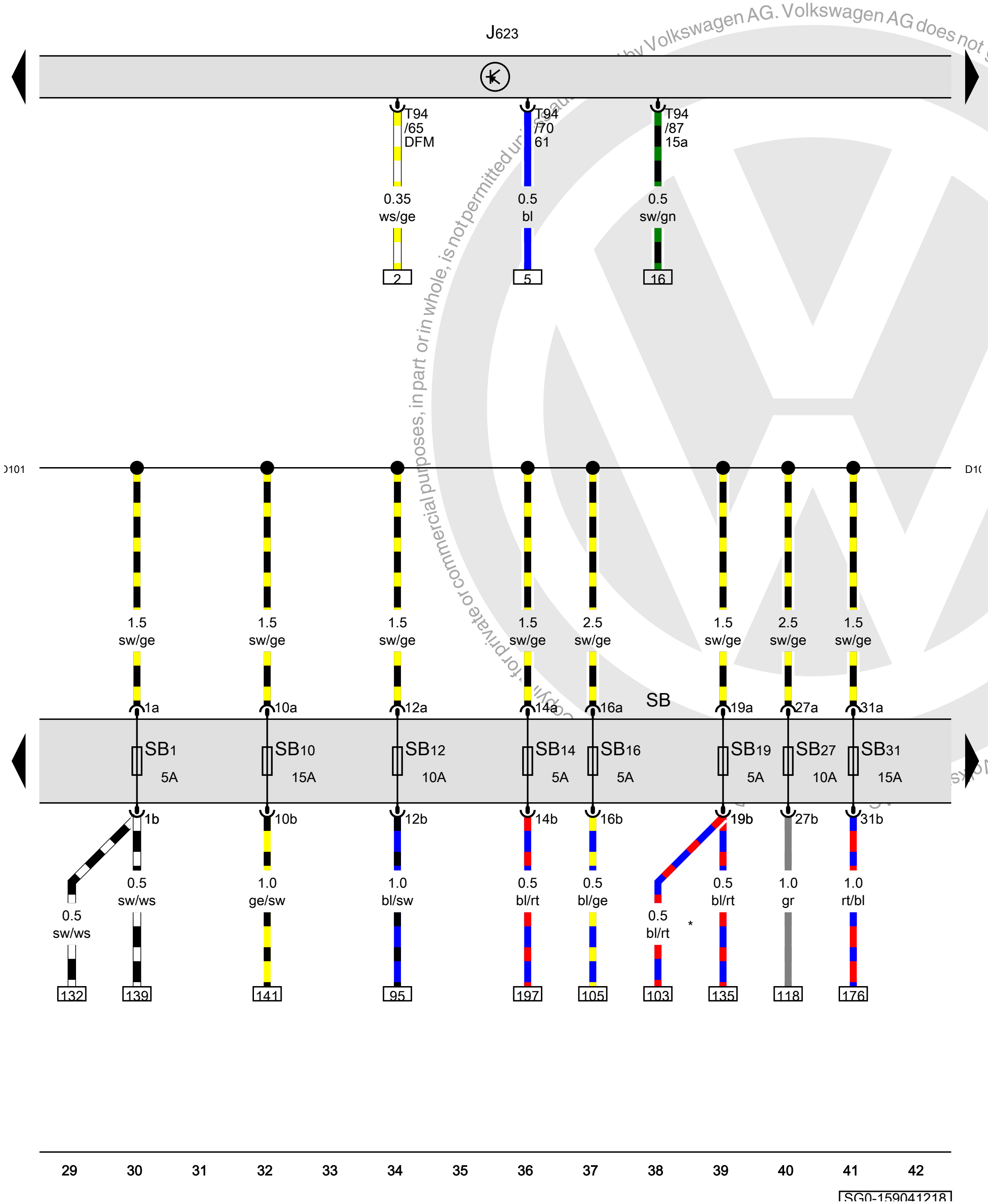
Engine/motor control unit, Fuse holder B

J623	Engine/motor control unit, in E-box in engine compartment
SB	Fuse holder B, in E-box in engine compartment
SB1	Fuse 1 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB19	Fuse 19 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB31	Fuse 31 on fuse holder B
T94	94-pin connector, black
D101	Connection 1 in engine compartment wiring harness
*	For models with manual gearbox



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ro	=	red
rt	=	red
br	=	brown
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li	=	purple
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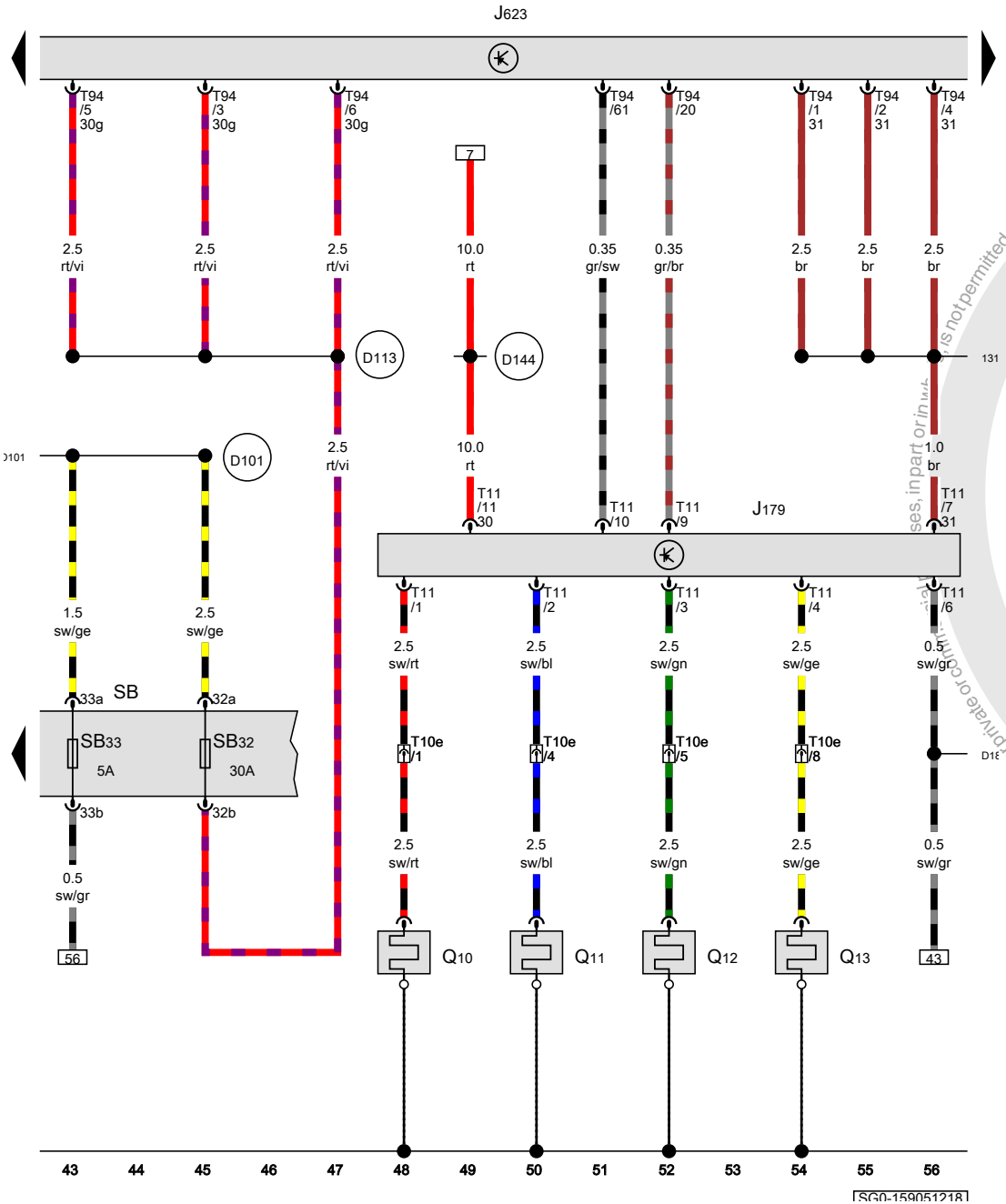
or	=	orange
rs	=	pink



Automatic glow period control unit, Engine/motor control unit, Fuse holder B

J179	Automatic glow period control unit, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
SB	Fuse holder B, in E-box in engine compartment
SB32	Fuse 32 on fuse holder B
SB33	Fuse 33 on fuse holder B
T10e	10-pin connector, white, in E-box in engine compartment
T11	11-pin connector, black
T94	94-pin connector, black
131	Earth connection 2, in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness
D144	Positive connection 5 (30), in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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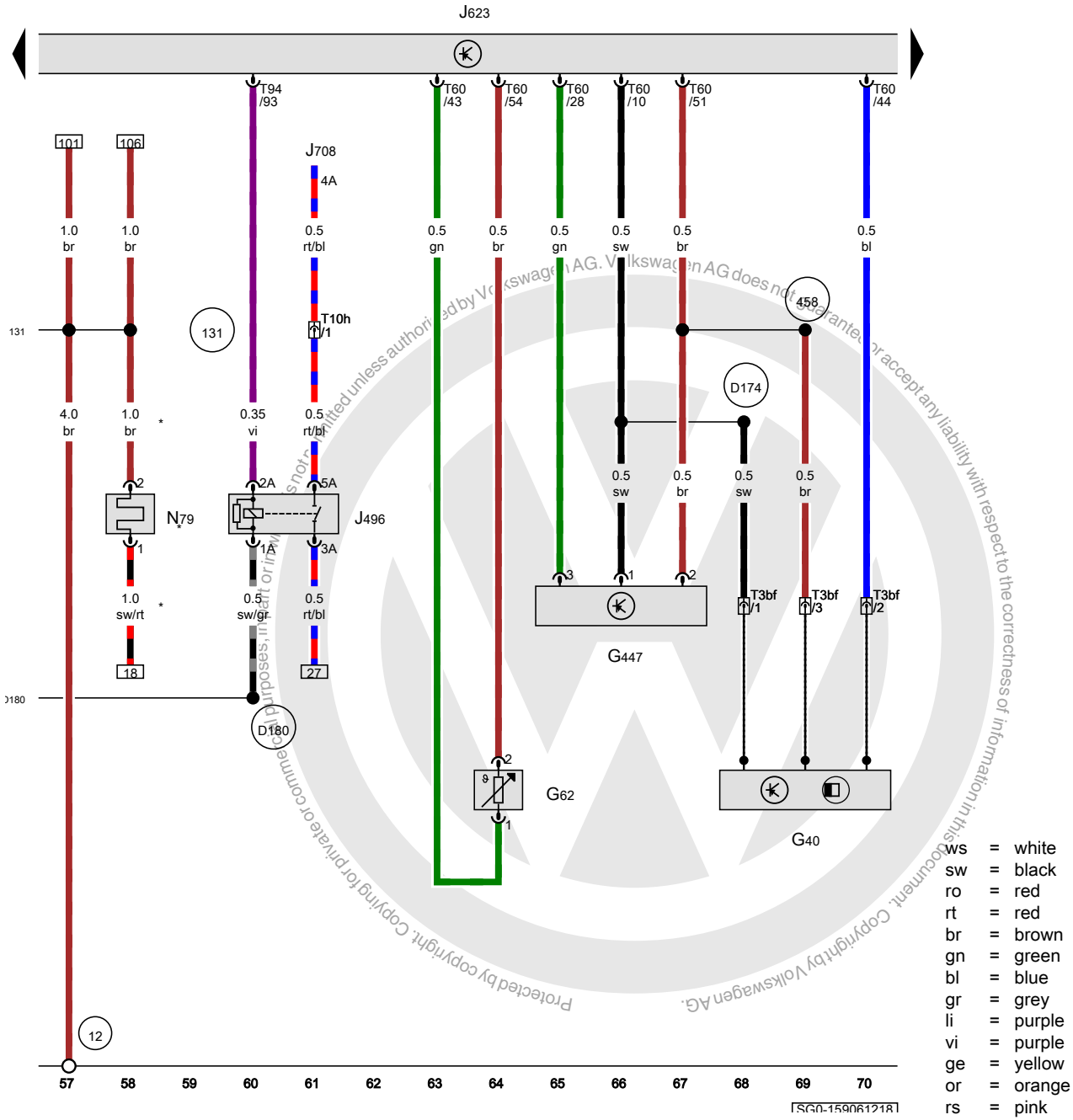

Hall sender, Coolant temperature sender, Charge pressure sender 2, Additional coolant pump relay, Engine/motor control unit, Heater element for crankcase breather

G40	Hall sender
G62	Coolant temperature sender
G447	Charge pressure sender 2
J496	Additional coolant pump relay, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
J708	Residual heat relay
N79	Heater element for crankcase breather
T3bf	3-pin connector, black, near alternator
T10h	10-pin connector, orange, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
458	Earth point 3, engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness
D180	Connection (87a), in engine compartment wiring harness
*	For models with crankcase breather heater element

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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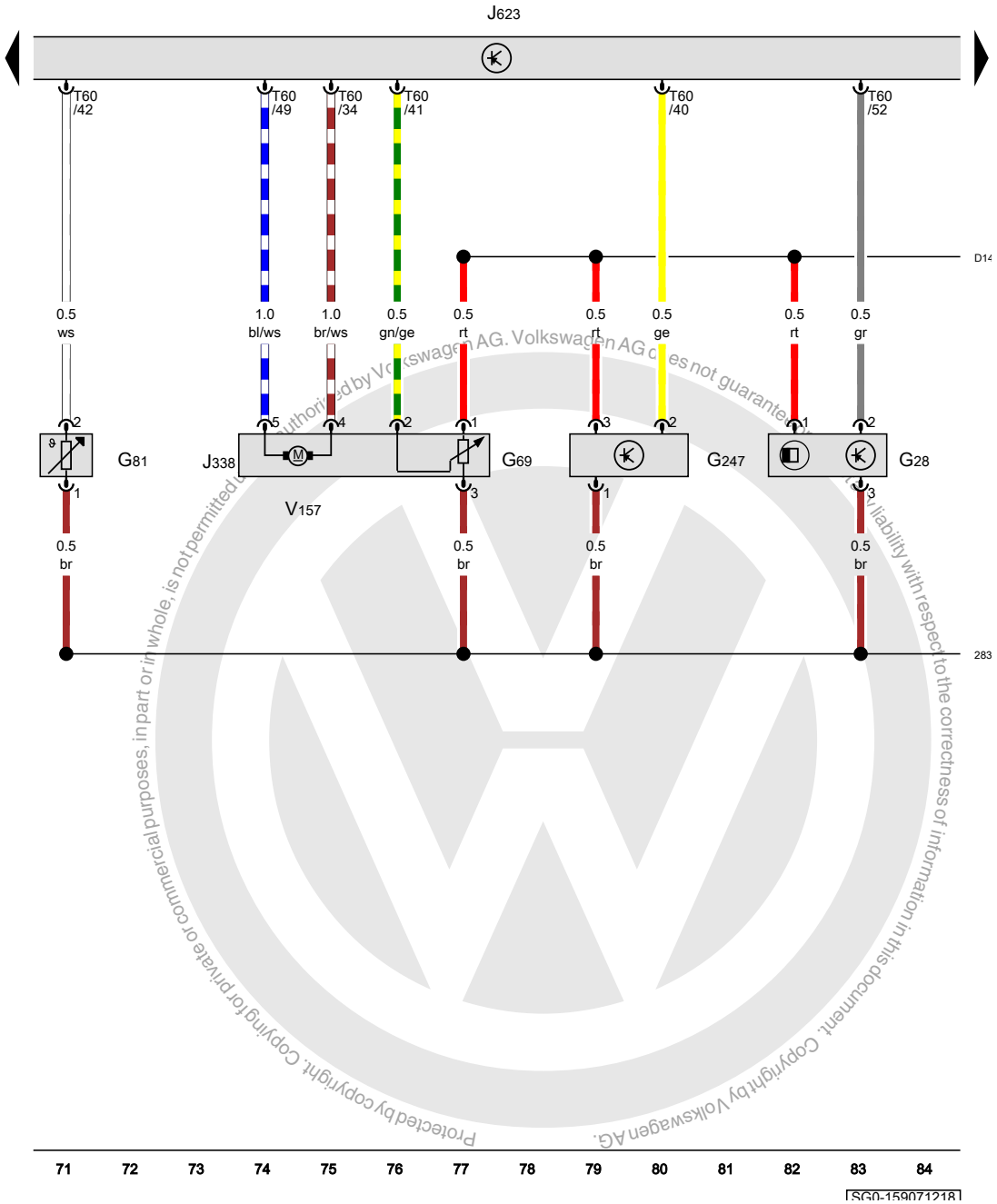

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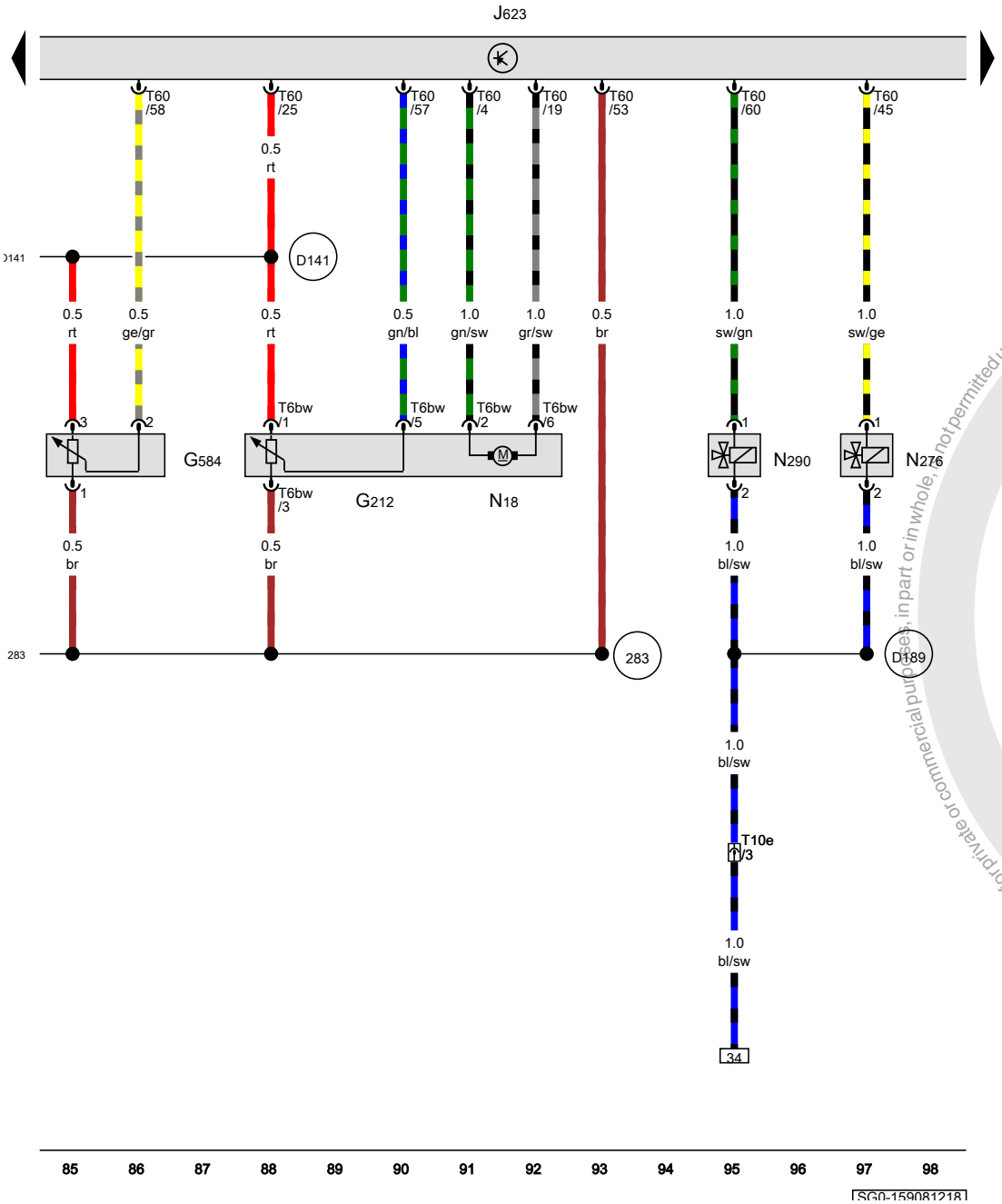
Engine speed sender, Throttle valve potentiometer, Fuel temperature sender, Fuel pressure sender, Throttle valve module, Engine/motor control unit, Intake manifold flap motor

G28	Engine speed sender
G69	Throttle valve potentiometer
G81	Fuel temperature sender
G247	Fuel pressure sender
J338	Throttle valve module
J623	Engine/motor control unit, in E-box in engine compartment
T60	60-pin connector, black
V157	Intake manifold flap motor
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Exhaust gas recirculation potentiometer, Regulating flap potentiometer, Engine/motor control unit, Exhaust gas recirculation valve, Fuel pressure regulating valve, Fuel metering valve

G212	Exhaust gas recirculation potentiometer
G584	Regulating flap potentiometer
J623	Engine/motor control unit, in E-box in engine compartment
N18	Exhaust gas recirculation valve
N276	Fuel pressure regulating valve
N290	Fuel metering valve
T6bw	6-pin connector, grey
T10e	10-pin connector, white, in E-box in engine compartment
T60	60-pin connector, black
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness
D189	Connection (87a) in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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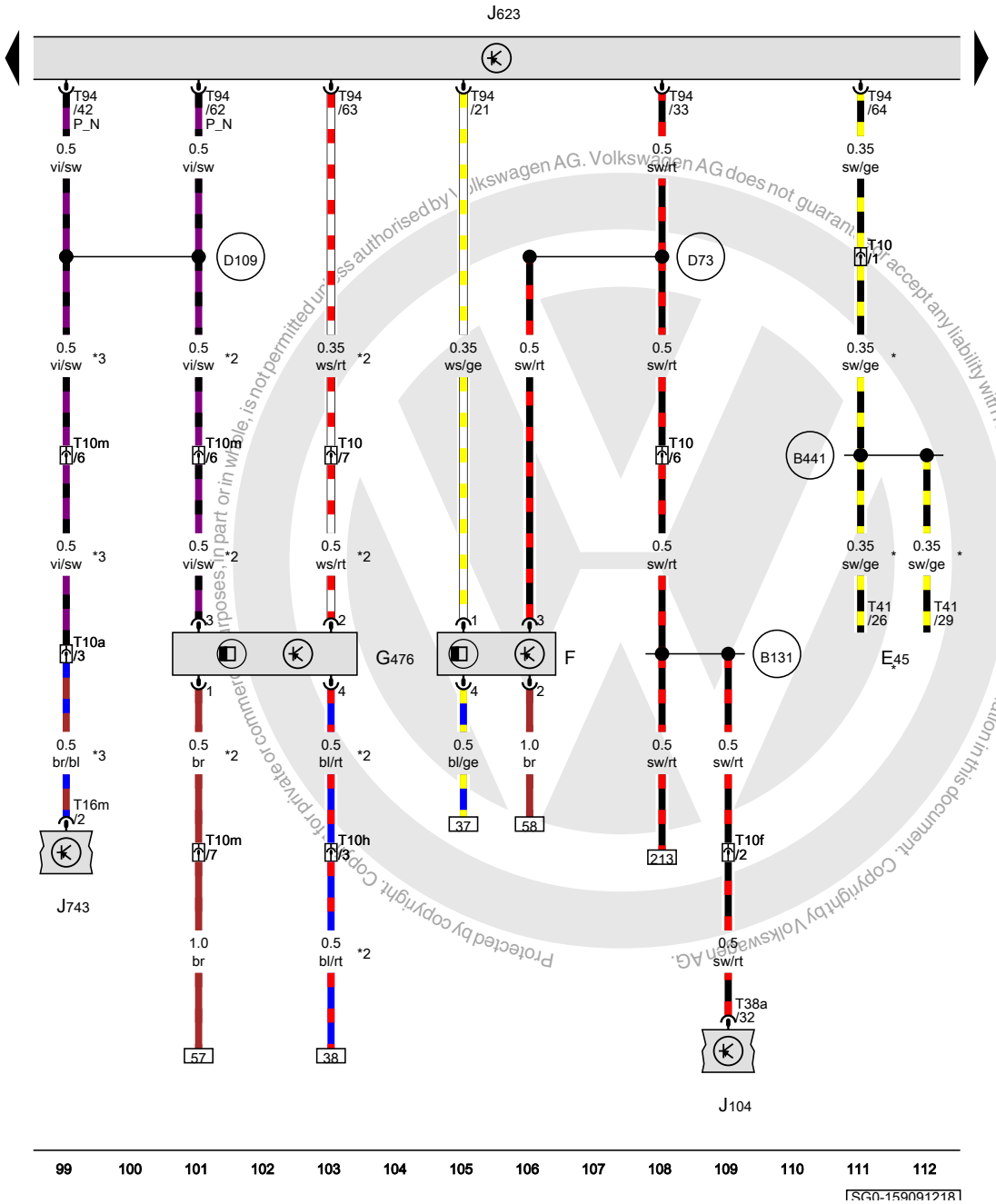

Cruise control system switch, Brake light switch, Clutch position sender, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

E45	Cruise control system switch
F	Brake light switch, on brake master cylinder
G476	Clutch position sender
J104	ABS control unit
J623	Engine/motor control unit, in E-box in engine compartment
J743	Mechatronic unit for dual clutch gearbox
T10	10-pin connector, black, in E-box in engine compartment
T10a	10-pin connector, brown, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T16m	16-pin connector, black
T38a	38-pin connector, black
T41	41-pin connector, grey
T94	94-pin connector, black
B131	Connection (54), in interior wiring harness
B441	Connection (CCS), in main wiring harness
D73	Positive connection (54), in engine compartment wiring harness
D109	Connection 7 in engine compartment wiring harness
*	For models with cruise control system (CCS)
*2	For models with manual gearbox
*3	For models with dual clutch gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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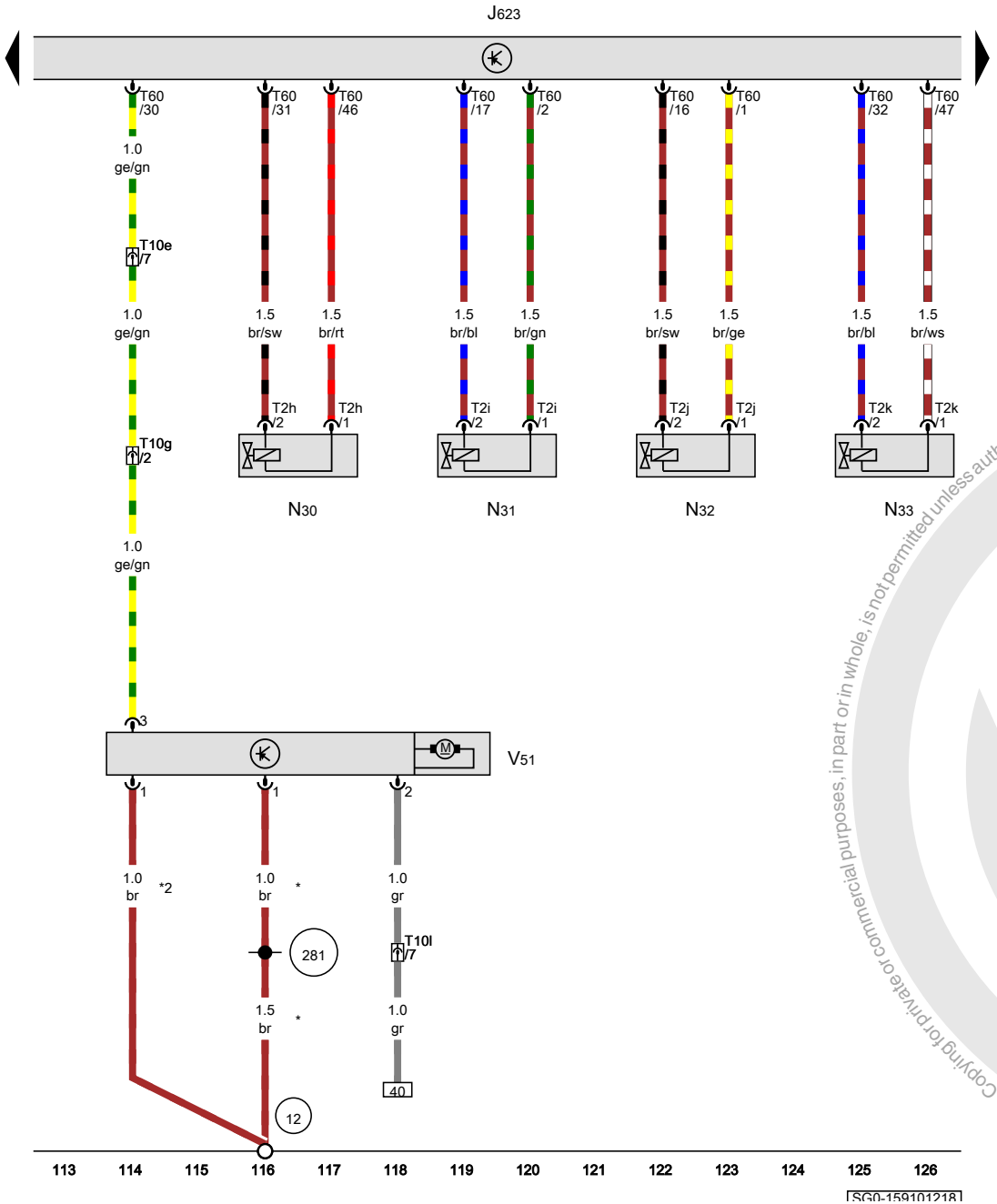
Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Continued coolant circulation pump



J623	Engine/motor control unit, in E-box in engine compartment
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2h	2-pin connector, black
T2i	2-pin connector, black
T2j	2-pin connector, black
T2k	2-pin connector, black
T10e	10-pin connector, white, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T60	60-pin connector, black
V51	Continued coolant circulation pump
12	Earth point, on left in engine compartment
281	Earth point 1, engine prewiring harness
*	For models with dual clutch gearbox (DSG)
*2	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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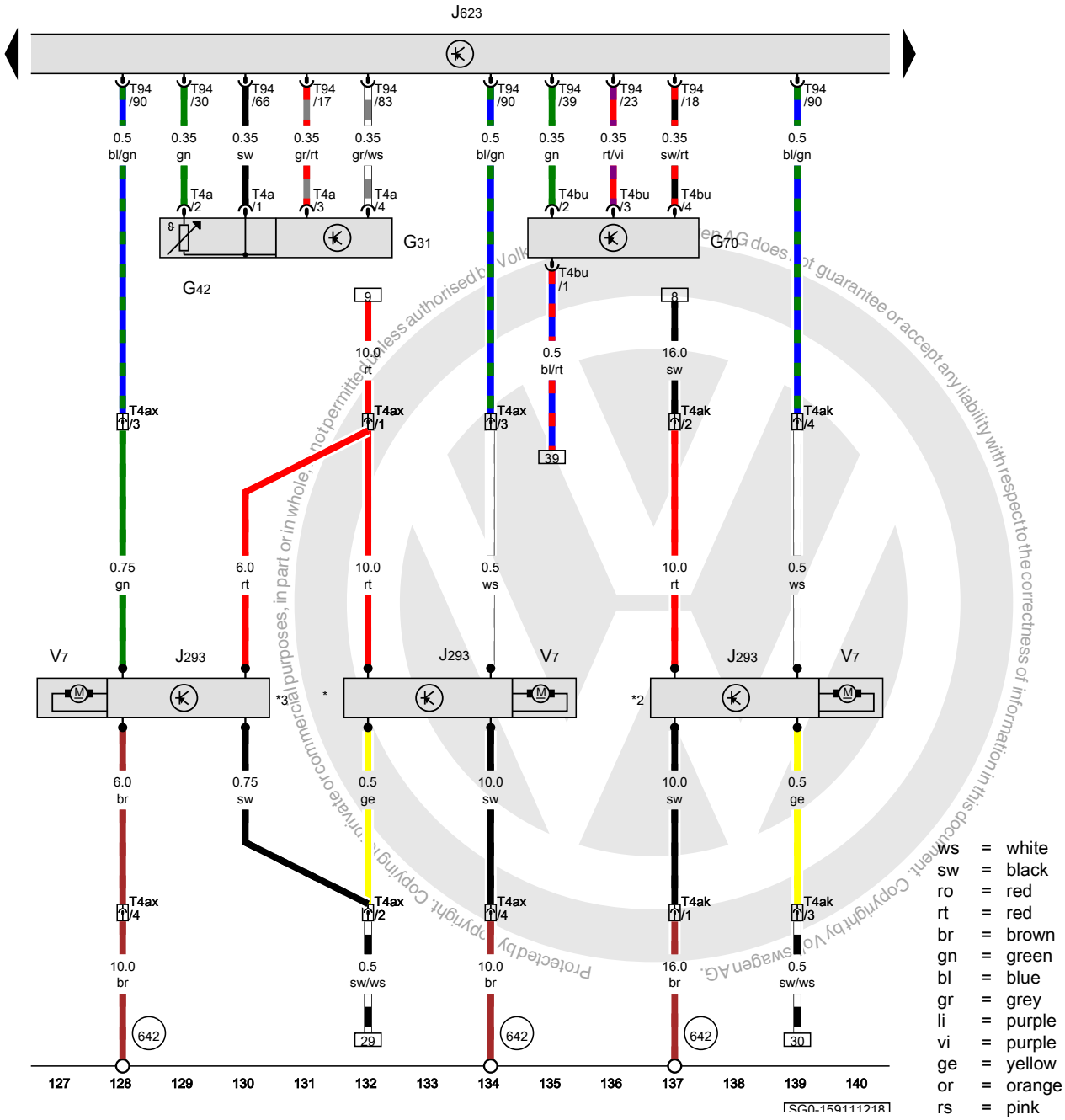

Charge pressure sender, Intake air temperature sender, Air mass meter, Radiator fan control unit, Engine/motor control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G70	Air mass meter
J293	Radiator fan control unit
J623	Engine/motor control unit, in E-box in engine compartment
T4a	4-pin connector, black
T4ak	4-pin connector, black, near radiator fan
T4ax	4-pin connector, black, near radiator fan
T4bu	4-pin connector, black
T94	94-pin connector, black
V7	Radiator fan
642	Earth point for electronically controlled fan
*	For models with medium fan output
*2	For models with increased fan output
*3	For models with low fan output

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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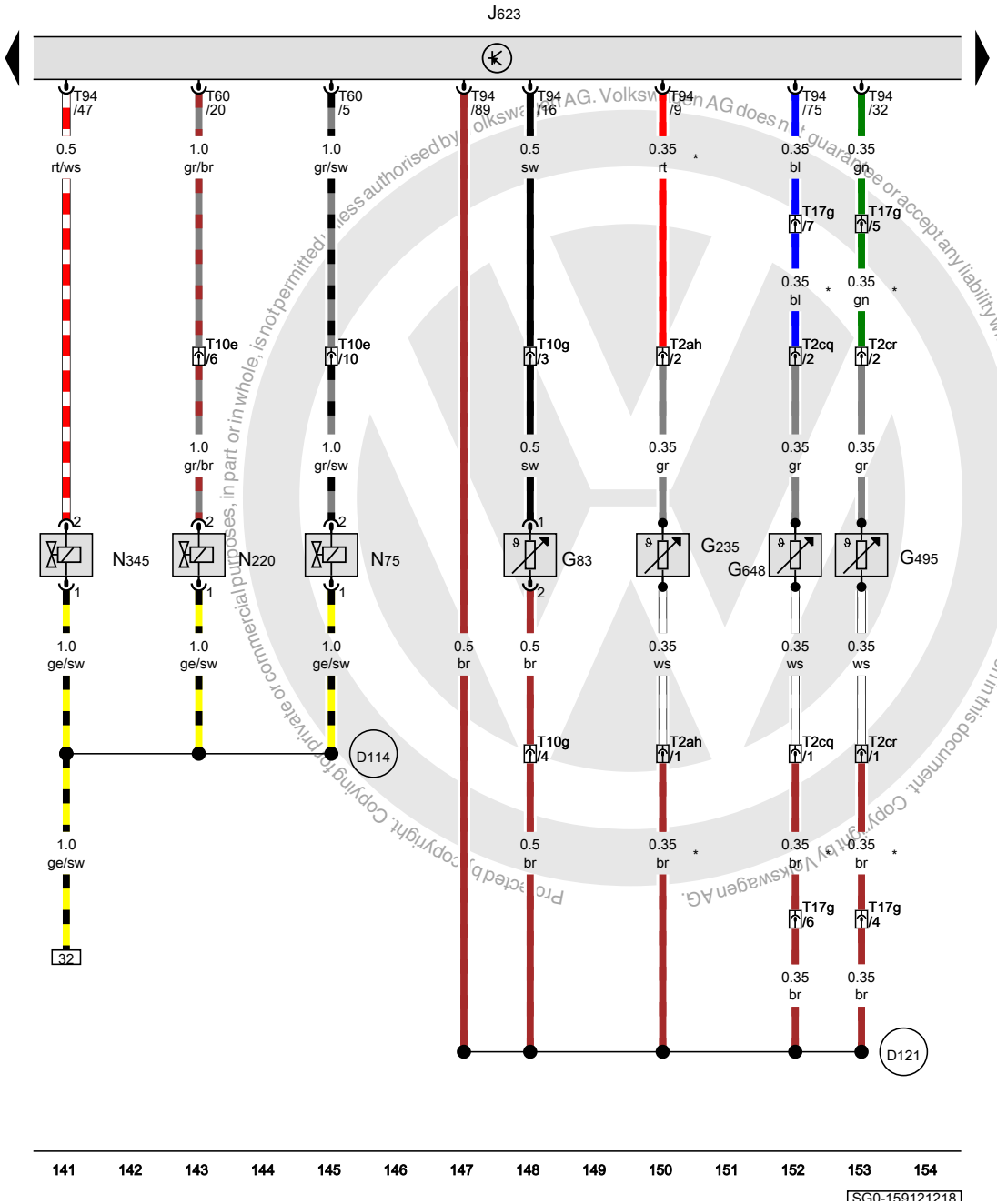

Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine/motor control unit, Charge pressure control solenoid valve, Exhaust flap valve, Exhaust gas recirculation cooler changeover valve

G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine/motor control unit, in E-box in engine compartment
N75	Charge pressure control solenoid valve
N220	Exhaust flap valve
N345	Exhaust gas recirculation cooler changeover valve
T2ah	2-pin connector, black, on right in engine compartment
T2cq	2-pin connector, light brown, on underbody, near cross panel
T2cr	2-pin connector, brown, on underbody, near cross panel
T10e	10-pin connector, white, in E-box in engine compartment
T10g	10-pin connector, grey, in E-box in engine compartment
T17g	17-pin connector, black, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
D114	Connection 12 in engine compartment wiring harness
D121	Connection 19 in engine compartment wiring harness
*	For models with diesel particulate filter

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
rs	=	pink

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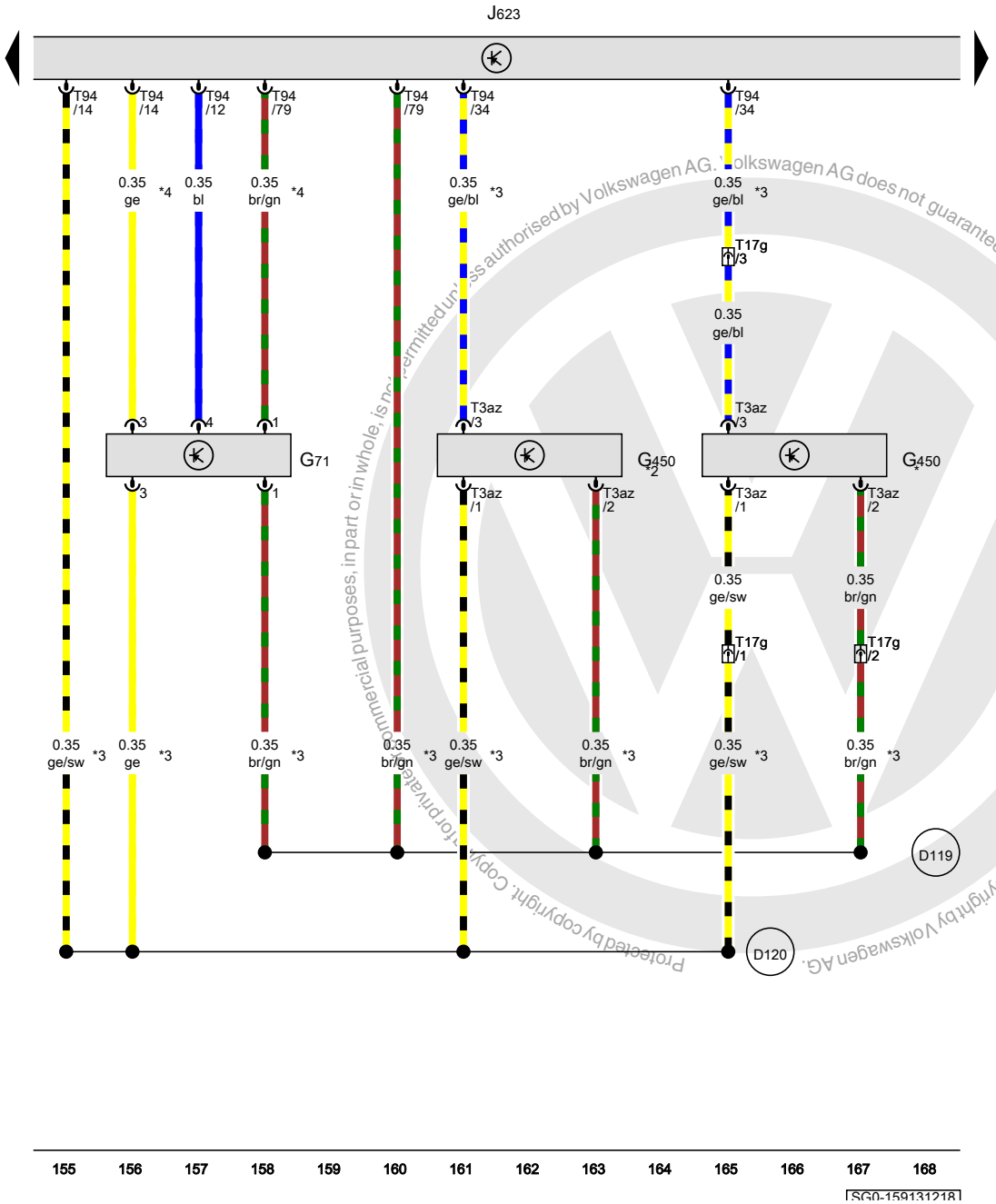

Intake manifold pressure sender, Exhaust gas pressure sensor 1, Engine/motor control unit

G71	Intake manifold pressure sender
G450	Exhaust gas pressure sensor 1
J623	Engine/motor control unit, in E-box in engine compartment
T3az	3-pin connector, black
T17g	17-pin connector, black, in E-box in engine compartment
T94	94-pin connector, black
D119	Connection 17 in engine compartment wiring harness
D120	Connection 18 in engine compartment wiring harness
*	For models with all-wheel drive
*2	For models with no all-wheel drive
*3	For models with diesel particulate filter
*4	For models with no diesel particulate filter or with no preparation for diesel particulate filter

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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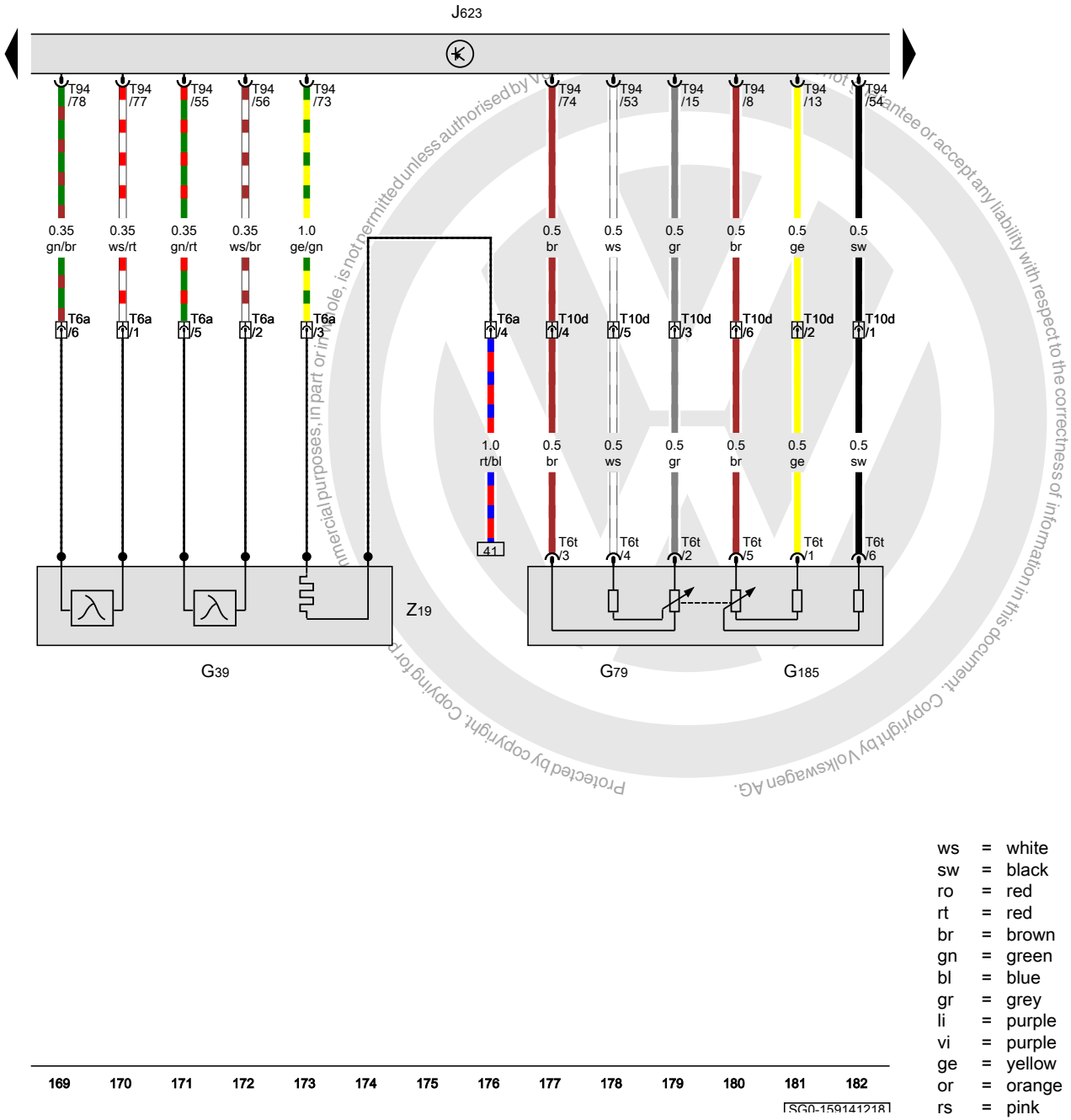

Lambda probe, Accelerator position sender, Accelerator position sender 2, Engine/motor control unit, Lambda probe heater

G39	Lambda probe
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit, in E-box in engine compartment
T6a	6-pin connector, black, on right in engine compartment
T6t	6-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T94	94-pin connector, black
Z19	Lambda probe heater

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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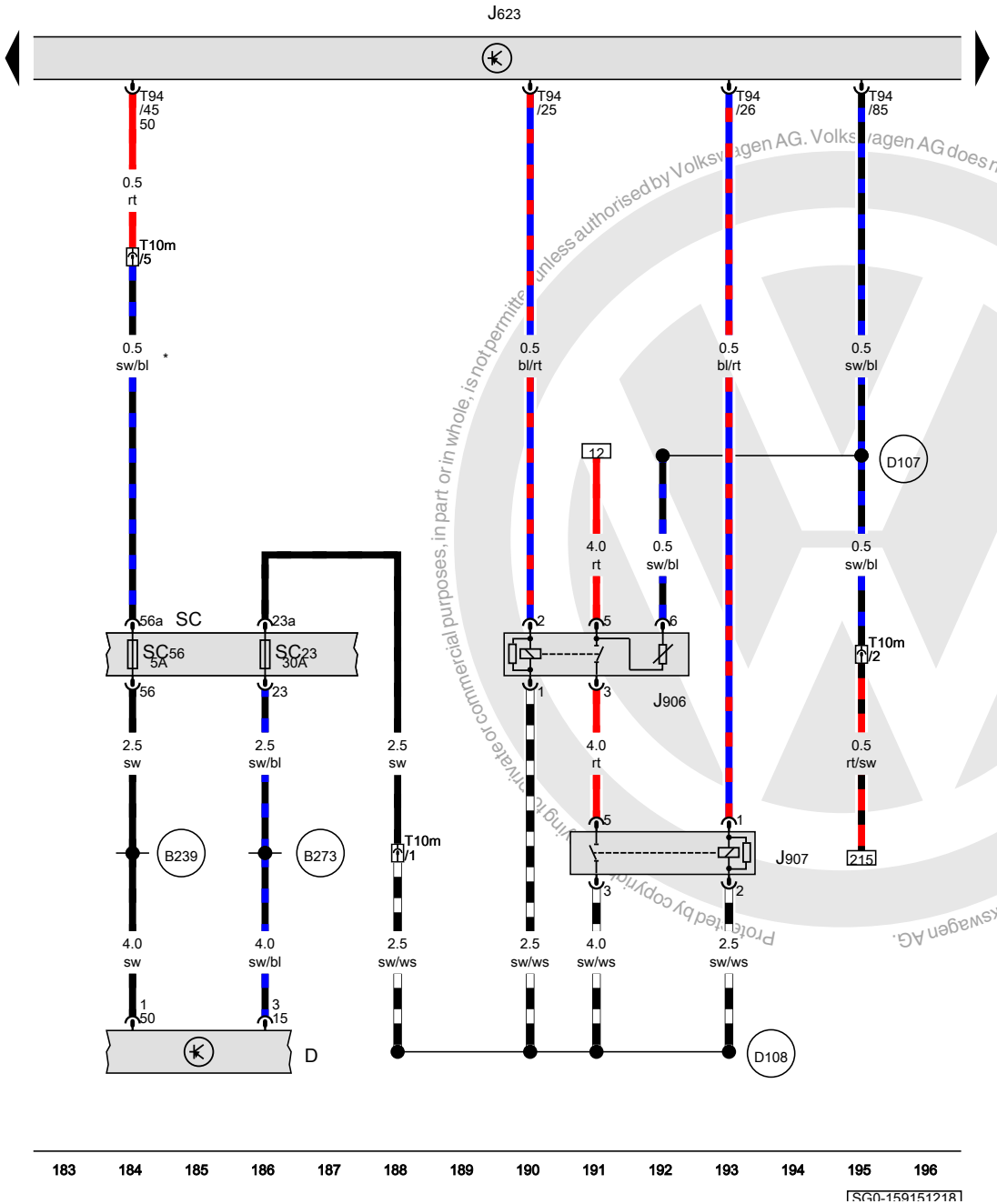

Ignition/starter switch, Engine/motor control unit, Starter relay 1, Starter relay 2, Fuse 23 on fuse holder C, Fuse 56 on fuse holder C

D	Ignition/starter switch
J623	Engine/motor control unit, in E-box in engine compartment
J906	Starter relay 1, in E-box in engine compartment
J907	Starter relay 2, in E-box in engine compartment
SC	Fuse holder C, in centre of dash panel
SC23	Fuse 23 on fuse holder C
SC56	Fuse 56 on fuse holder C
T10m	10-pin connector, light pink, in E-box in engine compartment
T94	94-pin connector, black
B239	Positive connection 1 (50), in interior wiring harness
B273	Positive connection (15), in main wiring harness
D107	Connection 5 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
*	For models with no electric interface

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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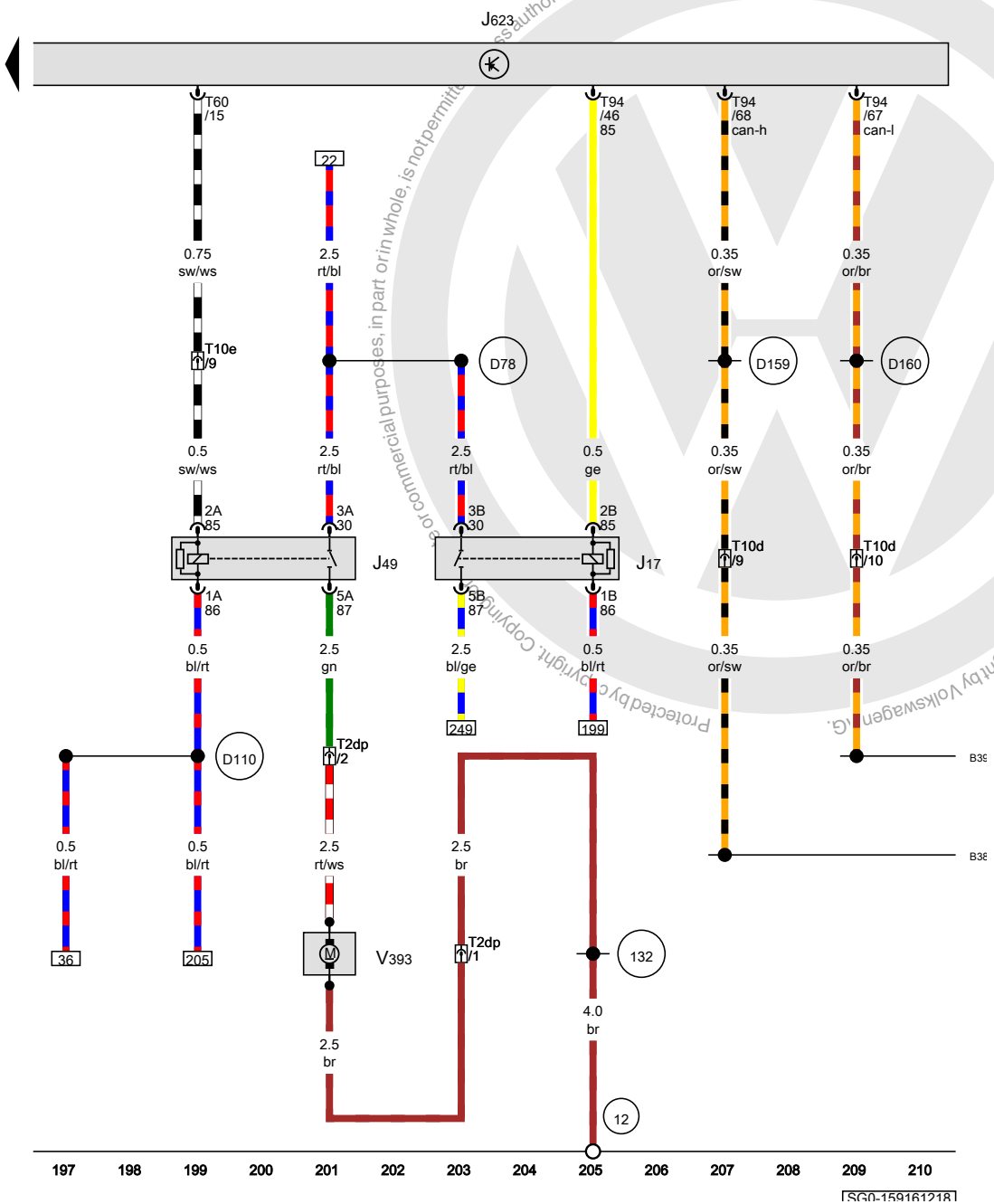

Fuel pump relay, Electric fuel pump 2 relay, Engine/motor control unit, Supplementary fuel pump

J17	Fuel pump relay, in E-box in engine compartment
J49	Electric fuel pump 2 relay, in E-box in engine compartment
J623	Engine/motor control unit, in E-box in engine compartment
T2dp	2-pin connector, black, near fuel filter
T10d	10-pin connector, blue, in E-box in engine compartment
T10e	10-pin connector, white, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
V393	Supplementary fuel pump
12	Earth point, on left in engine compartment
132	Earth connection 3, in engine compartment wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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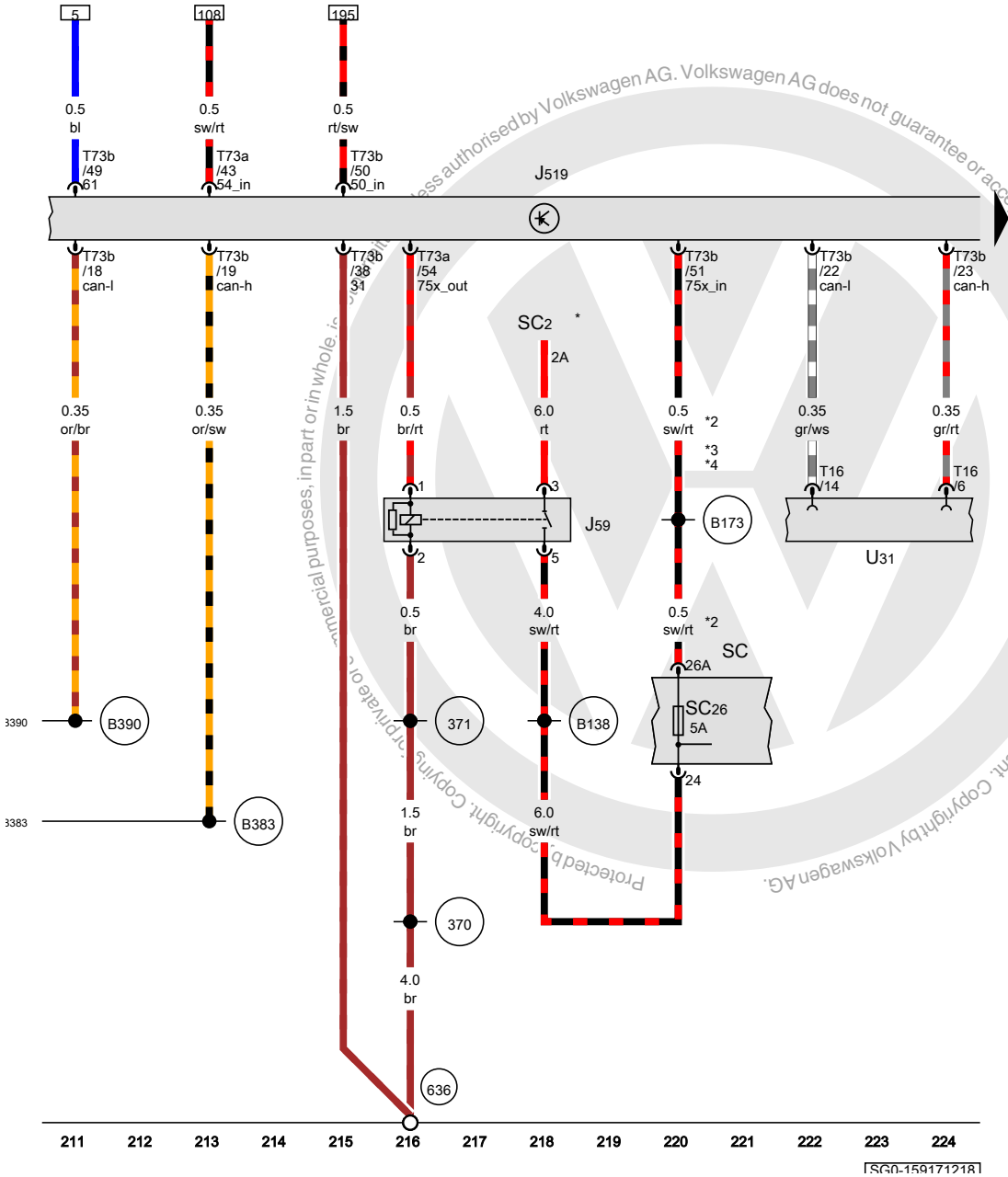
X-contact relief relay, Onboard supply control unit, Fuse 26 on fuse holder C, Diagnostic connection



J59	X-contact relief relay
J519	Onboard supply control unit
SC	Fuse holder C, in centre of dash panel
SC2	Fuse 2 on fuse holder C
SC26	Fuse 26 on fuse holder C
T16	16-pin connector, black
T73a	73-pin connector, black
T73b	73-pin connector, white
U31	Diagnostic connection
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
636	Earth point, onboard supply control unit
B138	Positive connection (X), in interior wiring harness
B173	Positive connection 2 (X), in interior wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Up to June 2016
*3	From June 2016
*4	For models with special police equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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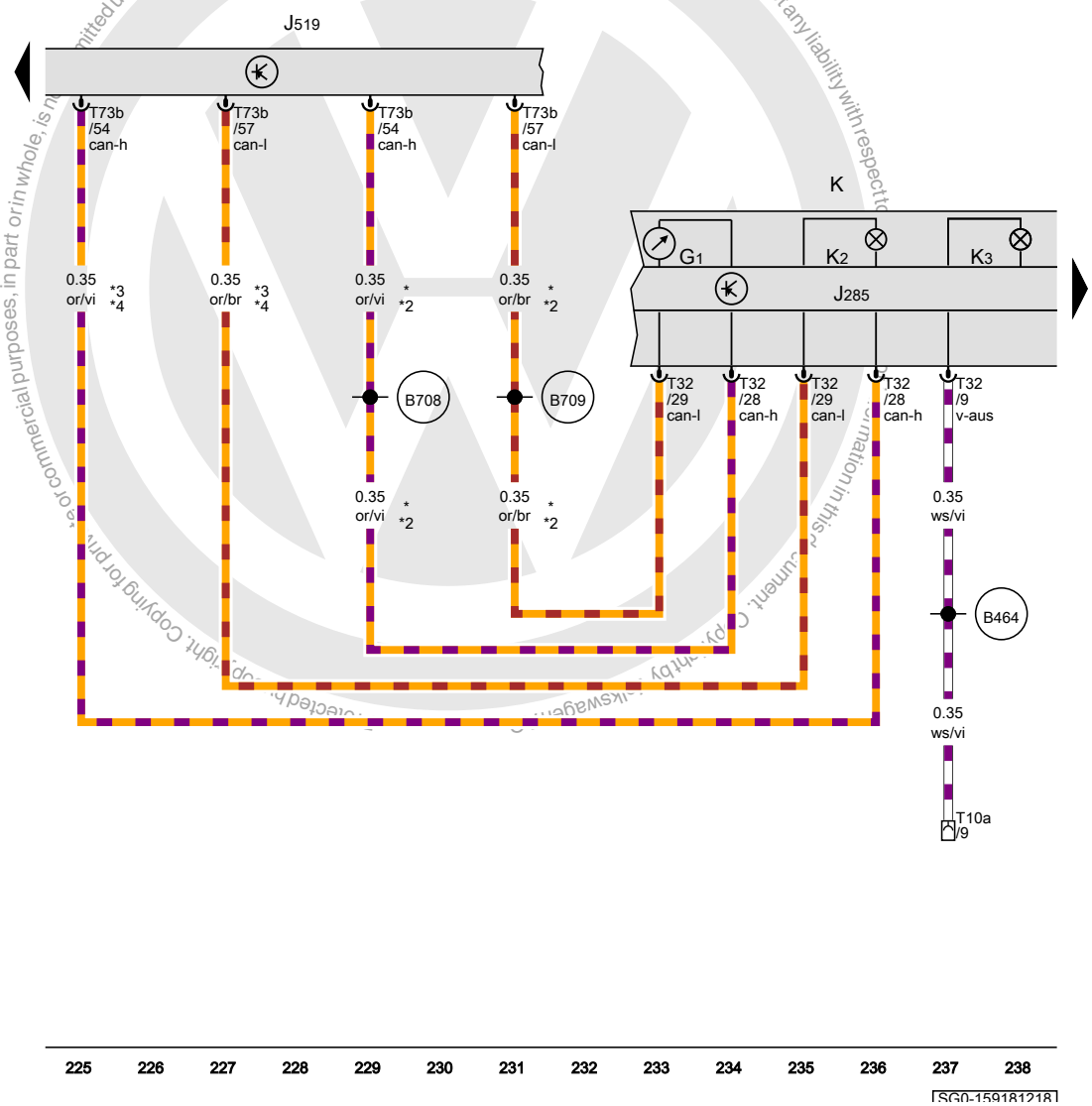
Fuel gauge, Onboard supply control unit, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp



G1	Fuel gauge
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
T10a	10-pin connector, brown, in E-box in engine compartment
T32	32-pin connector, blue
T73b	73-pin connector, white
B464	Connection (speed signal), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	For models with rain sensor
*2	For models with rain and light sensor
*3	For models with no tachograph
*4	For models with no rain and light sensor

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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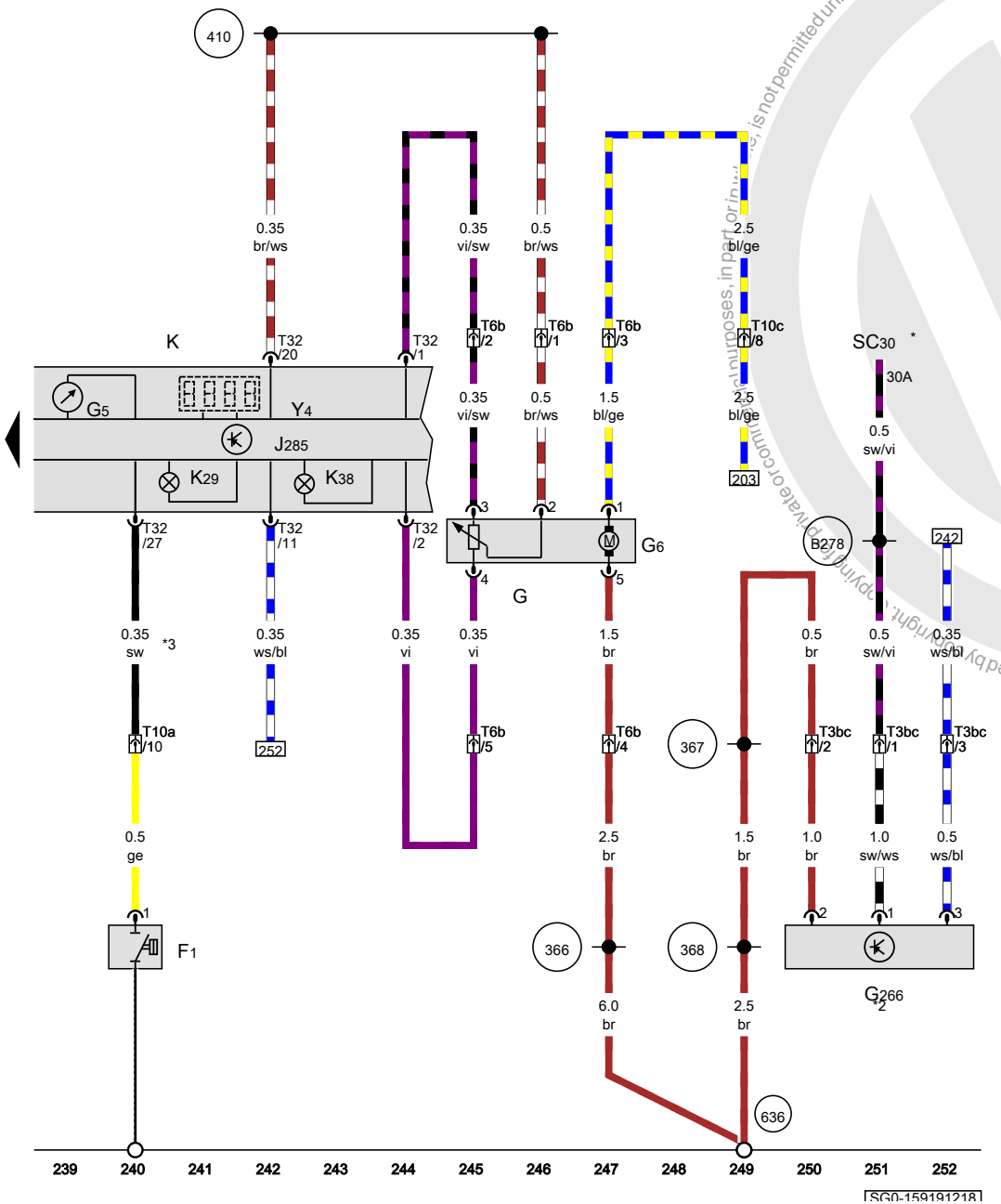

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Oil pressure switch, Fuel gauge sender, Rev. counter, Fuel system pressurisation pump, Oil level and oil temperature sender, Dash panel insert, Glow period warning lamp, Oil level warning lamp

F1	Oil pressure switch
G	Fuel gauge sender
G5	Rev. counter
G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K	Dash panel insert
K29	Glow period warning lamp
K38	Oil level warning lamp
SC30	Fuse 30 on fuse holder C
T3bc	3-pin connector, black, on underbody, near cross panel
T6b	6-pin connector, black, on fuel tank
T10a	10-pin connector, brown, in E-box in engine compartment
T10c	10-pin connector, yellow, in E-box in engine compartment
T32	32-pin connector, blue
Y4	Trip counter
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
410	Earth connection 1 (sender earth) in main wiring harness
636	Earth point, onboard supply control unit
B278	Positive connection 2 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with extended service intervals (ESI)
*3	From June 2016

2.0l petrol engine , CJKA,CJKB,(7L3)

From August 2018

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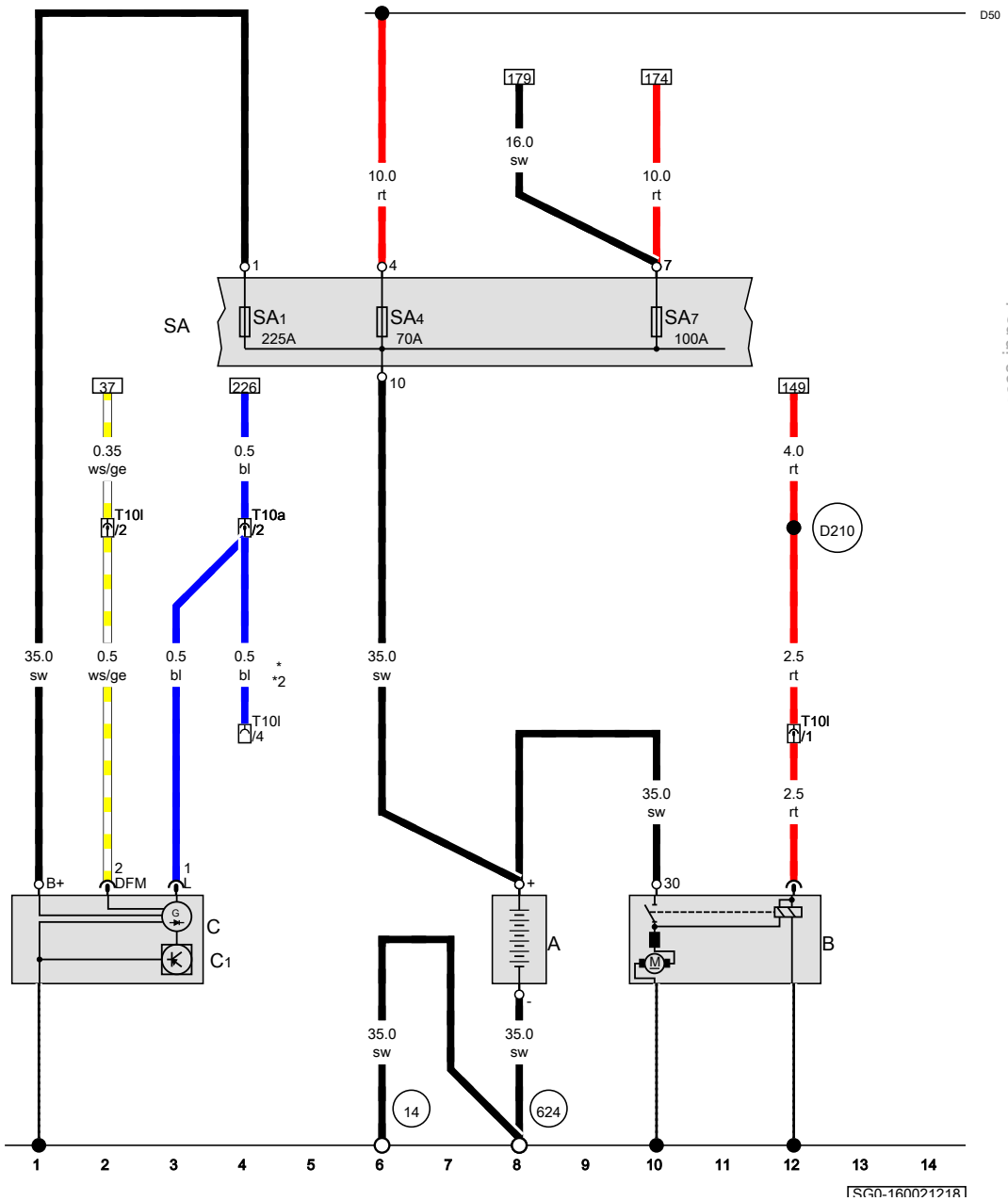
Battery, Starter, Alternator, Voltage regulator, Fuse holder A



A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA7	Fuse 7 on fuse holder A
T10a	10-pin connector, brown, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
14	Earth point, on gearbox
624	Earth point, starter battery
D50	Positive connection (30), in engine compartment wiring harness
D210	Connection (50), in engine compartment wiring harness
*	For models with manual gearbox
*2	From June 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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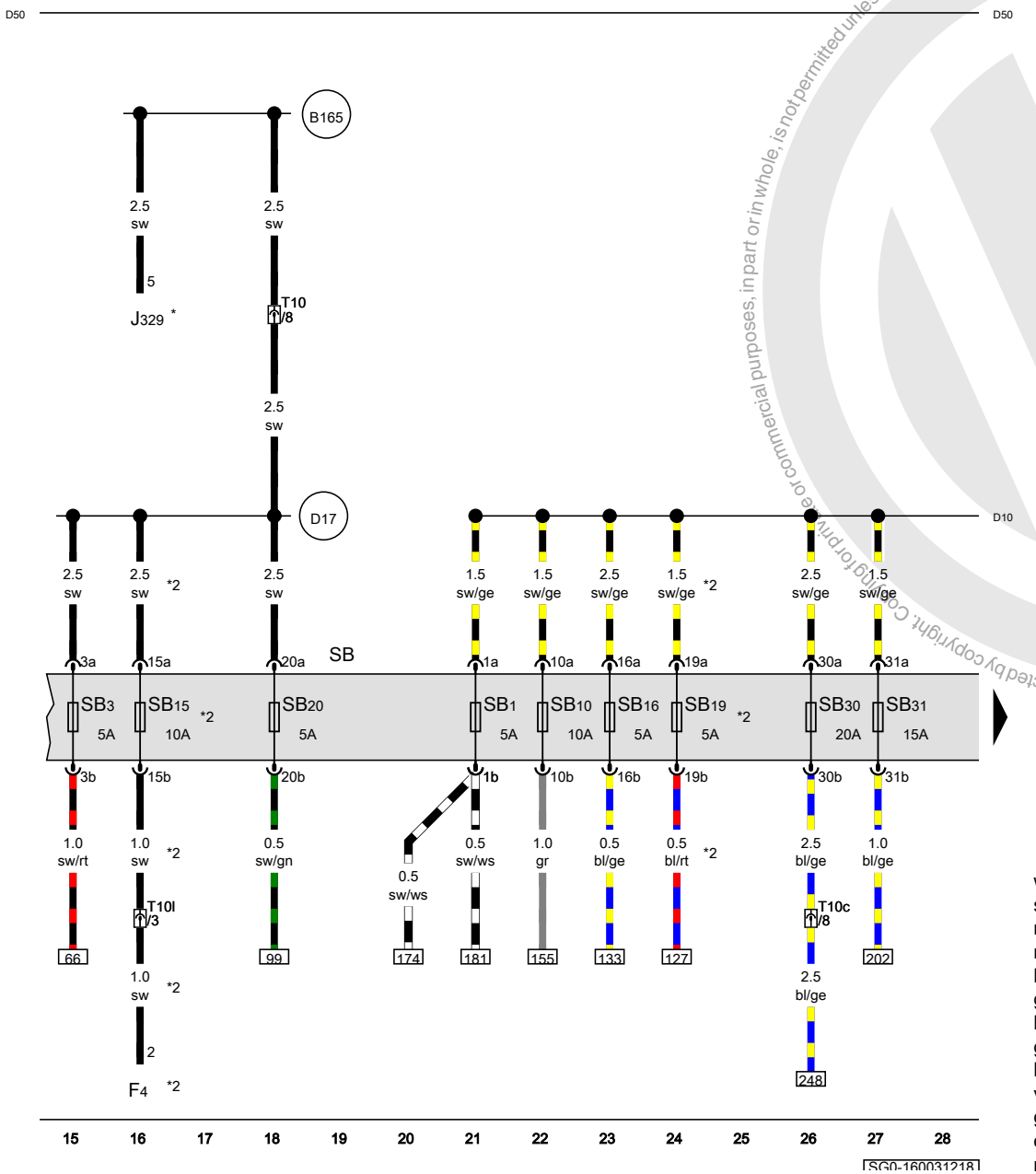

Fuse holder B

F4	Reversing light switch
J329	Terminal 15 voltage supply relay
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
SB3	Fuse 3 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB19	Fuse 19 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB30	Fuse 30 on fuse holder B
SB31	Fuse 31 on fuse holder B
T10	10-pin connector, black, in E-box in engine compartment
T10c	10-pin connector, yellow, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
B165	Positive connection 2 (15), in interior wiring harness
D17	Positive connection 1 (15), in engine harness
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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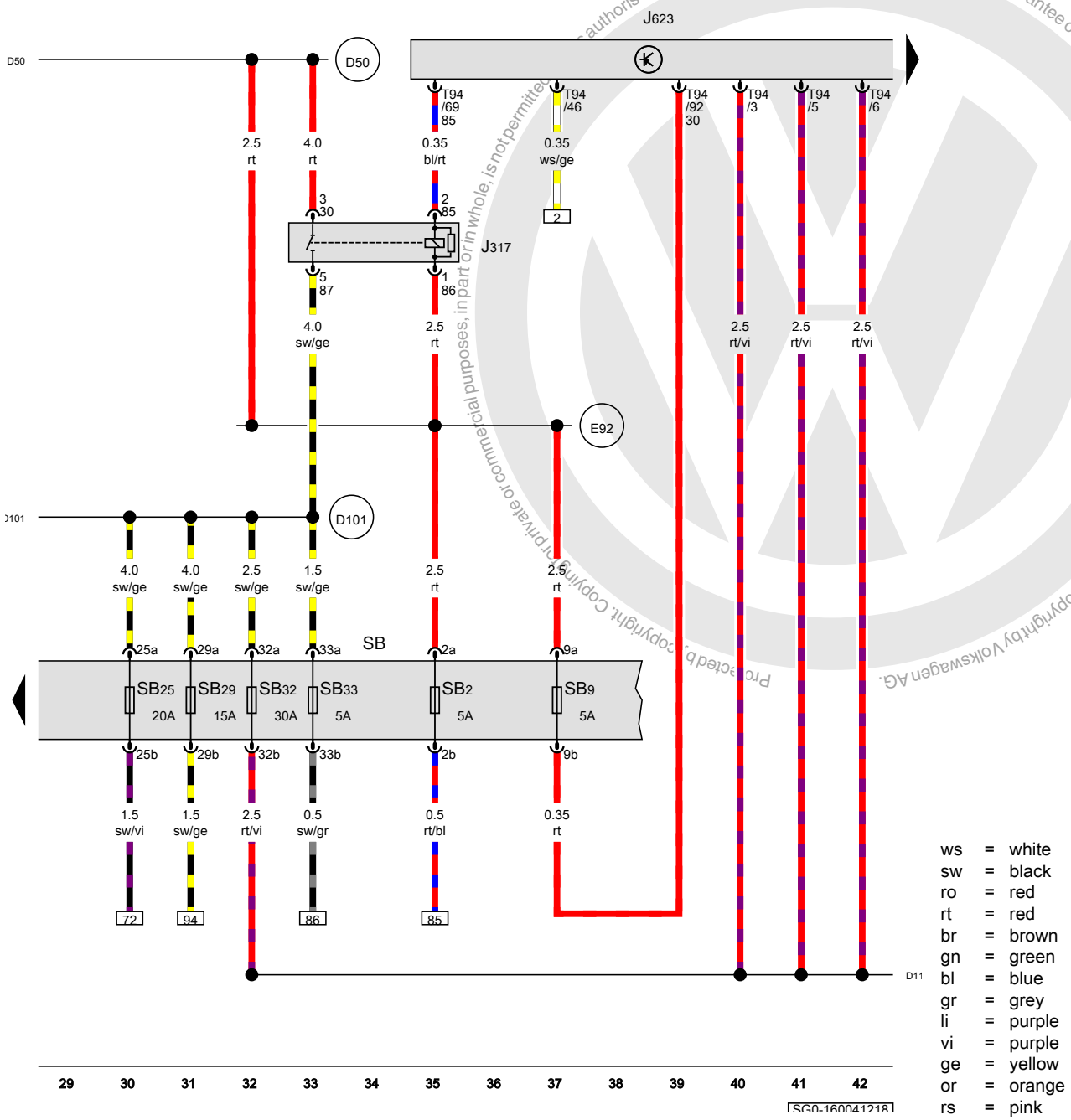
Terminal 30 voltage supply relay, Engine/motor control unit, Fuse holder B

J317	Terminal 30 voltage supply relay, in E-box
J623	Engine/motor control unit, in E-box
SB	Fuse holder B
SB2	Fuse 2 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB25	Fuse 25 on fuse holder B
SB29	Fuse 29 on fuse holder B
SB32	Fuse 32 on fuse holder B
SB33	Fuse 33 on fuse holder B
T94	94-pin connector, black
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
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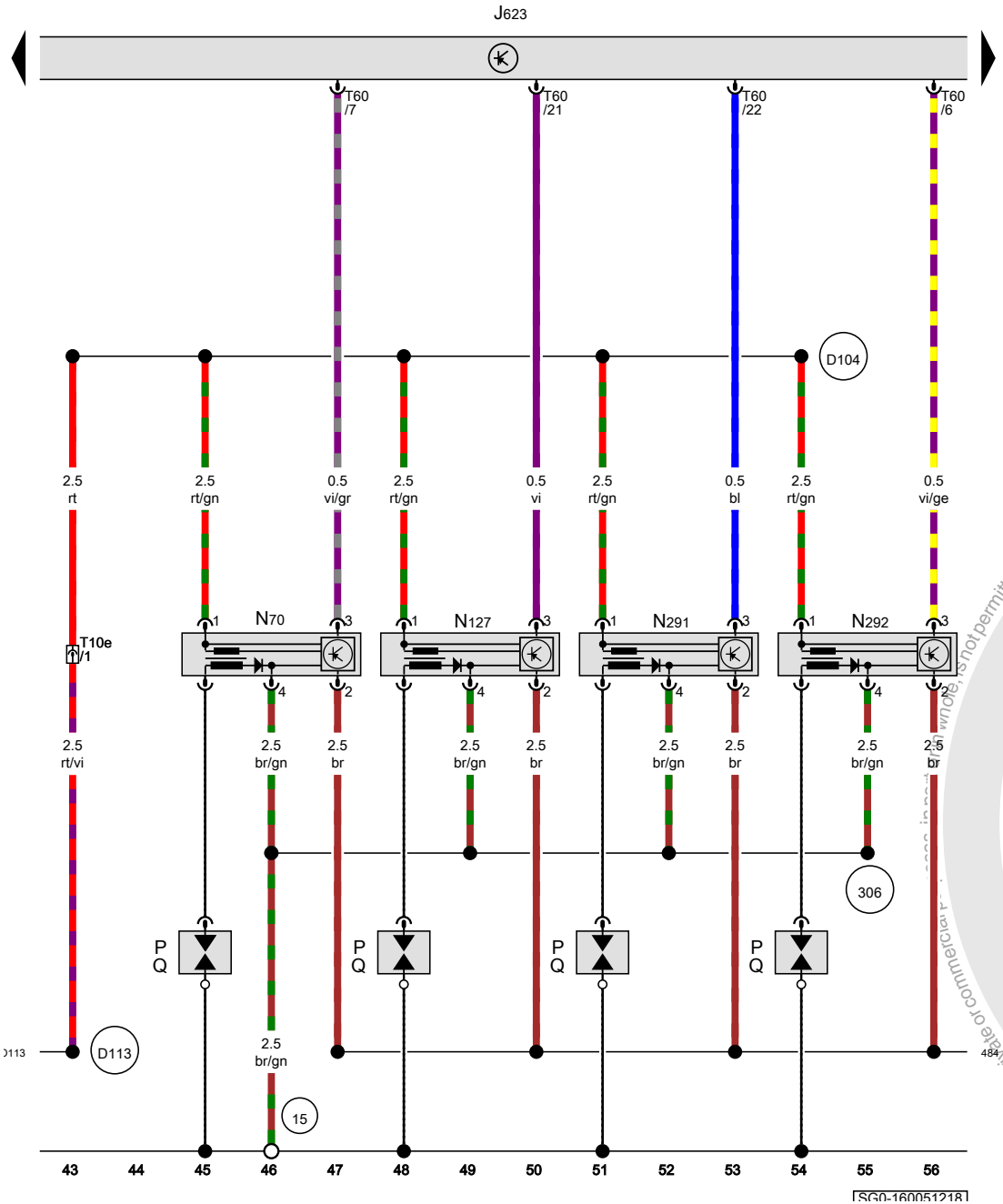

Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage, Spark plug connector, Spark plugs

J623	Engine/motor control unit, in E-box
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
P	Spark plug connector
Q	Spark plugs
T10e	10-pin connector, white, in E-box in engine compartment
T60	60-pin connector, black
15	Earth point, on cylinder head
306	Earth connection (ignition coils), in engine prewiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
D104	Positive connection 2 (30a), in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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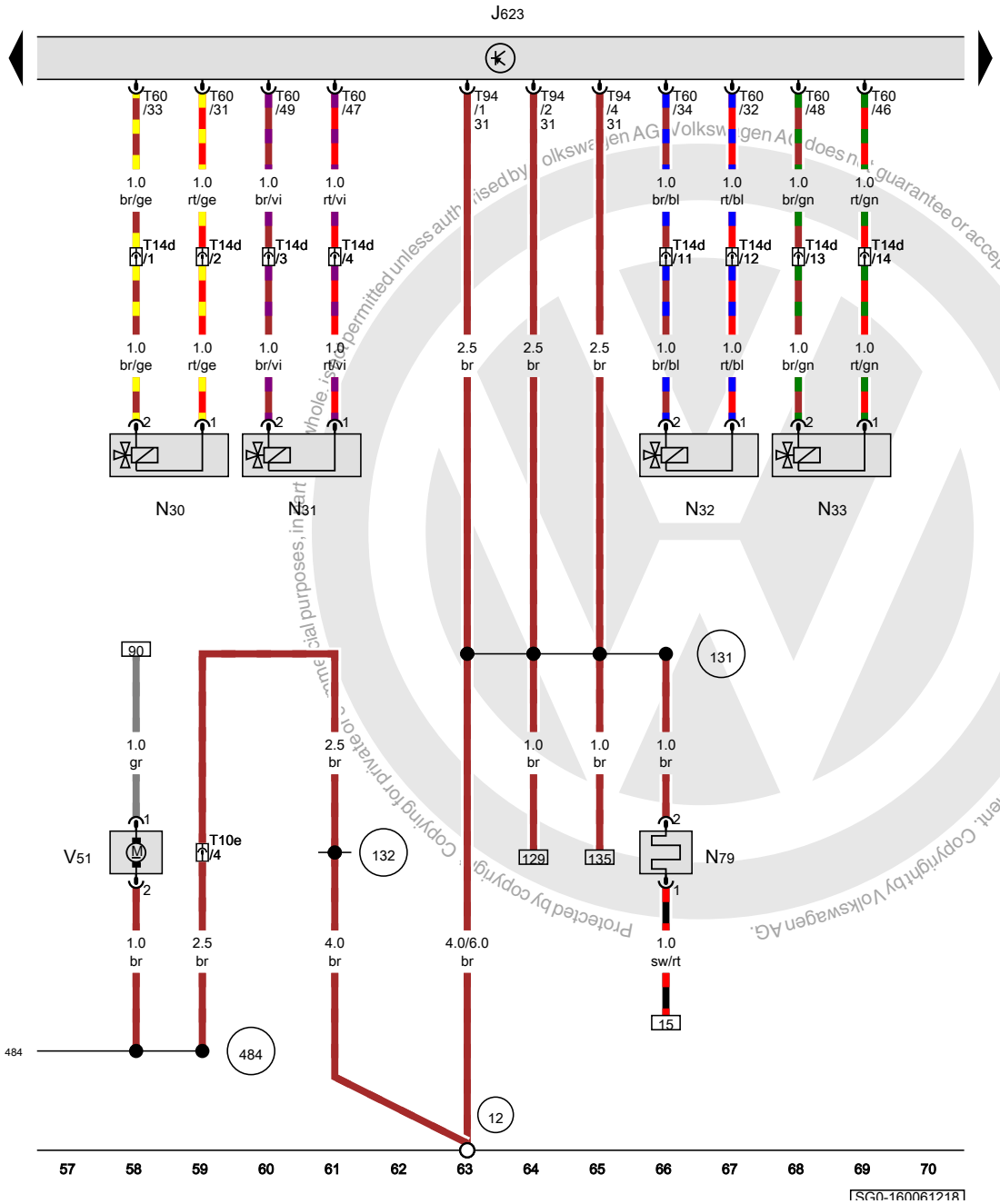

Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Heater element for crankcase breather, Continued coolant circulation pump

J623	Engine/motor control unit, in E-box
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N79	Heater element for crankcase breather
T10e	10-pin connector, white, in E-box in engine compartment
T14d	14-pin connector, black, on front of engine
T60	60-pin connector, black
T94	94-pin connector, black
V51	Continued coolant circulation pump
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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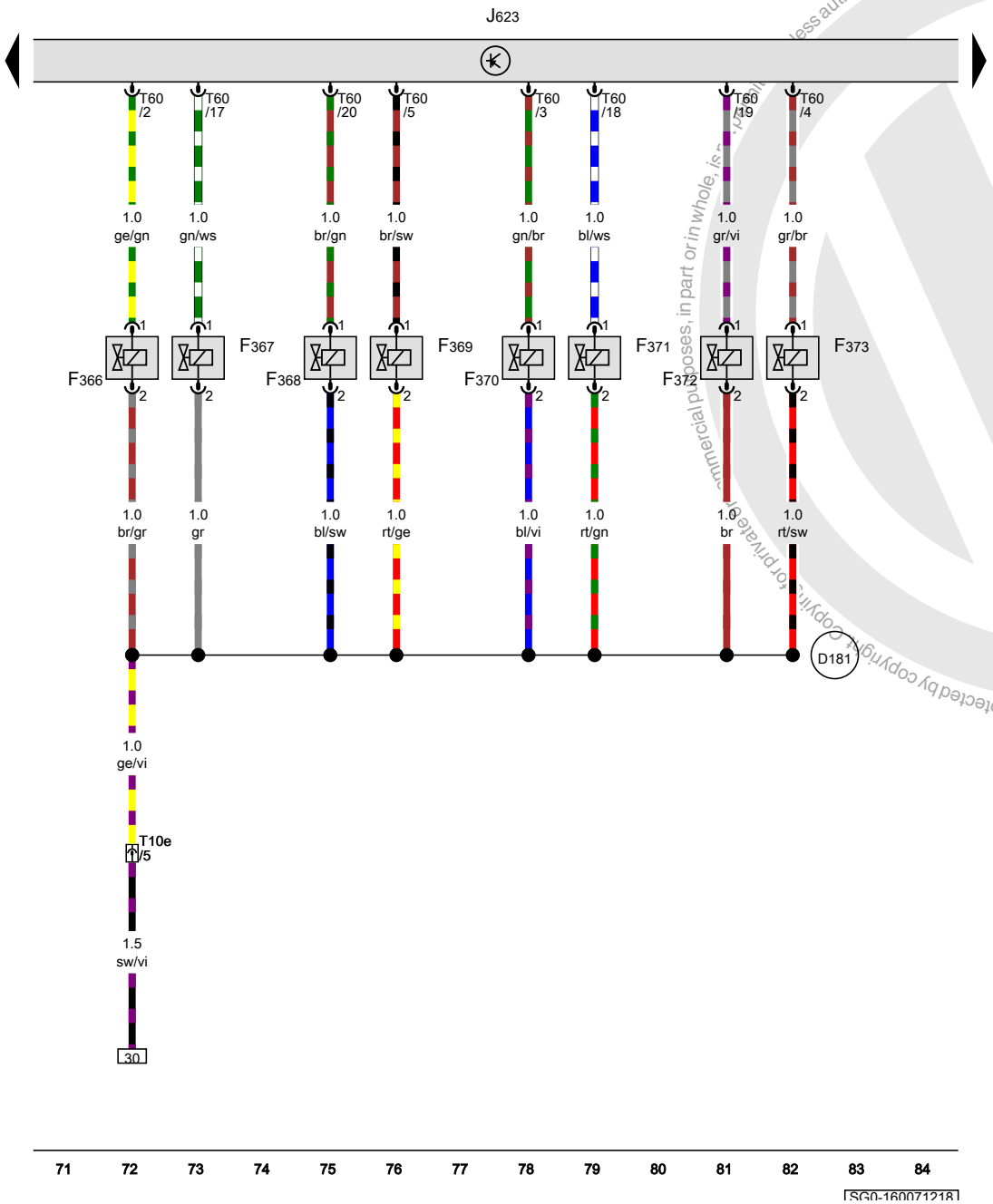
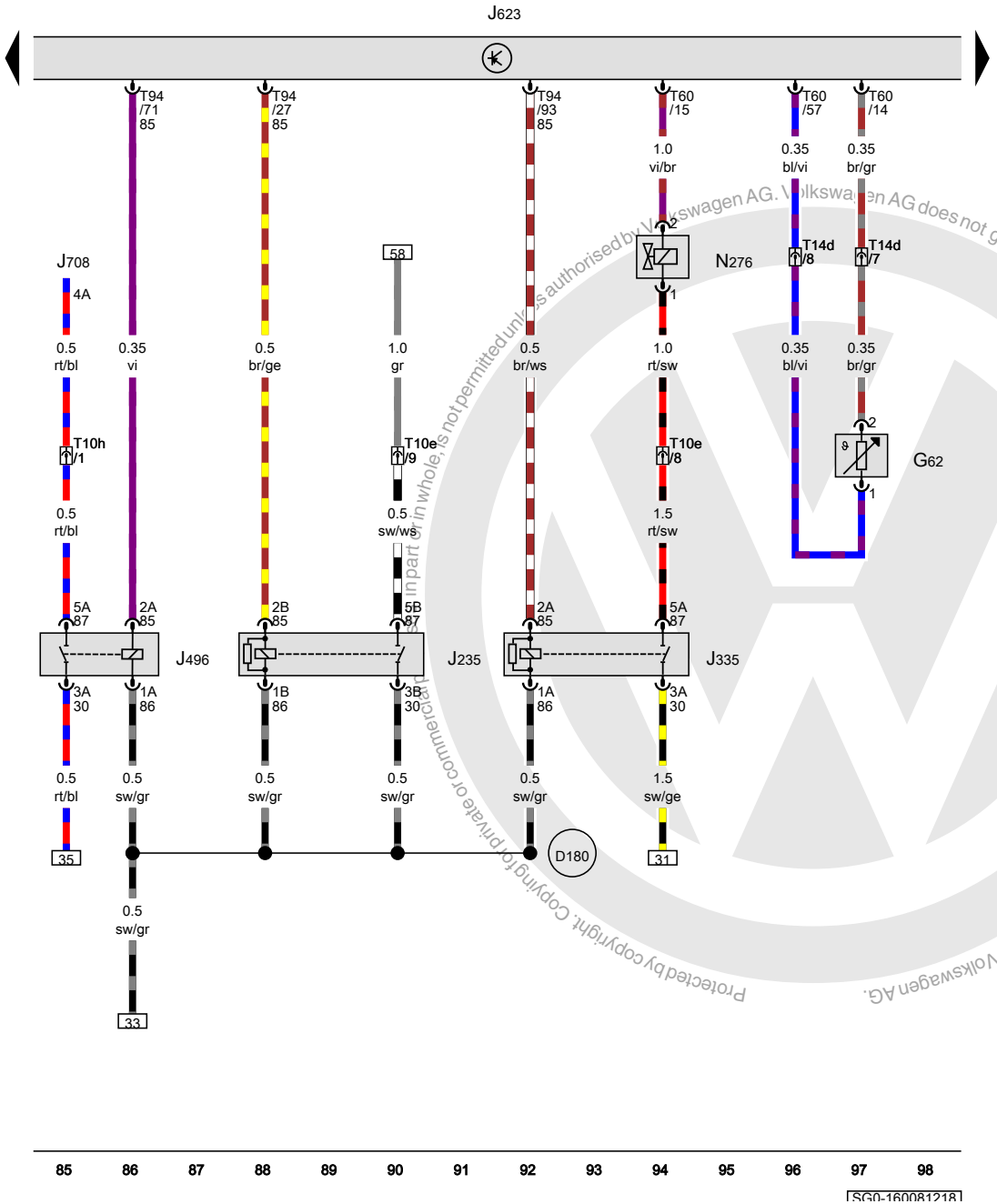


Cam adjustment actuator 1, Cam adjustment actuator 2, Cam adjustment actuator 3, Cam adjustment actuator 4, Cam adjustment actuator 5, Cam adjustment actuator 6, Cam adjustment actuator 7, Cam adjustment actuator 8, Engine/motor control unit

F366	Cam adjustment actuator 1
F367	Cam adjustment actuator 2
F368	Cam adjustment actuator 3
F369	Cam adjustment actuator 4
F370	Cam adjustment actuator 5
F371	Cam adjustment actuator 6
F372	Cam adjustment actuator 7
F373	Cam adjustment actuator 8
J623	Engine/motor control unit, in E-box
T10e	10-pin connector, white, in E-box in engine compartment
T60	60-pin connector, black
D181	Connection 2 (87a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Coolant temperature sender, Coolant pump relay, Fuel shut-off valve switch-off relay, Additional coolant pump relay, Engine/motor control unit, Fuel pressure regulating valve

G62	Coolant temperature sender
J235	Coolant pump relay, in E-box
J335	Fuel shut-off valve switch-off relay, in E-box
J496	Additional coolant pump relay, in E-box
J623	Engine/motor control unit, in E-box
J708	Residual heat relay
N276	Fuel pressure regulating valve
T10e	10-pin connector, white, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T14d	14-pin connector, black, on front of engine
T60	60-pin connector, black
T94	94-pin connector, black
D180	Connection (87a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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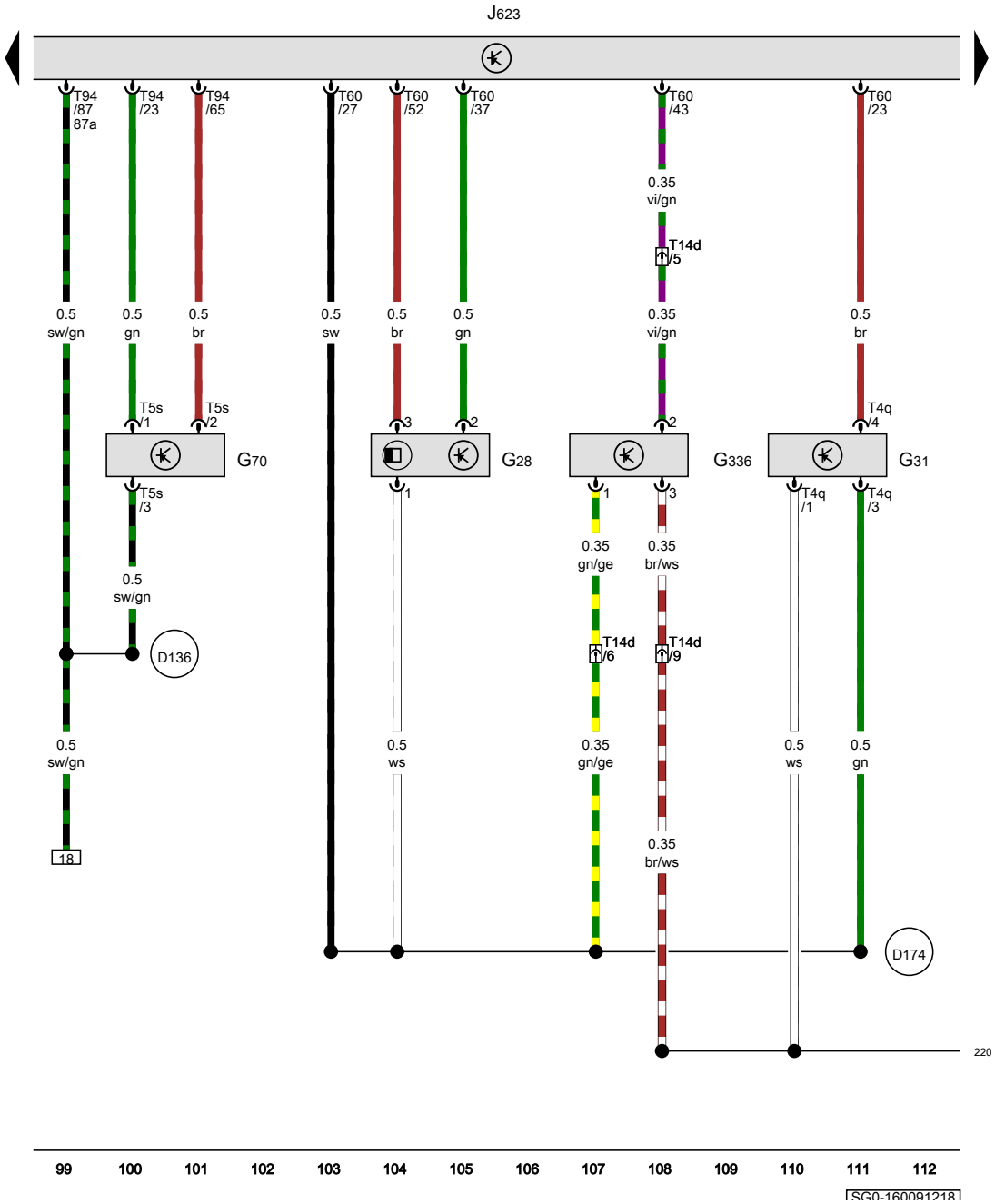

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Engine speed sender, Charge pressure sender, Air mass meter, Intake manifold flap potentiometer, Engine/motor control unit

G28	Engine speed sender
G31	Charge pressure sender
G70	Air mass meter
G336	Intake manifold flap potentiometer
J623	Engine/motor control unit, in E-box
T4q	4-pin connector, brown
T5s	5-pin connector, black
T14d	14-pin connector, black, on front of engine
T60	60-pin connector, black
T94	94-pin connector, black
220	Earth connection (sender earth), in engine wiring harness
D136	Positive connection 2 (15a), in engine compartment wiring harness
D174	Connection 2 (5V) in engine prewiring harness

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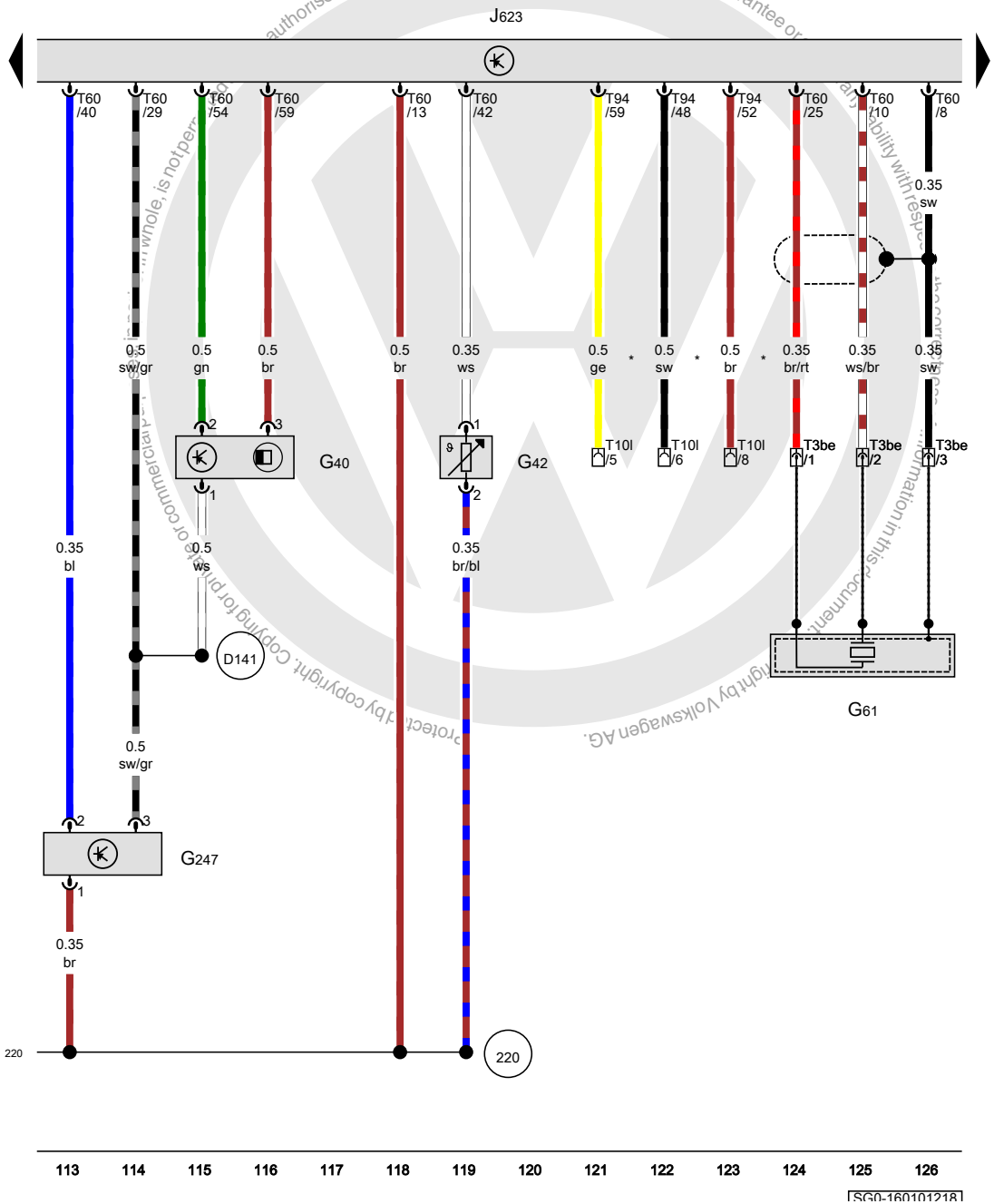

Hall sender, Intake air temperature sender, Knock sensor 1, Fuel pressure sender, Engine/motor control unit

G40	Hall sender
G42	Intake air temperature sender
G61	Knock sensor 1
G247	Fuel pressure sender
J623	Engine/motor control unit, in E-box
T3be	3-pin connector, green, on front of engine
T10l	10-pin connector, light green, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
220	Earth connection (sender earth), in engine wiring harness
D141	Connection (5V) in engine prewiring harness
*	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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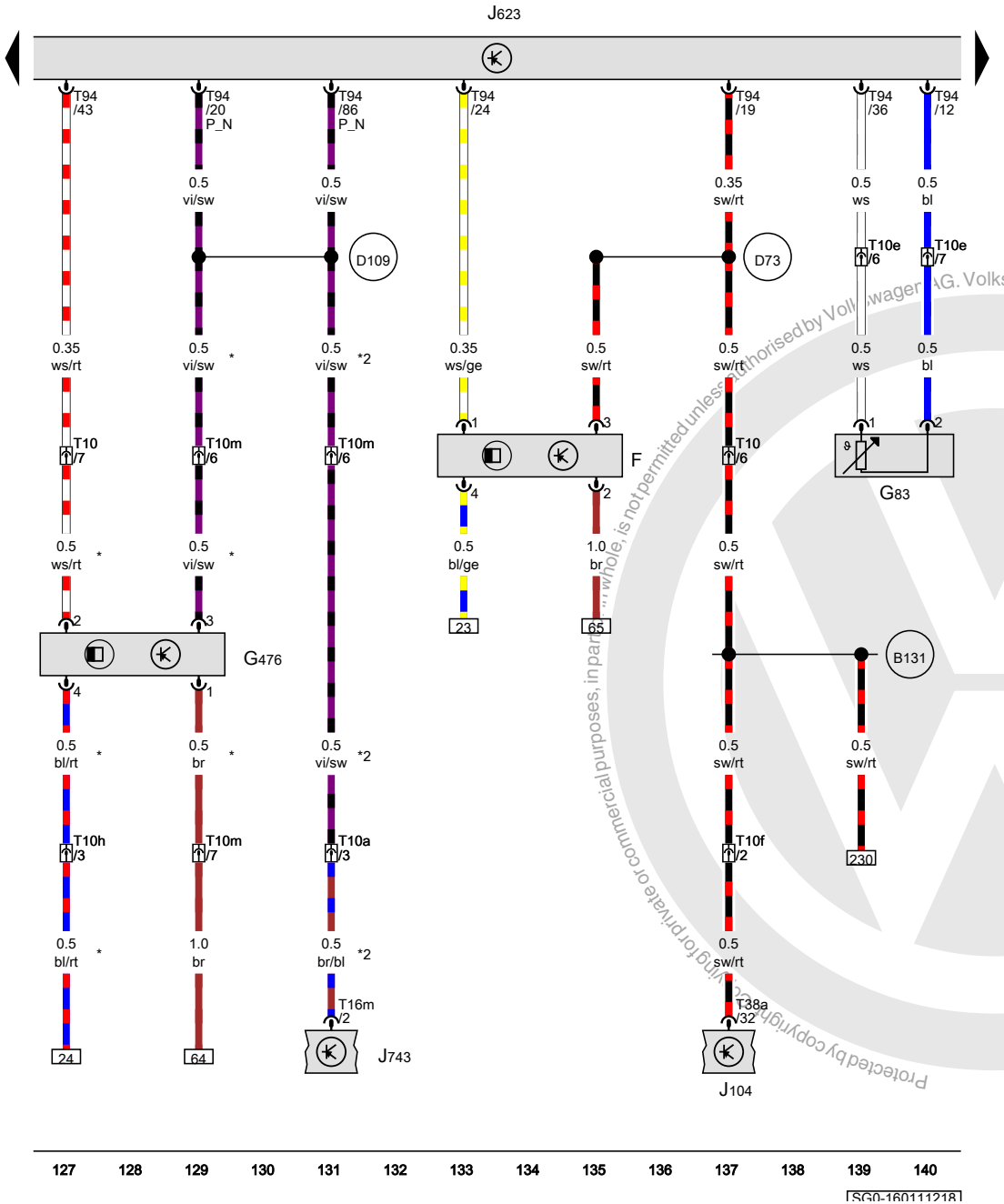

Brake light switch, Radiator outlet coolant temperature sender, Clutch position sender, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

F	Brake light switch, on brake master cylinder
G83	Radiator outlet coolant temperature sender
G476	Clutch position sender
J104	ABS control unit
J623	Engine/motor control unit, in E-box
J743	Mechatronic unit for dual clutch gearbox
T10	10-pin connector, black, in E-box in engine compartment
T10a	10-pin connector, brown, in E-box in engine compartment
T10e	10-pin connector, white, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T16m	16-pin connector, black
T38a	38-pin connector, black
T94	94-pin connector, black
B131	Connection (54), in interior wiring harness
D73	Positive connection (54), in engine compartment wiring harness
D109	Connection 7 in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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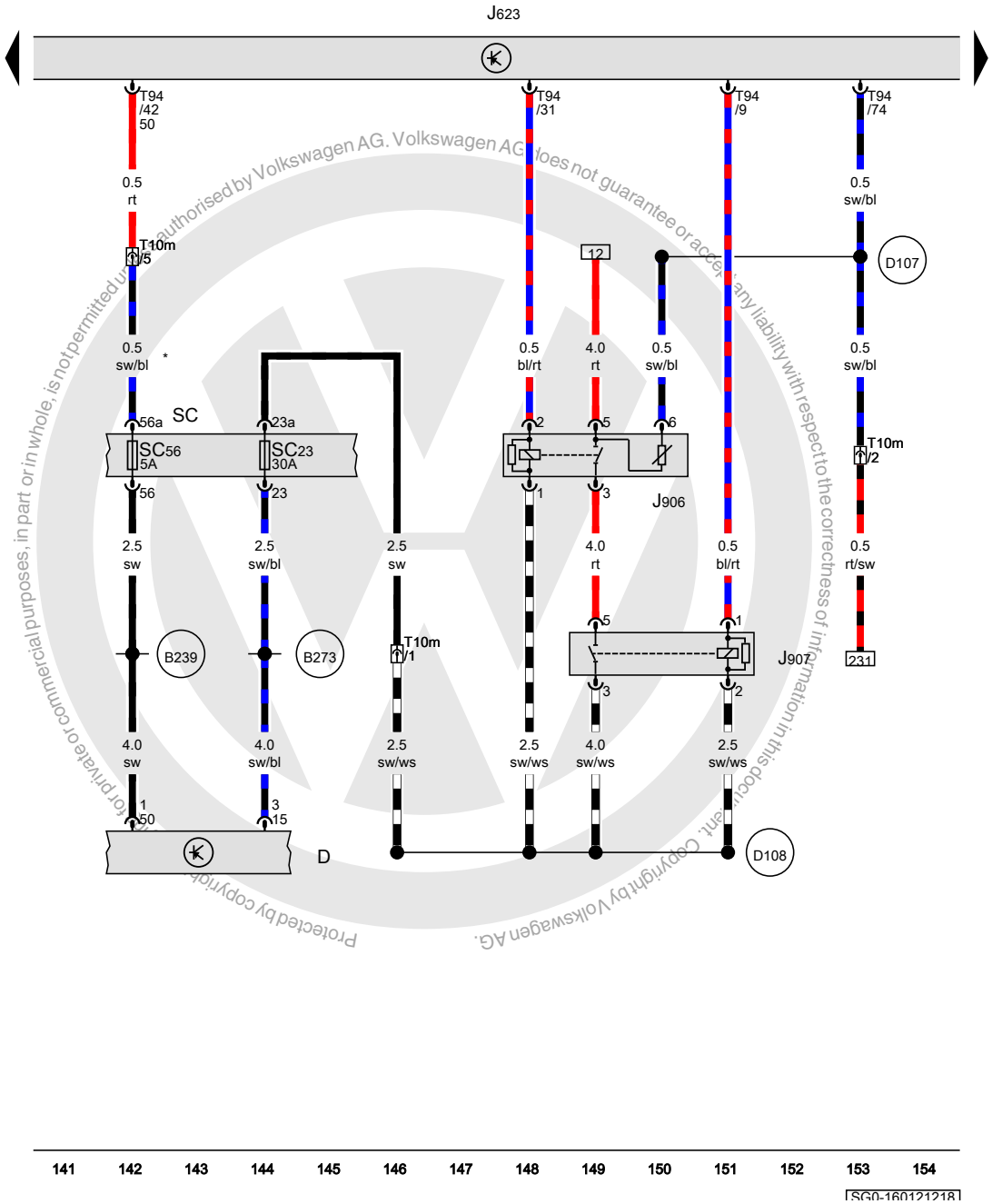

Engine/motor control unit, Starter relay 1, Starter relay 2, Fuse holder C, Fuse 23 on fuse holder C, Fuse 56 on fuse holder C

D	Ignition/starter switch
J623	Engine/motor control unit, in E-box
J906	Starter relay 1, in E-box
J907	Starter relay 2, in E-box
SC	Fuse holder C, in centre of dash panel
SC23	Fuse 23 on fuse holder C
SC56	Fuse 56 on fuse holder C
T10m	10-pin connector, light pink, in E-box in engine compartment
T94	94-pin connector, black
B239	Positive connection 1 (50), in interior wiring harness
B273	Positive connection (15), in main wiring harness
D107	Connection 5 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
*	For models with no electric interface

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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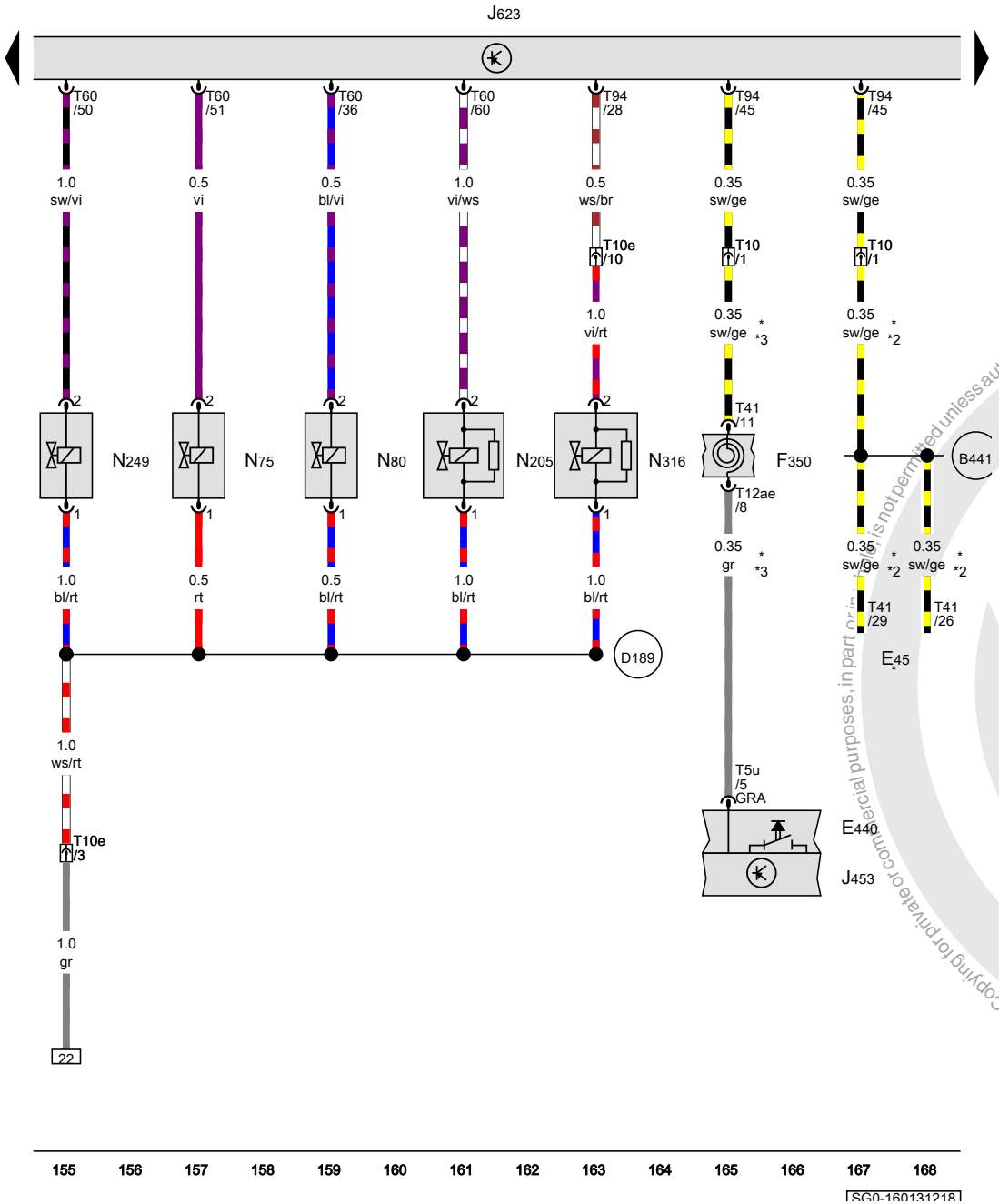

Cruise control system switch, Multifunction buttons on left in steering wheel, Coil connector, Multifunction steering wheel control unit, Engine/motor control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve, Intake manifold flap valve

E45	Cruise control system switch
E440	Multifunction buttons on left in steering wheel
F350	Coil connector, in steering wheel
J453	Multifunction steering wheel control unit
J623	Engine/motor control unit, in E-box
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
T5u	5-pin connector, black
T10	10-pin connector, black, in E-box in engine compartment
T10e	10-pin connector, white, in E-box in engine compartment
T12ae	12-pin connector, yellow
T41	41-pin connector, grey
T60	60-pin connector, black
T94	94-pin connector, black
B441	Connection (CCS), in main wiring harness
D189	Connection (87a) in engine prewiring harness
*	For models with cruise control system
*2	For models with no multifunction steering wheel
*3	For models with multifunction steering wheel

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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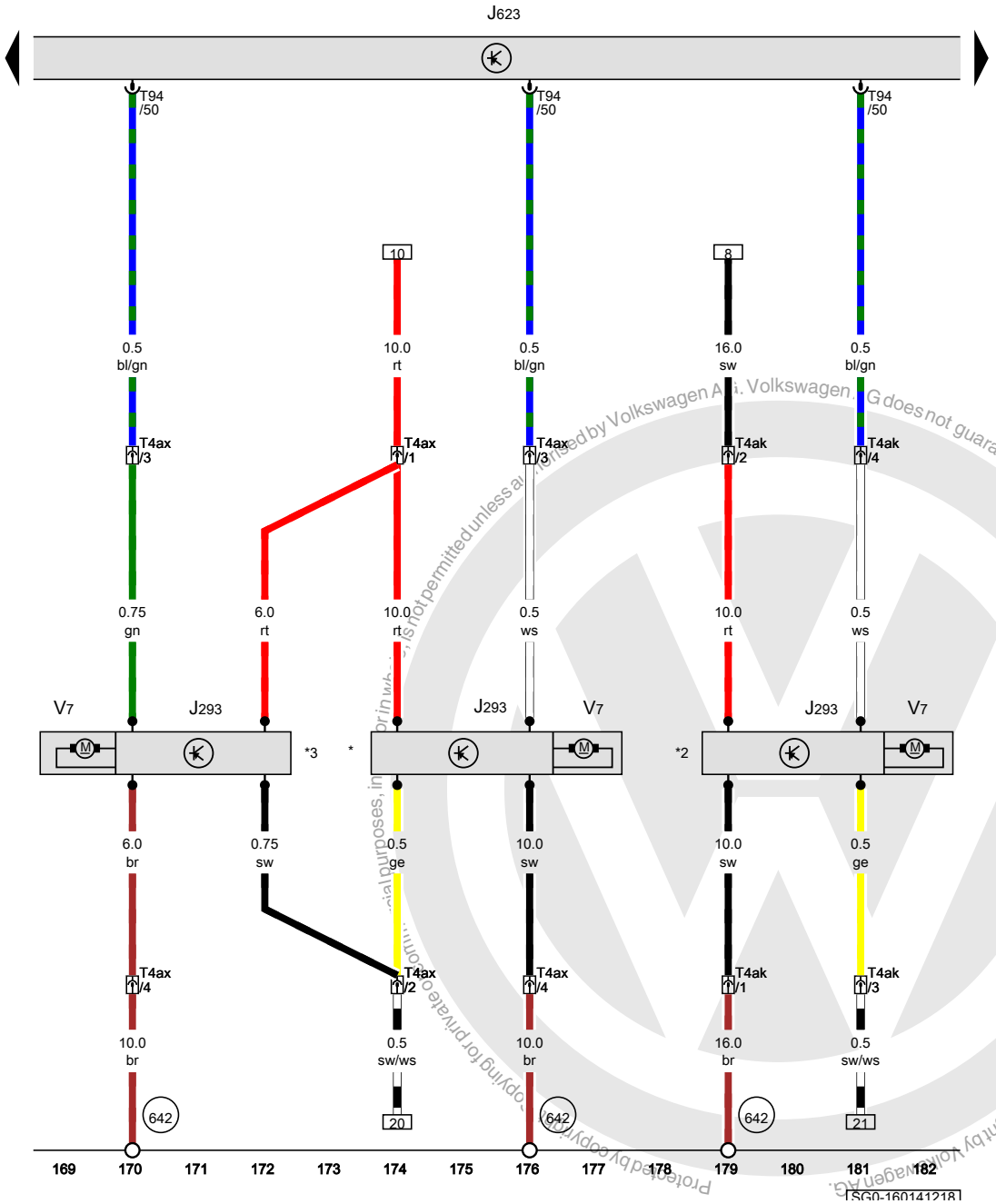

Radiator fan control unit, Engine/motor control unit

J293	Radiator fan control unit
J623	Engine/motor control unit, in E-box
T4ak	4-pin connector, black, near radiator fan
T4ax	4-pin connector, black, near radiator fan
T94	94-pin connector, black
V7	Radiator fan
642	Earth point for electronically controlled fan
*	For models with medium fan output
*2	For models with increased fan output
*3	For models with low fan output

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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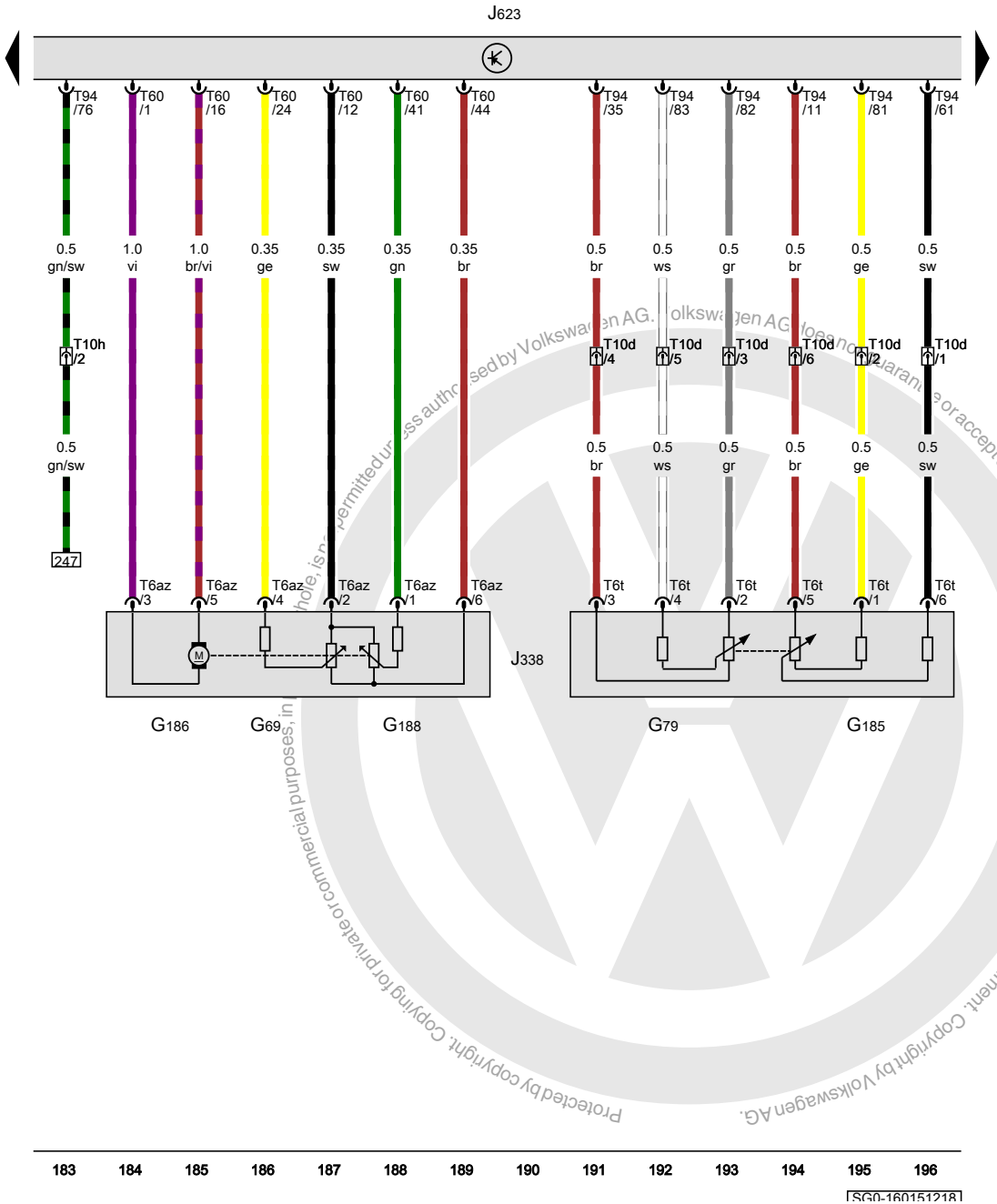

Accelerator position sender, Accelerator position sender 2, Throttle valve drive for electric throttle, Throttle valve module, Engine/motor control unit

G69	Throttle valve potentiometer
G79	Accelerator position sender
G185	Accelerator position sender 2
G186	Throttle valve drive for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J338	Throttle valve module
J623	Engine/motor control unit, in E-box
T6az	6-pin connector, black
T6t	6-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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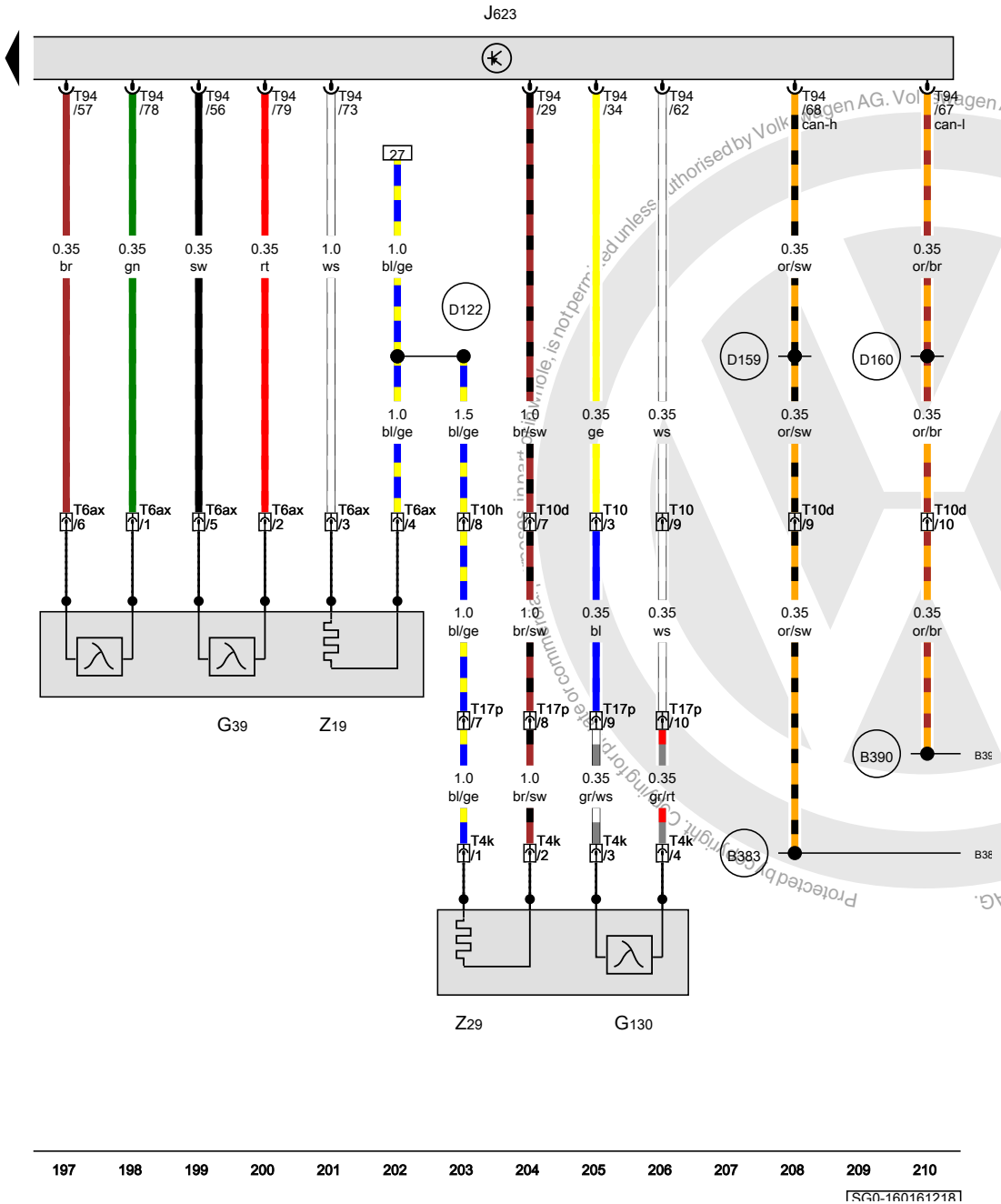

Lambda probe, Lambda probe after catalytic converter, Engine/motor control unit, Lambda probe heater, Lambda probe 1 heater after catalytic converter

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine/motor control unit, in E-box
T4k	4-pin connector, black, on underbody, next to auxiliary heater
T6ax	6-pin connector, black, on right in engine compartment
T10	10-pin connector, black, in E-box in engine compartment
T10d	10-pin connector, blue, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T17p	17-pin connector, red, under seat on front left
T94	94-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
D122	Connection 20 in engine compartment wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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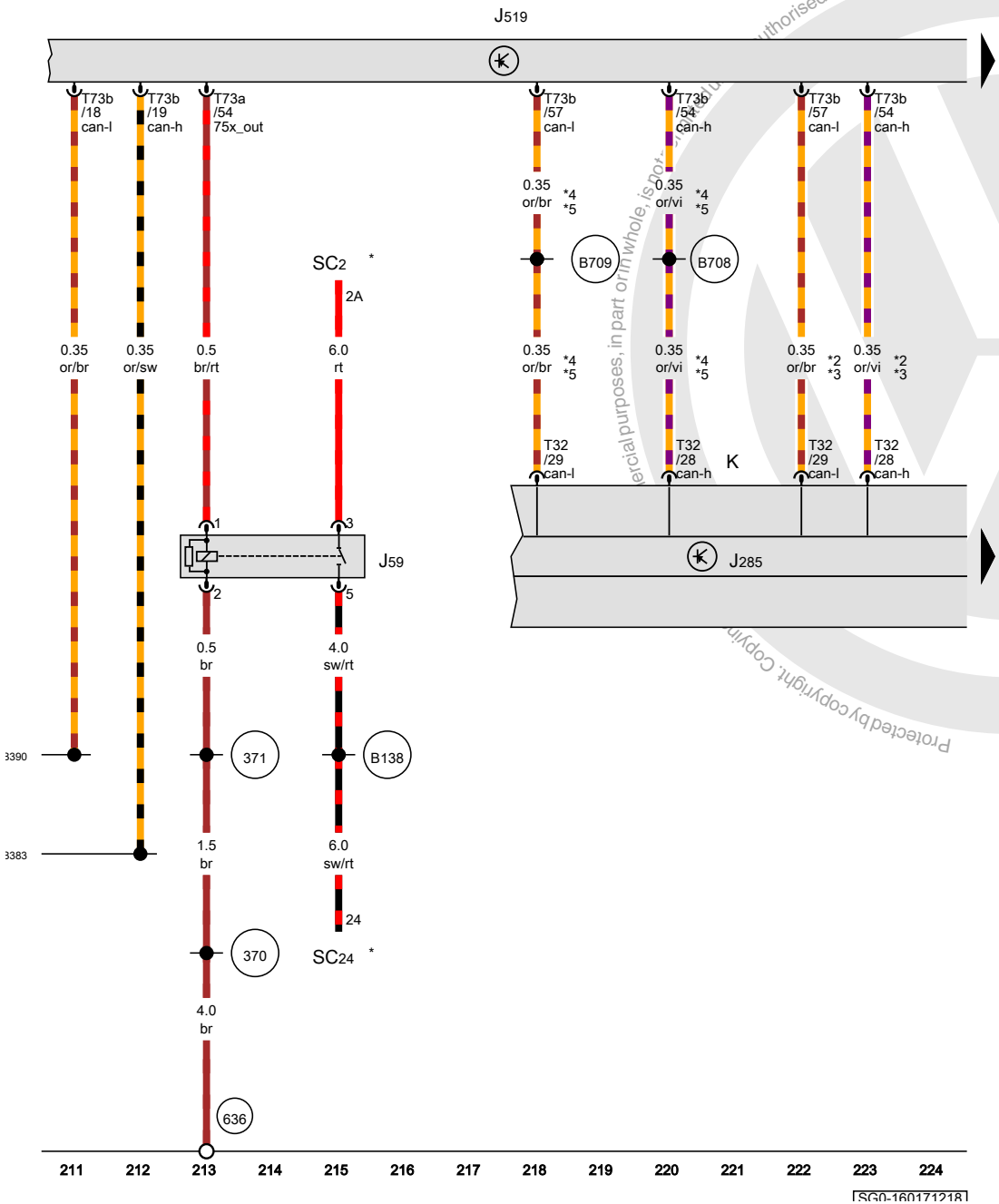

X-contact relief relay, Onboard supply control unit, Dash panel insert

J59	X-contact relief relay
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
SC2	Fuse 2 on fuse holder C
SC24	Fuse 24 on fuse holder C
T32	32-pin connector, blue
T73a	73-pin connector, black
T73b	73-pin connector, white
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
636	Earth point, onboard supply control unit
B138	Positive connection (X), in interior wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with no rain and light sensor
*3	For models with no tachograph
*4	For models with rain sensor
*5	For models with tachograph

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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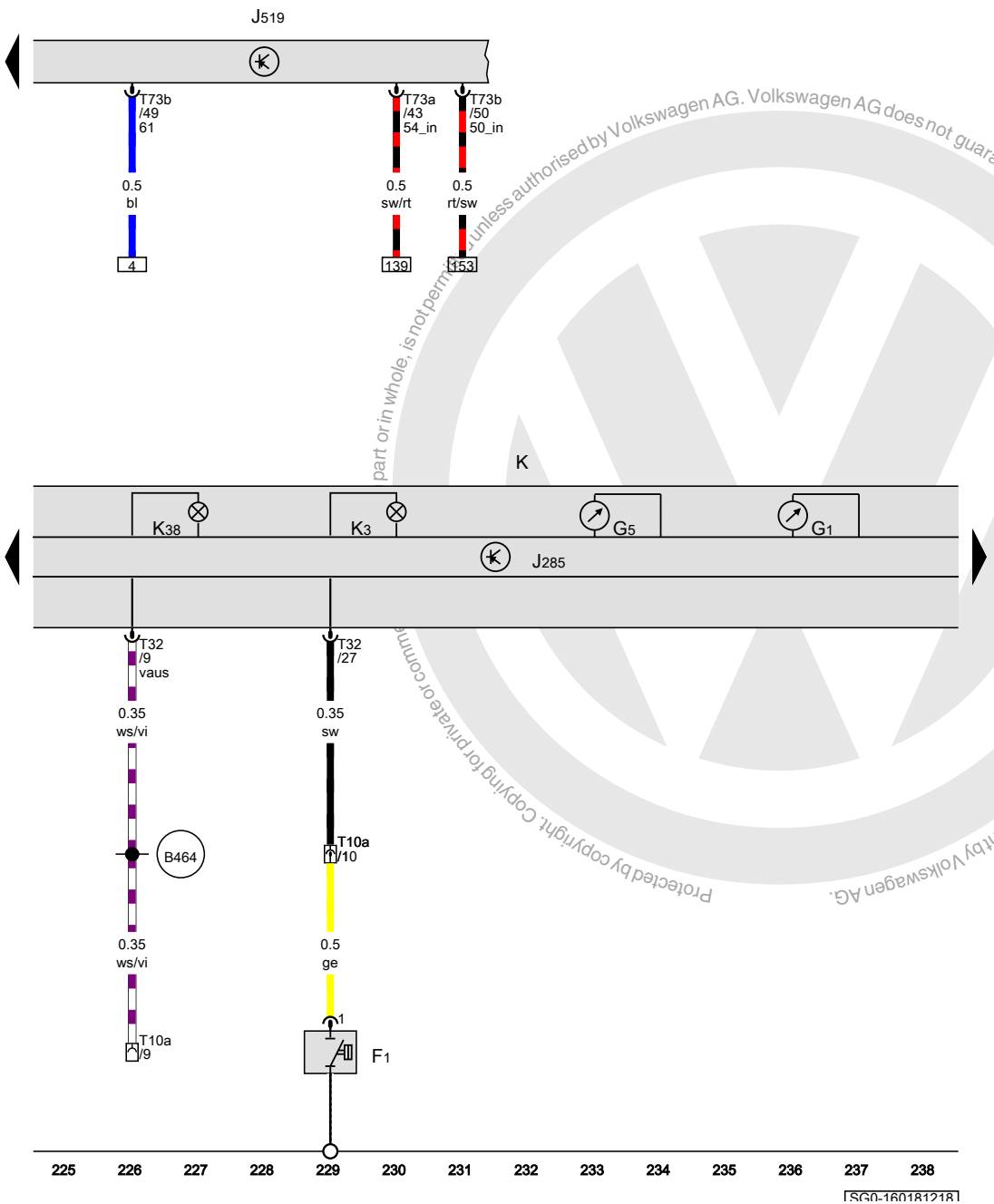
Oil pressure switch, Fuel gauge, Rev. counter, Onboard supply control unit, Dash panel insert, Oil pressure warning lamp, Oil level warning lamp



F1	Oil pressure switch
G1	Fuel gauge
G5	Rev. counter
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K3	Oil pressure warning lamp
K38	Oil level warning lamp
T10a	10-pin connector, brown, in E-box in engine compartment
T32	32-pin connector, blue
T73a	73-pin connector, black
T73b	73-pin connector, white
B464	Connection (speed signal), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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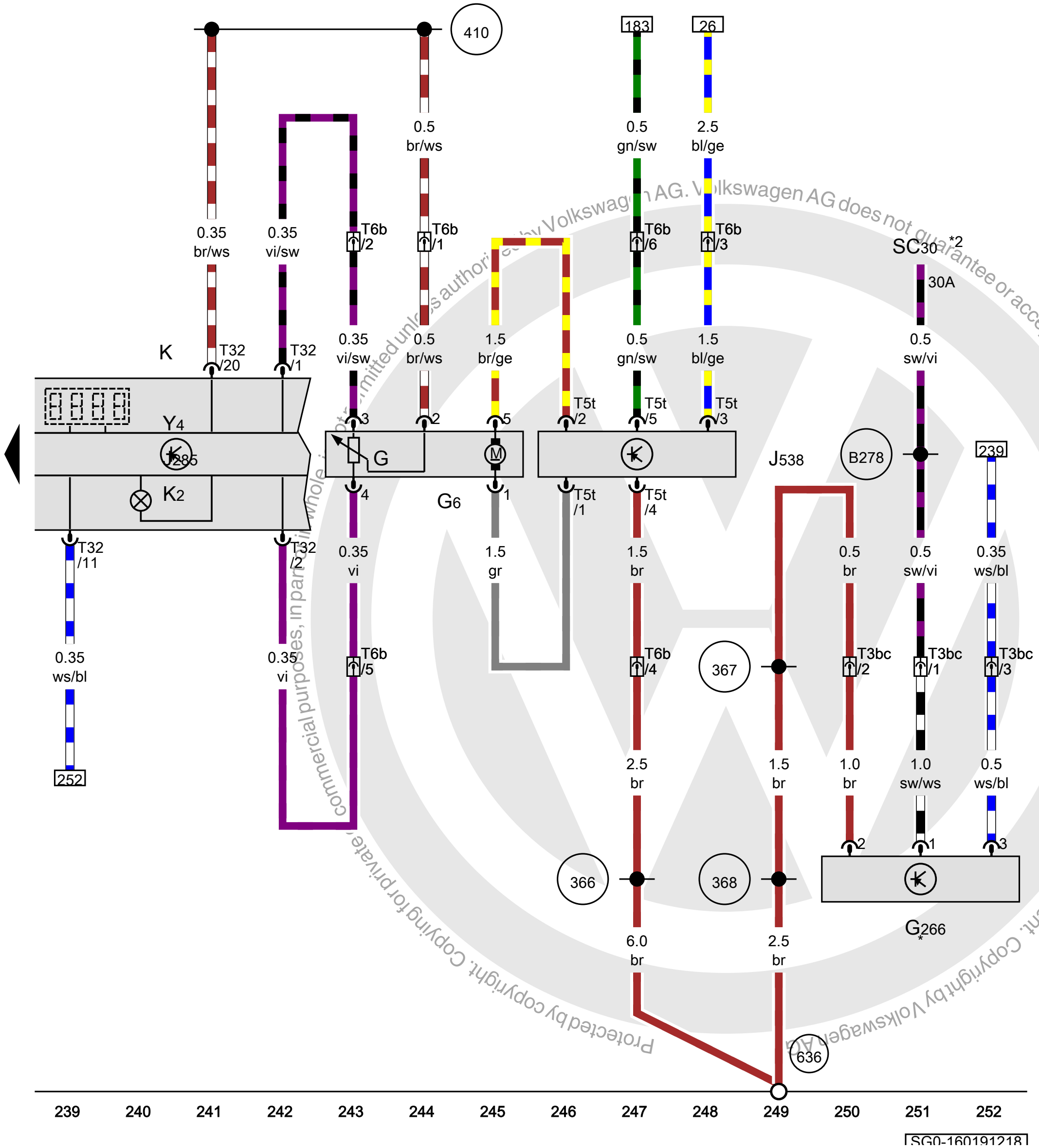
Fuel gauge sender, Fuel system pressurisation pump, Oil level and oil temperature sender, Fuel pump control unit, Dash panel insert, Alternator warning lamp, Trip counter



G	Fuel gauge sender
G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K	Dash panel insert
K2	Alternator warning lamp
SC30	Fuse 30 on fuse holder C
T3bc	3-pin connector, black, on underbody, near cross panel
T5t	5-pin connector, black
T6b	6-pin connector, black, on fuel tank
T32	32-pin connector, blue
Y4	Trip counter
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
410	Earth connection 1 (sender earth) in main wiring harness
636	Earth point, onboard supply control unit
B278	Positive connection 2 (15a) in main wiring harness
*	For models with extended service intervals (ESI)
*2	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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2.0l petrol engine with start/stop system , CJKA,CJKB,(7L6)

From August 2018

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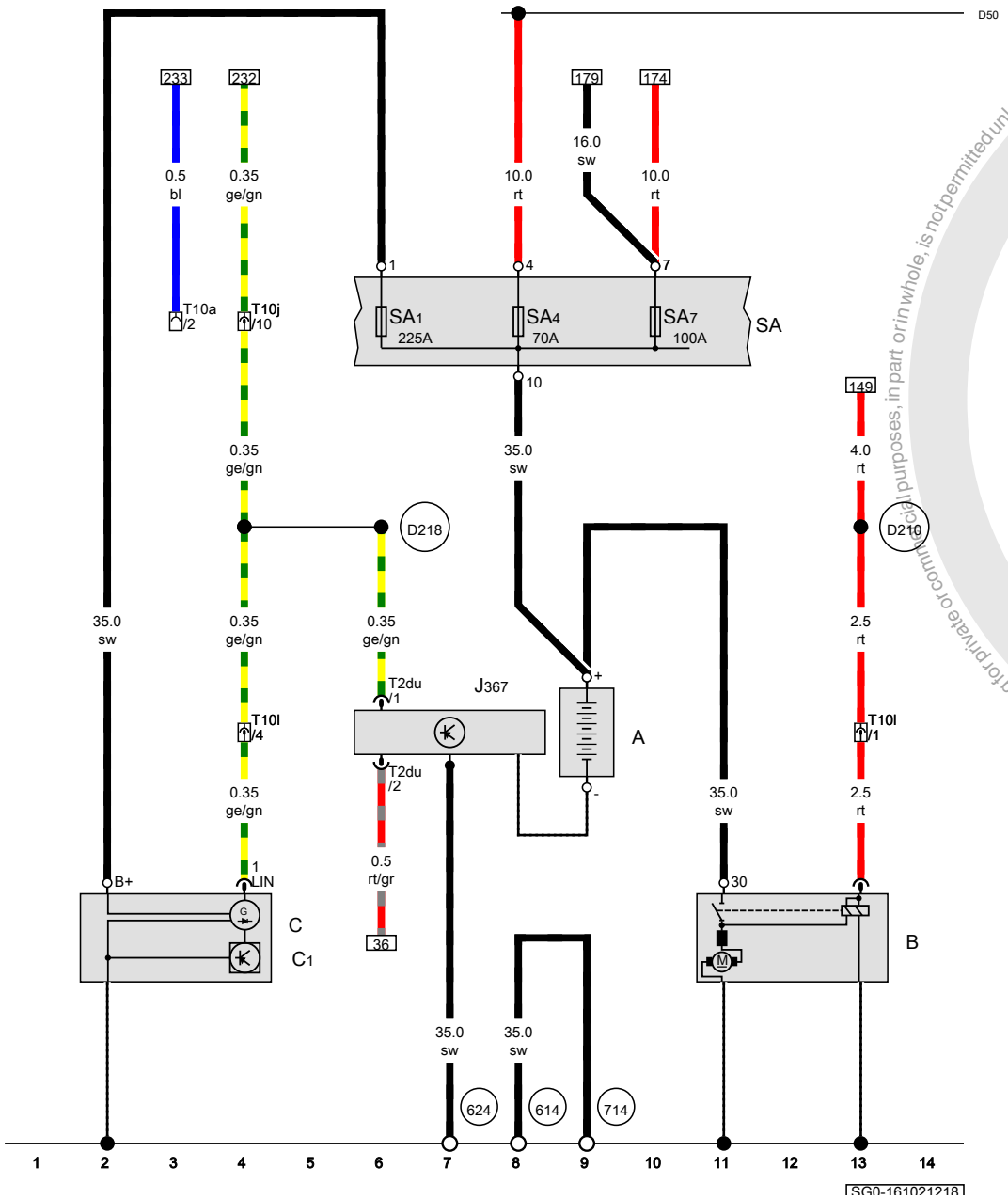
Battery, Starter, Alternator, Voltage regulator, Fuse holder A



A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J367	Battery monitor control unit
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA7	Fuse 7 on fuse holder A
T2du	2-pin connector, black
T10a	10-pin connector, brown, in E-box in engine compartment
T10j	10-pin connector, dark brown, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
614	Earth point 2, on right in engine compartment
624	Earth point, starter battery
714	Earth point on right of engine
D50	Positive connection (30), in engine compartment wiring harness
D210	Connection (50), in engine compartment wiring harness
D218	Connection 1 (LIN bus) in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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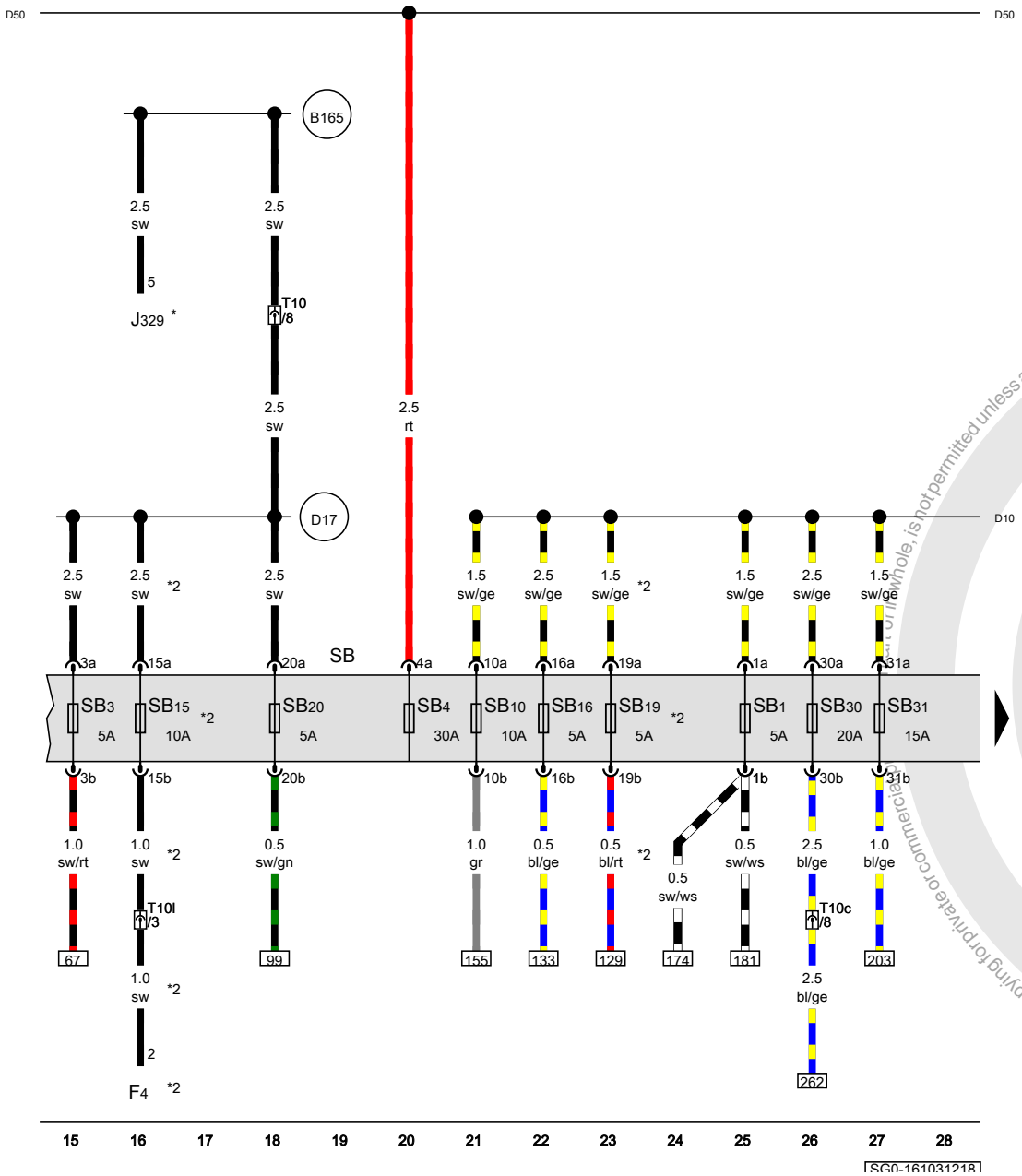

Fuse holder B

F4	Reversing light switch
J329	Terminal 15 voltage supply relay
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB19	Fuse 19 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB30	Fuse 30 on fuse holder B
SB31	Fuse 31 on fuse holder B
T10	10-pin connector, black, in E-box in engine compartment
T10c	10-pin connector, yellow, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
B165	Positive connection 2 (15), in interior wiring harness
D17	Positive connection 1 (15), in engine harness
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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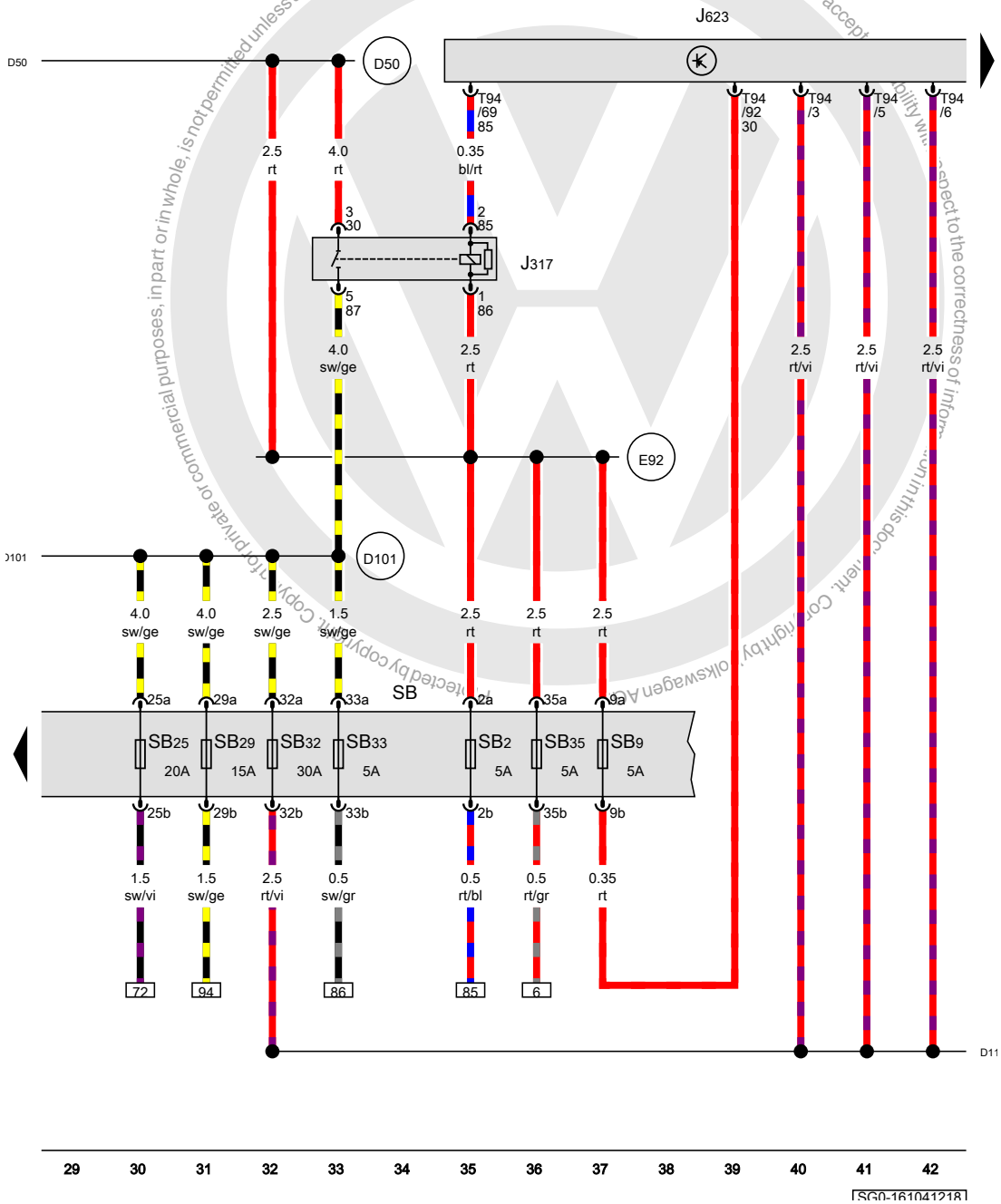
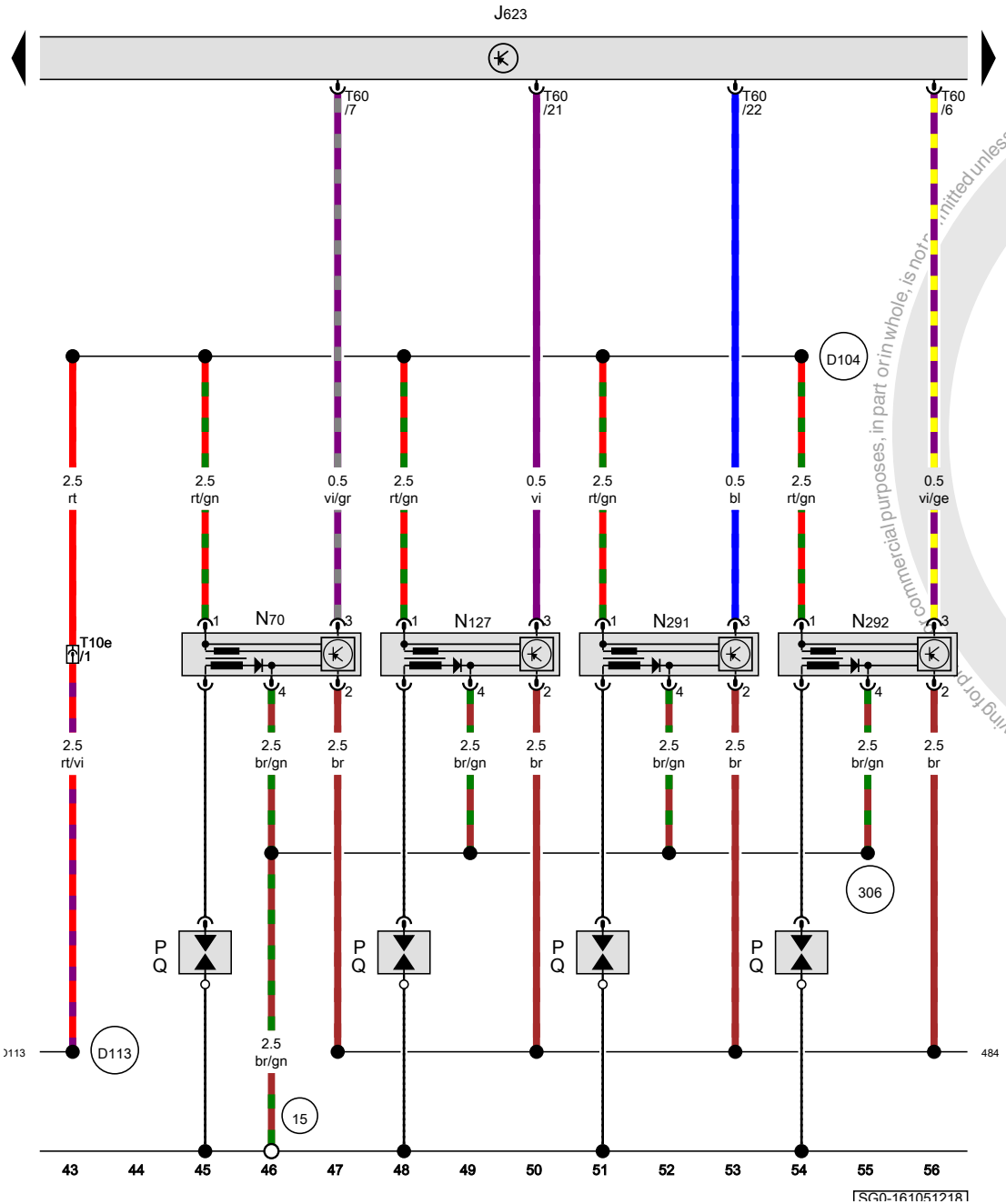


Terminal 30 voltage supply relay, Engine/motor control unit, Fuse holder B

J317	Terminal 30 voltage supply relay, in E-box
J623	Engine/motor control unit, in E-box
SB	Fuse holder B
SB2	Fuse 2 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB25	Fuse 25 on fuse holder B
SB29	Fuse 29 on fuse holder B
SB32	Fuse 32 on fuse holder B
SB33	Fuse 33 on fuse holder B
SB35	Fuse 35 on fuse holder B
T94	94-pin connector, black
D50	Positive connection (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage, Spark plug connector, Spark plugs



J623	Engine/motor control unit, in E-box
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
P	Spark plug connector
Q	Spark plugs
T10e	10-pin connector, white, in E-box in engine compartment
T60	60-pin connector, black
15	Earth point, on cylinder head
306	Earth connection (ignition coils), in engine prewiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
D104	Positive connection 2 (30a), in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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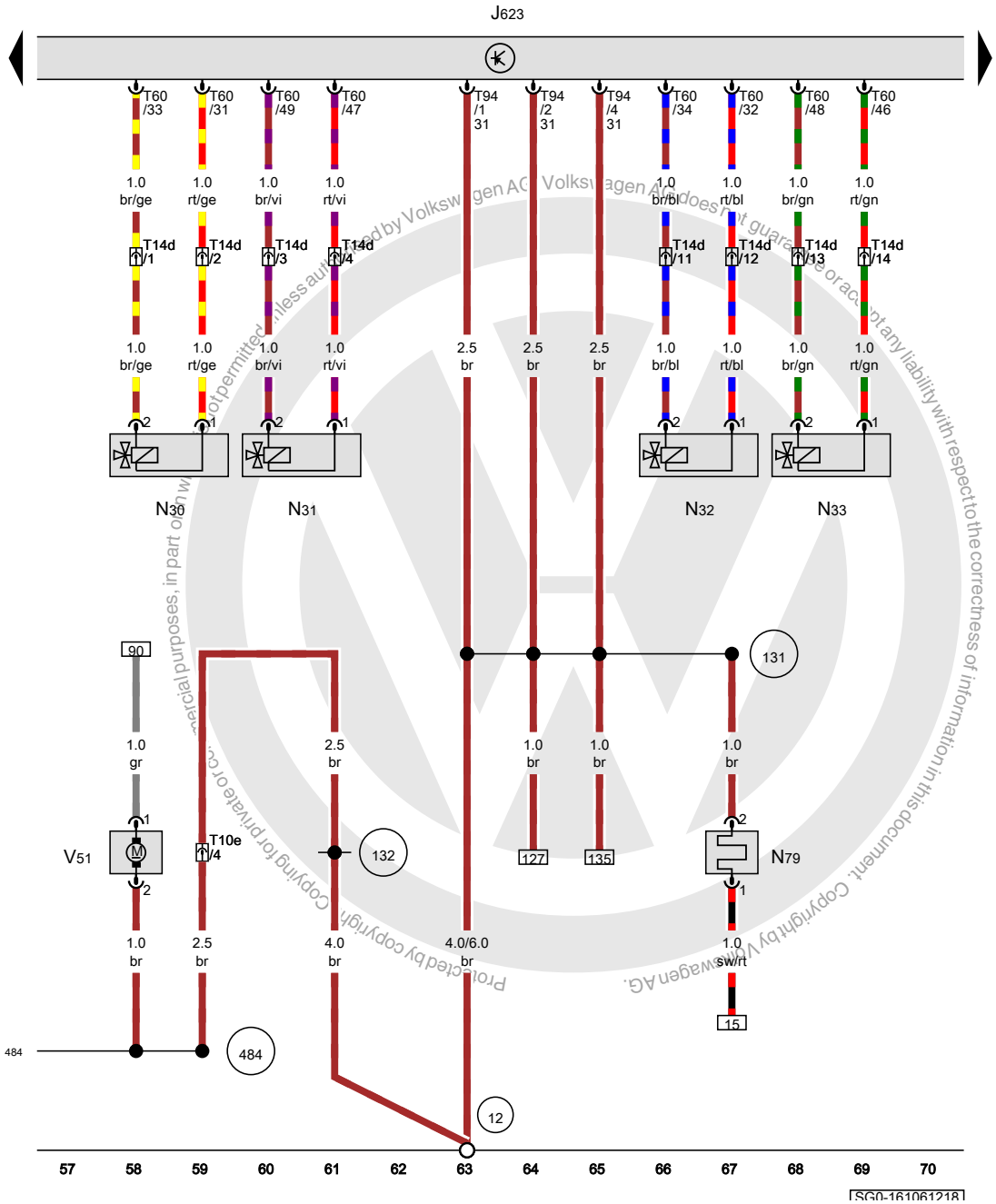

Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Heater element for crankcase breather, Continued coolant circulation pump

J623	Engine/motor control unit, in E-box
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N79	Heater element for crankcase breather
T10e	10-pin connector, white, in E-box in engine compartment
T14d	14-pin connector, black, on front of engine
T60	60-pin connector, black
T94	94-pin connector, black
V51	Continued coolant circulation pump
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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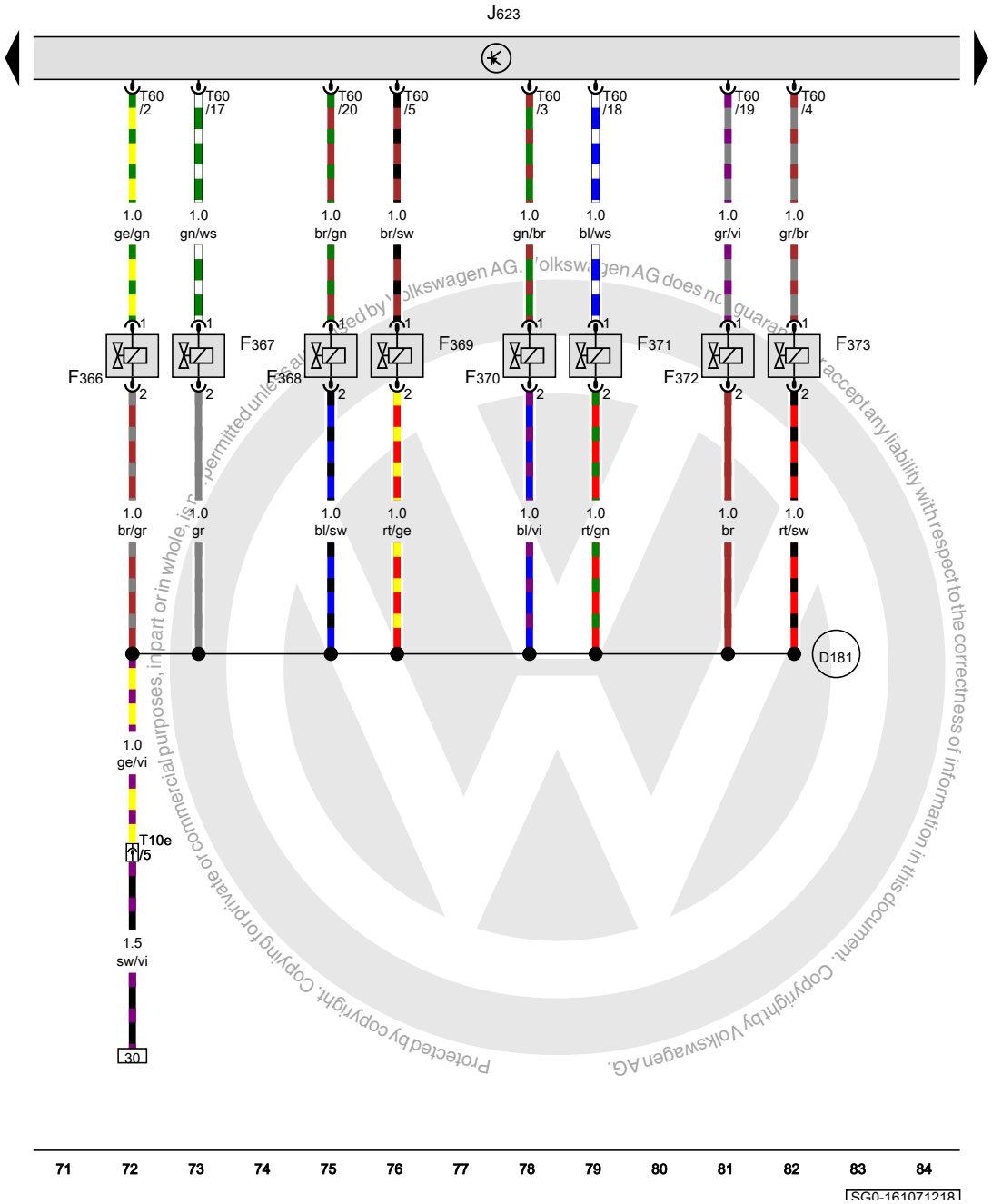

Cam adjustment actuator 1, Cam adjustment actuator 2, Cam adjustment actuator 3, Cam adjustment actuator 4, Cam adjustment actuator 5, Cam adjustment actuator 6, Cam adjustment actuator 7, Cam adjustment actuator 8, Engine/motor control unit

F366	Cam adjustment actuator 1
F367	Cam adjustment actuator 2
F368	Cam adjustment actuator 3
F369	Cam adjustment actuator 4
F370	Cam adjustment actuator 5
F371	Cam adjustment actuator 6
F372	Cam adjustment actuator 7
F373	Cam adjustment actuator 8
J623	Engine/motor control unit, in E-box
T10e	10-pin connector, white, in E-box in engine compartment
T60	60-pin connector, black
D181	Connection 2 (87a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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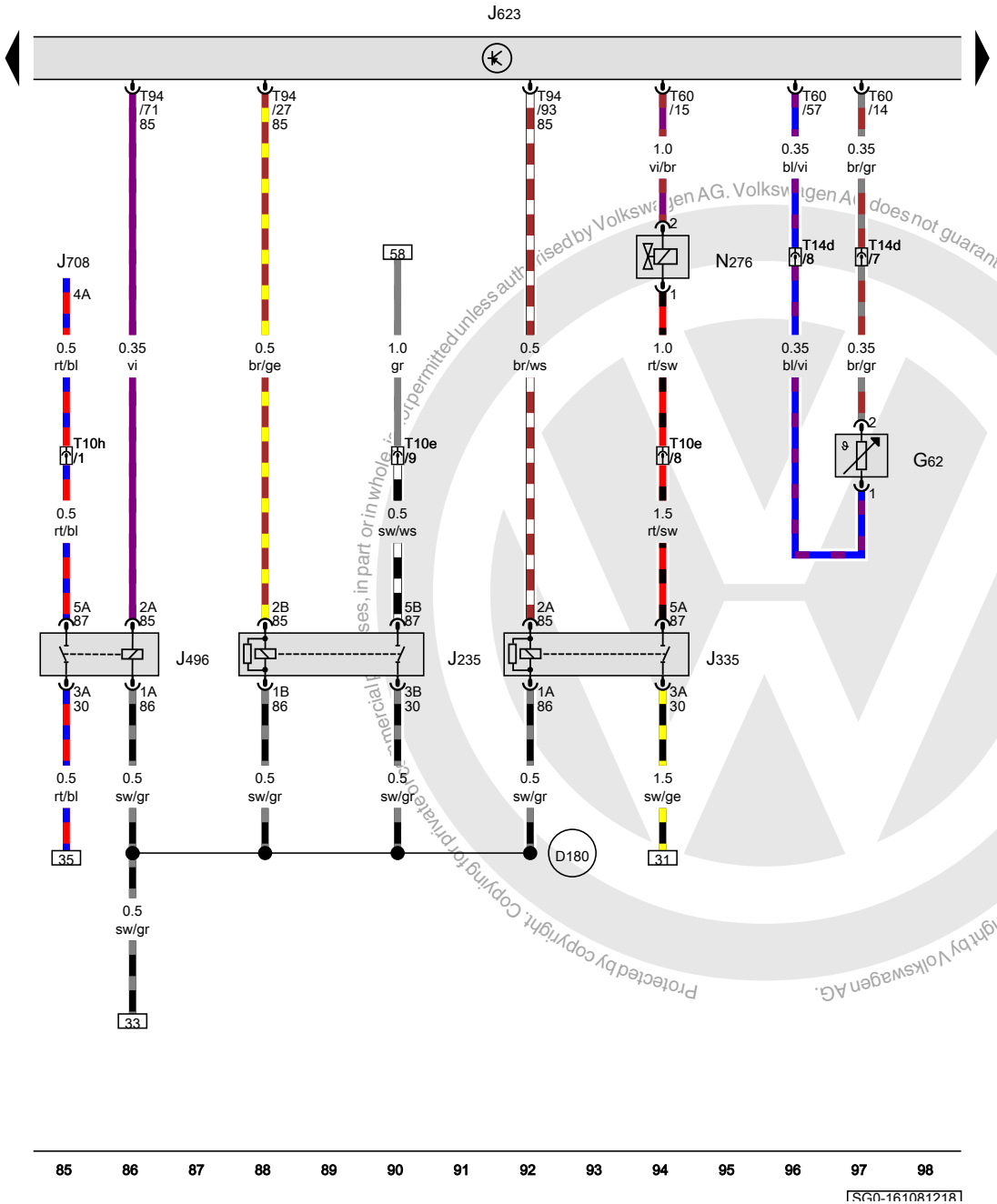

Coolant temperature sender, Coolant pump relay, Fuel shut-off valve switch-off relay, Additional coolant pump relay, Engine/motor control unit, Fuel pressure regulating valve

G62	Coolant temperature sender
J235	Coolant pump relay, in E-box
J335	Fuel shut-off valve switch-off relay, in E-box
J496	Additional coolant pump relay, in E-box
J623	Engine/motor control unit, in E-box
J708	Residual heat relay
N276	Fuel pressure regulating valve
T10e	10-pin connector, white, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T14d	14-pin connector, black, on front of engine
T60	60-pin connector, black
T94	94-pin connector, black
D180	Connection (87a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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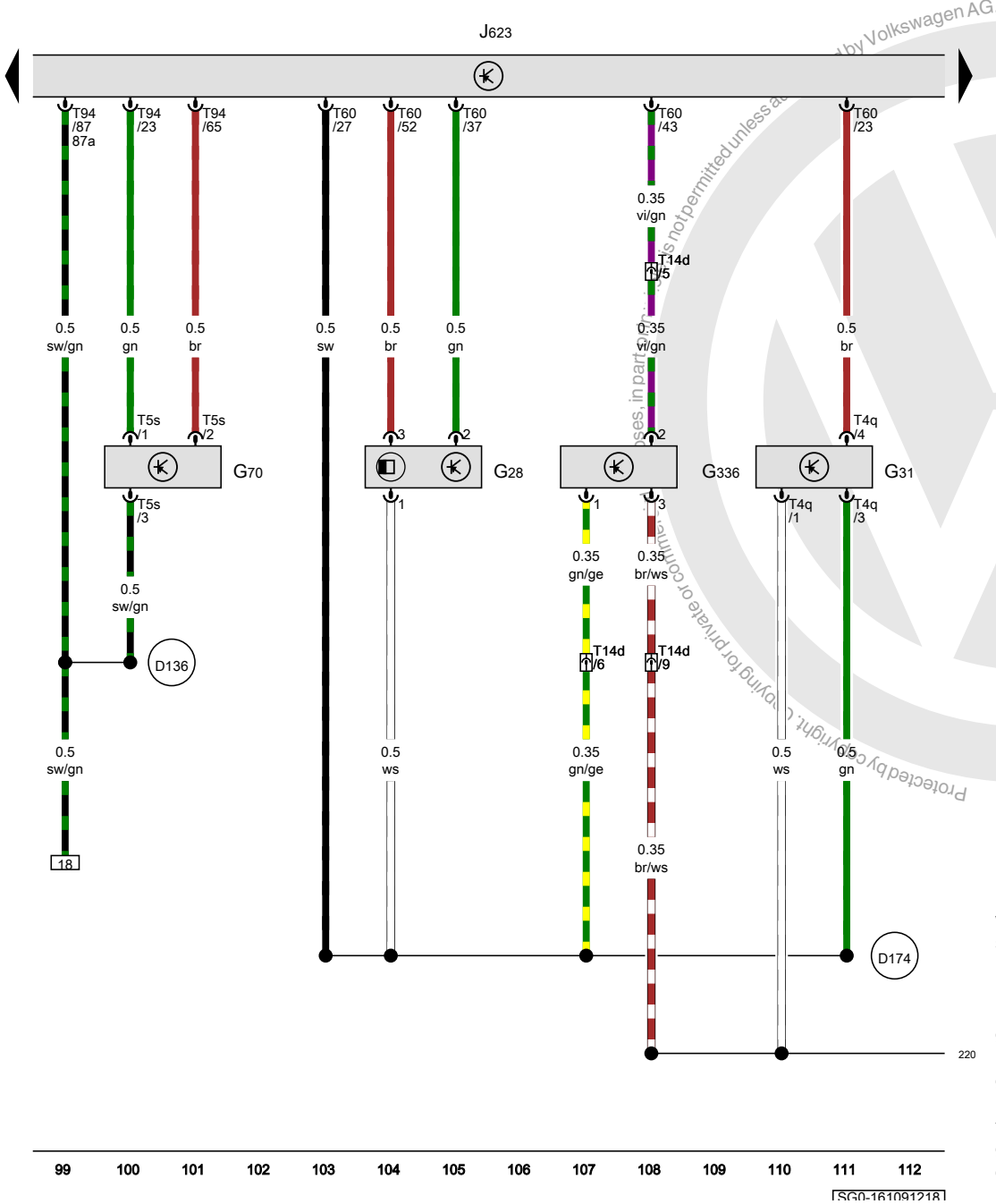

Engine speed sender, Charge pressure sender, Air mass meter, Intake manifold flap potentiometer, Engine/motor control unit

G28	Engine speed sender
G31	Charge pressure sender
G70	Air mass meter
G336	Intake manifold flap potentiometer
J623	Engine/motor control unit, in E-box
T4q	4-pin connector, brown
T5s	5-pin connector, black
T14d	14-pin connector, black, on front of engine
T60	60-pin connector, black
T94	94-pin connector, black
220	Earth connection (sender earth), in engine wiring harness
D136	Positive connection 2 (15a), in engine compartment wiring harness
D174	Connection 2 (5V), in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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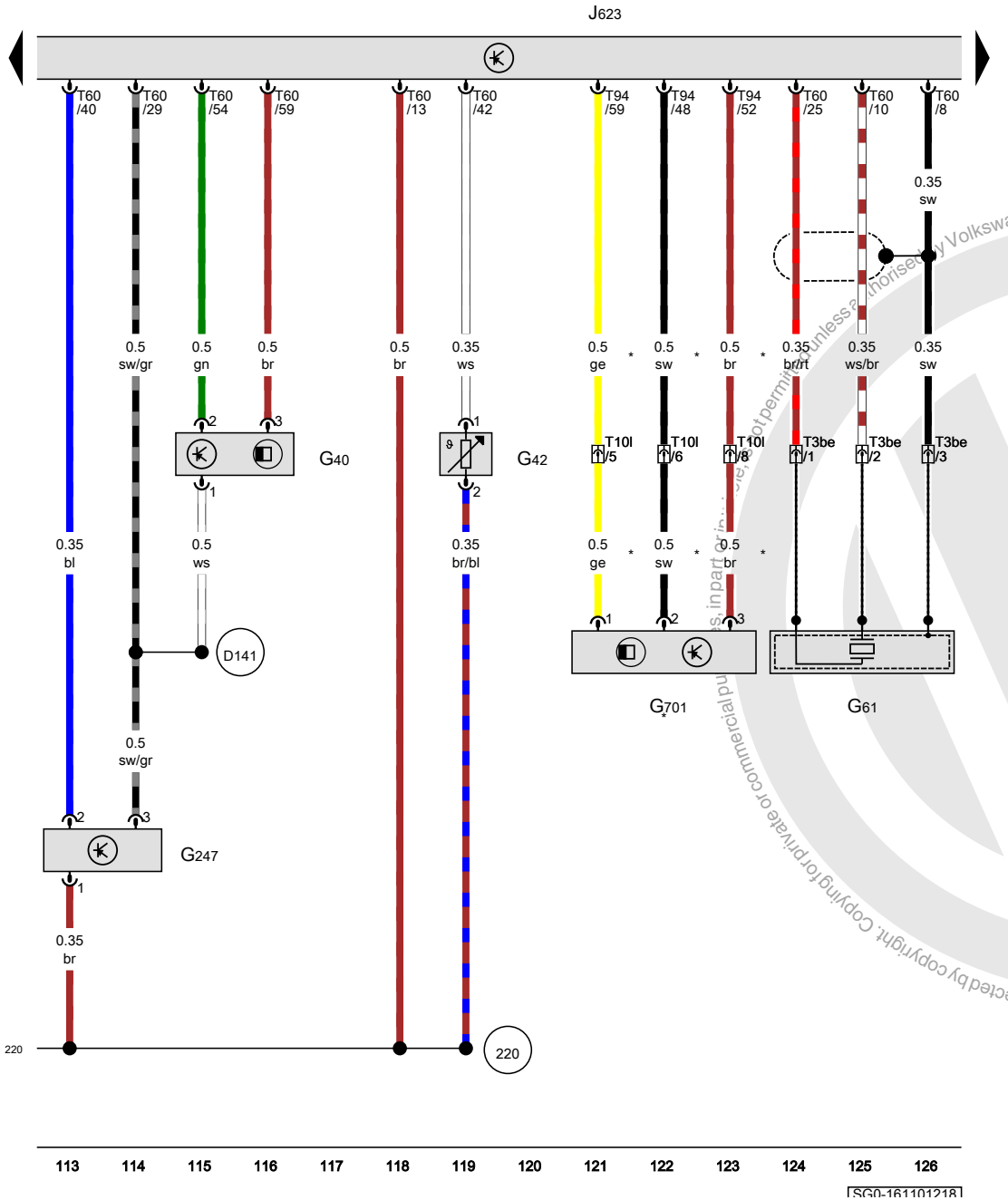

Hall sender, Intake air temperature sender, Knock sensor 1, Fuel pressure sender, Gearbox neutral position sender, Engine/motor control unit

G40	Hall sender
G42	Intake air temperature sender
G61	Knock sensor 1
G247	Fuel pressure sender
G701	Gearbox neutral position sender
J623	Engine/motor control unit, in E-box
T3be	3-pin connector, green, on front of engine
T10l	10-pin connector, light green, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black
220	Earth connection (sender earth), in engine wiring harness
D141	Connection (5V) in engine prewiring harness
*	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
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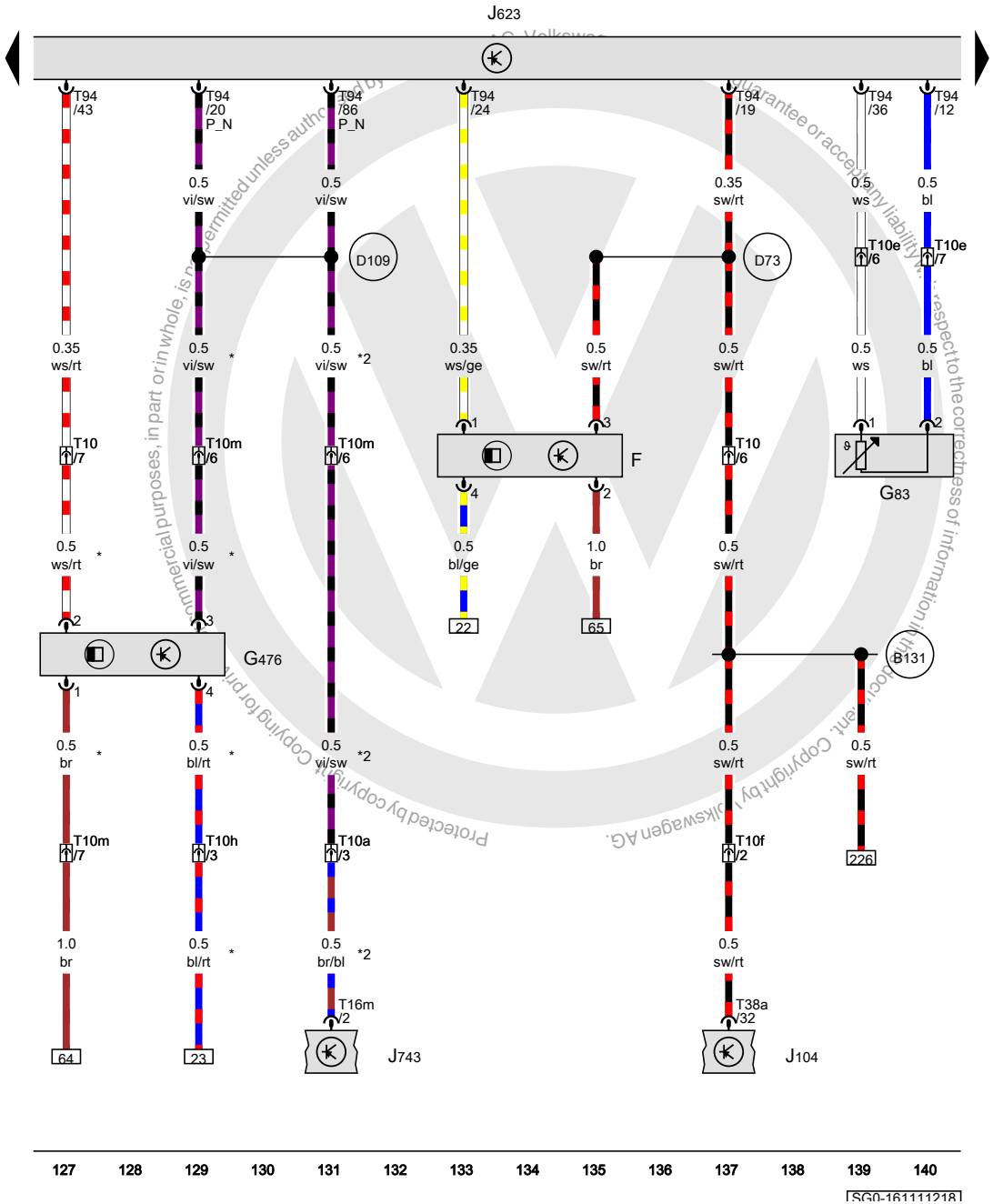

Brake light switch, Radiator outlet coolant temperature sender, Clutch position sender, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

F	Brake light switch, on brake master cylinder
G83	Radiator outlet coolant temperature sender
G476	Clutch position sender
J104	ABS control unit
J623	Engine/motor control unit, in E-box
J743	Mechatronic unit for dual clutch gearbox
T10	10-pin connector, black, in E-box in engine compartment
T10a	10-pin connector, brown, in E-box in engine compartment
T10e	10-pin connector, white, in E-box in engine compartment
T10f	10-pin connector, green, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T16m	16-pin connector, black
T38a	38-pin connector, black
T94	94-pin connector, black
B131	Connection (54), in interior wiring harness
D73	Positive connection (54), in engine compartment wiring harness
D109	Connection 7 in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with dual clutch gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
rs	=	pink

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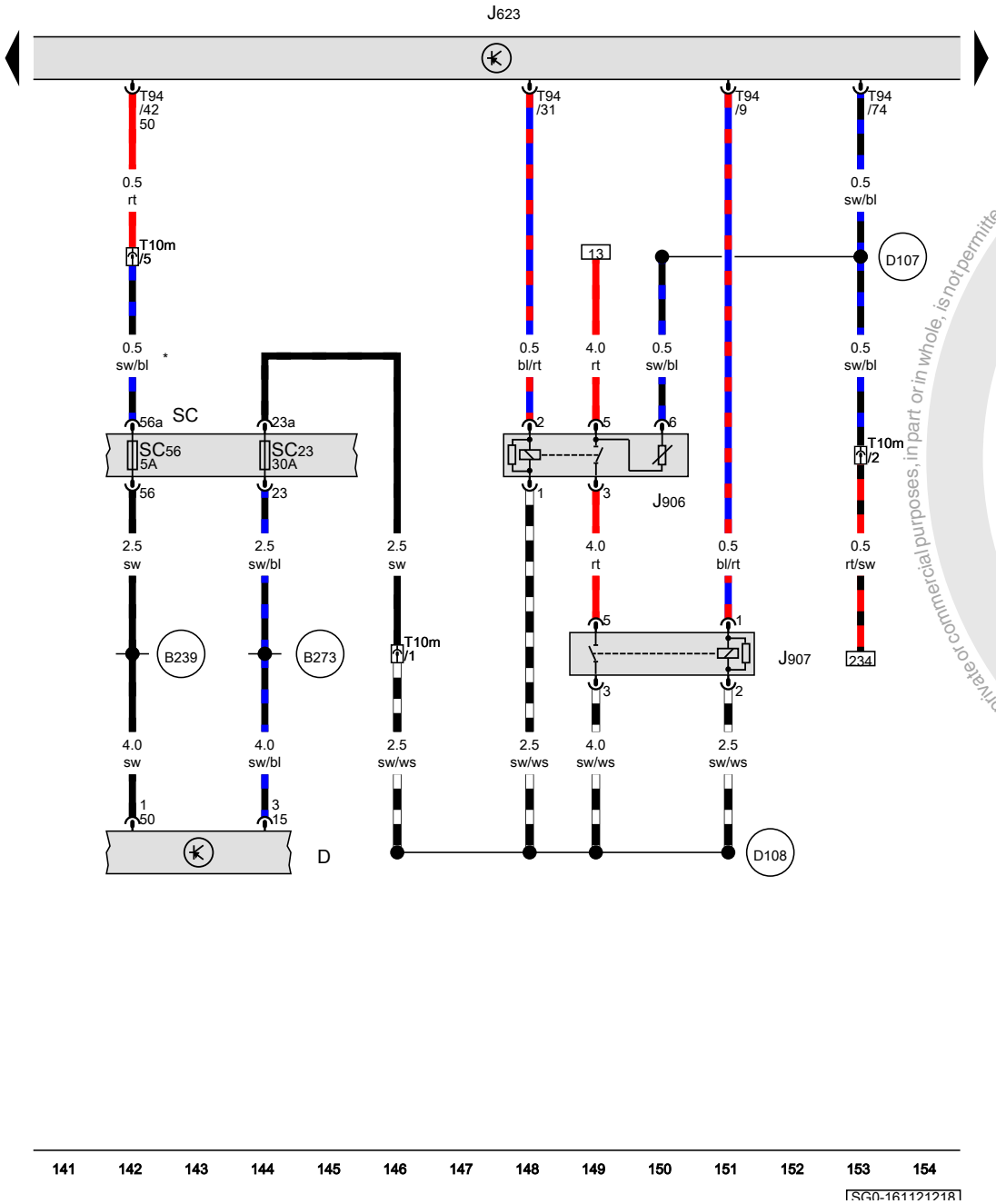

Engine/motor control unit, Starter relay 1, Starter relay 2, Fuse holder C, Fuse 23 on fuse holder C, Fuse 56 on fuse holder C

D	Ignition/starter switch
J623	Engine/motor control unit, in E-box
J906	Starter relay 1, in E-box
J907	Starter relay 2, in E-box
SC	Fuse holder C, in centre of dash panel
SC23	Fuse 23 on fuse holder C
SC56	Fuse 56 on fuse holder C
T10m	10-pin connector, light pink, in E-box in engine compartment
T94	94-pin connector, black
B239	Positive connection 1 (50), in interior wiring harness
B273	Positive connection (15), in main wiring harness
D107	Connection 5 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
*	For models with no electric interface

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
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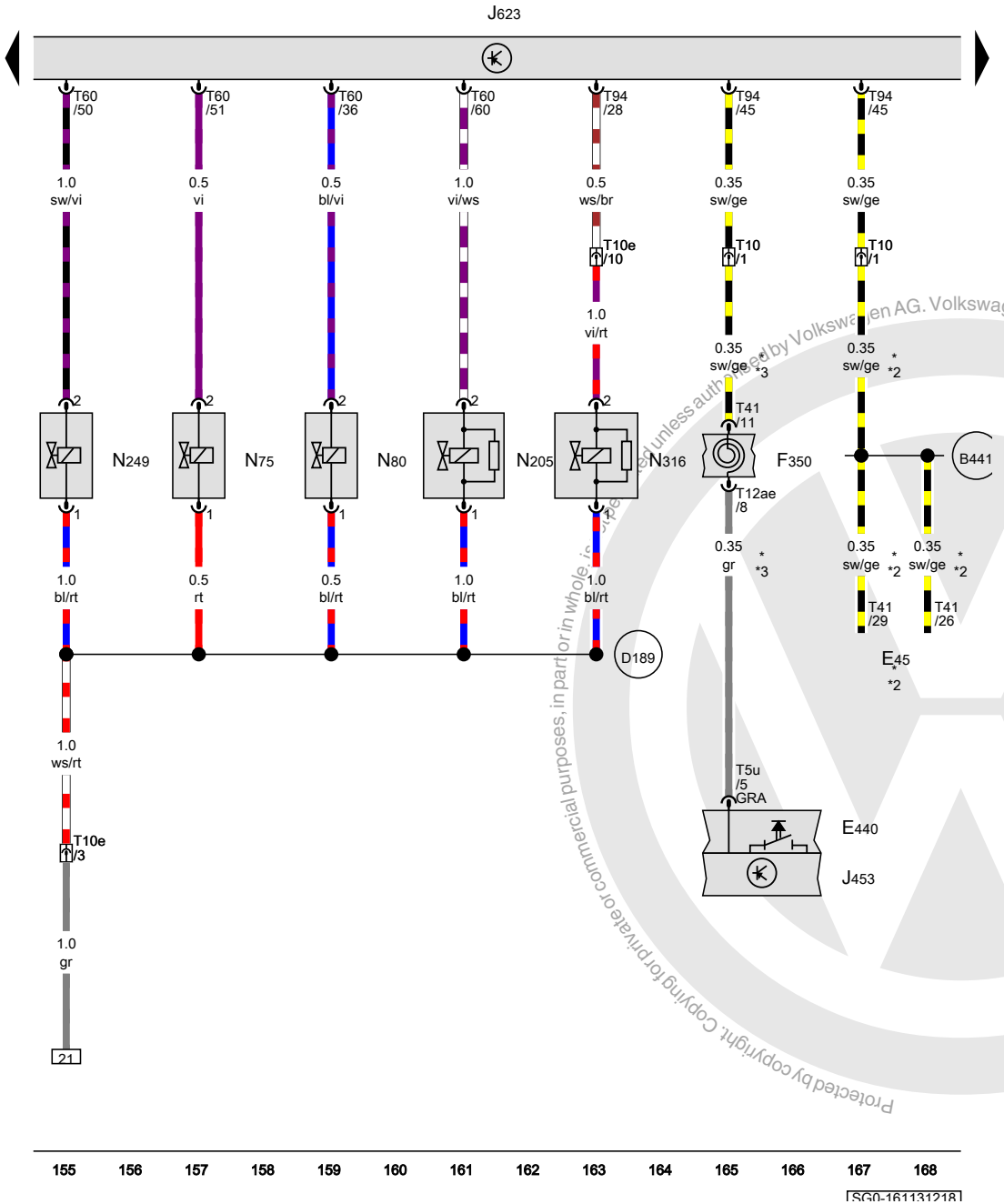

Cruise control system switch, Multifunction buttons on left in steering wheel, Coil connector, Multifunction steering wheel control unit, Engine/motor control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve, Intake manifold flap valve

E45	Cruise control system switch
E440	Multifunction buttons on left in steering wheel
F350	Coil connector, in steering wheel
J453	Multifunction steering wheel control unit
J623	Engine/motor control unit, in E-box
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
T5u	5-pin connector, black
T10	10-pin connector, black, in E-box in engine compartment
T10e	10-pin connector, white, in E-box in engine compartment
T12ae	12-pin connector, yellow
T41	41-pin connector, grey
T60	60-pin connector, black
T94	94-pin connector, black
B441	Connection (CCS), in main wiring harness
D189	Connection (87a) in engine prewiring harness
*	For models with cruise control system
*2	For models with no multifunction steering wheel
*3	For models with multifunction steering wheel

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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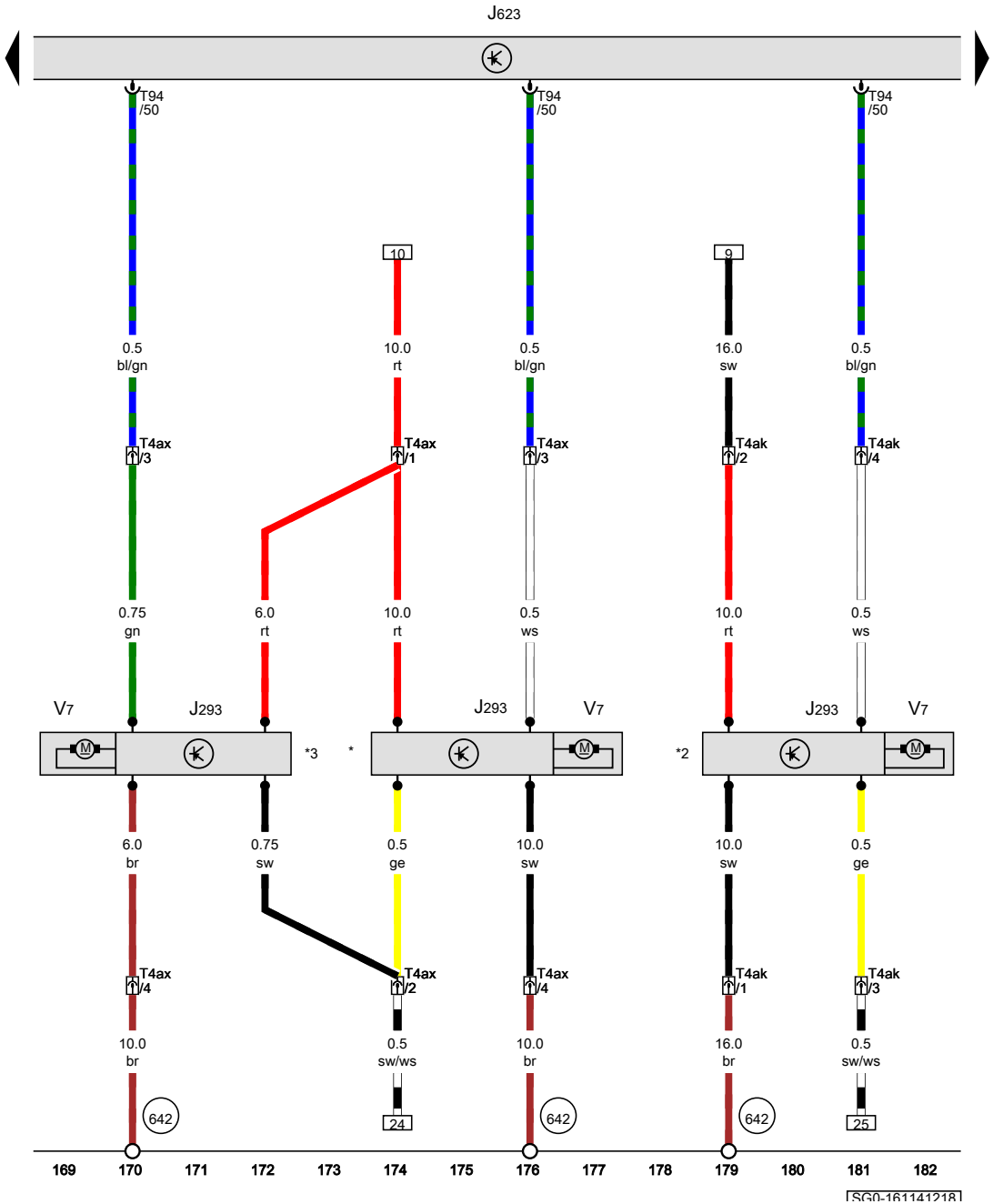

Radiator fan control unit, Engine/motor control unit

J293	Radiator fan control unit
J623	Engine/motor control unit, in E-box
T4ak	4-pin connector, black, near radiator fan
T4ax	4-pin connector, black, near radiator fan
T94	94-pin connector, black
V7	Radiator fan
642	Earth point for electronically controlled fan
*	For models with medium fan output
*2	For models with increased fan output
*3	For models with low fan output

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
rs	=	pink

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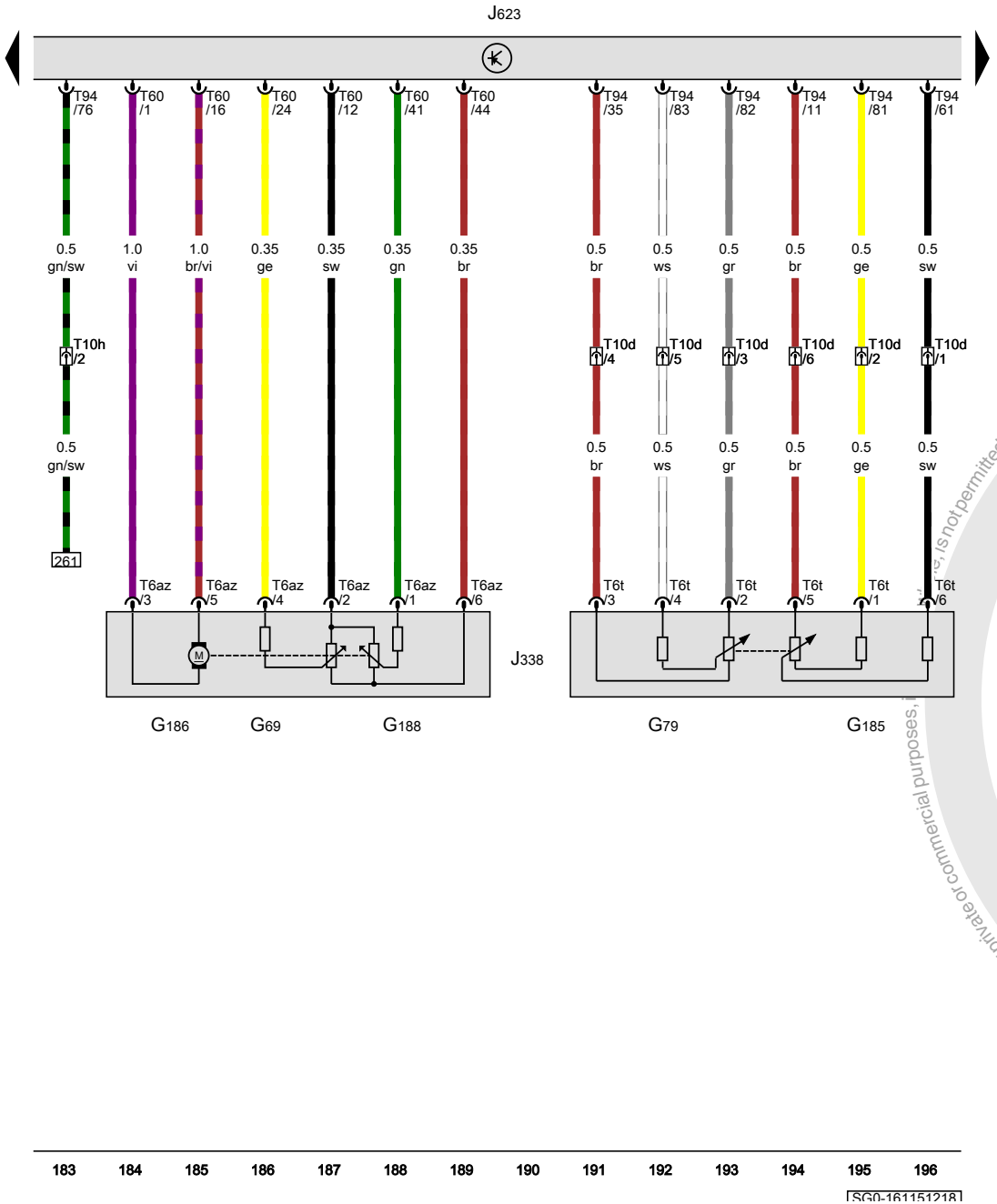

Accelerator position sender, Accelerator position sender 2, Throttle valve drive for electric throttle, Throttle valve module, Engine/motor control unit

G69	Throttle valve potentiometer
G79	Accelerator position sender
G185	Accelerator position sender 2
G186	Throttle valve drive for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J338	Throttle valve module
J623	Engine/motor control unit, in E-box
T6az	6-pin connector, black
T6t	6-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T60	60-pin connector, black
T94	94-pin connector, black

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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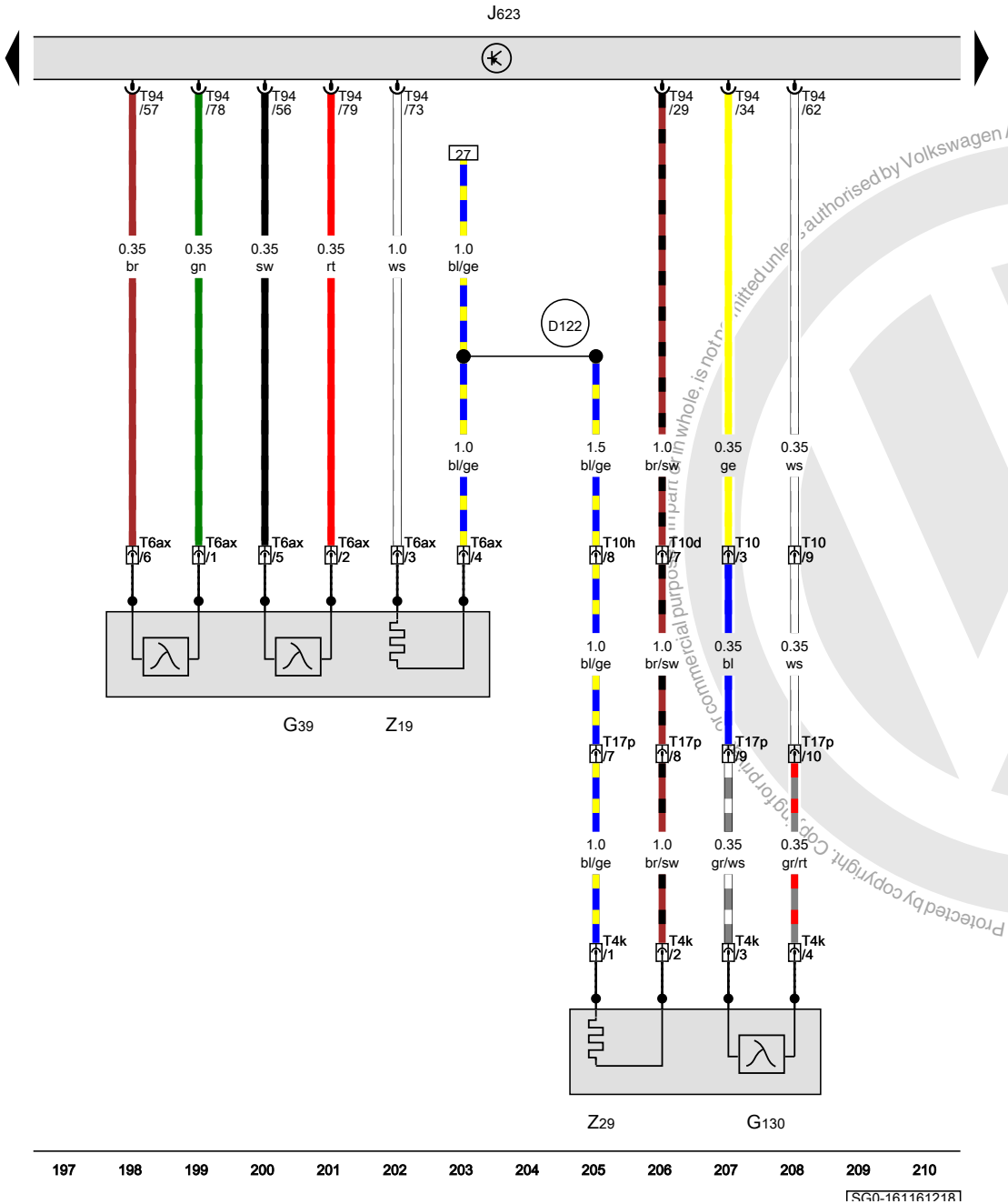

Lambda probe, Lambda probe after catalytic converter, Engine/motor control unit, Lambda probe heater, Lambda probe 1 heater after catalytic converter

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine/motor control unit, in E-box
T4k	4-pin connector, black, on underbody, next to auxiliary heater
T6ax	6-pin connector, black, on right in engine compartment
T10	10-pin connector, black, in E-box in engine compartment
T10d	10-pin connector, blue, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T17p	17-pin connector, red, under seat on front left
T94	94-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D122	Connection 20 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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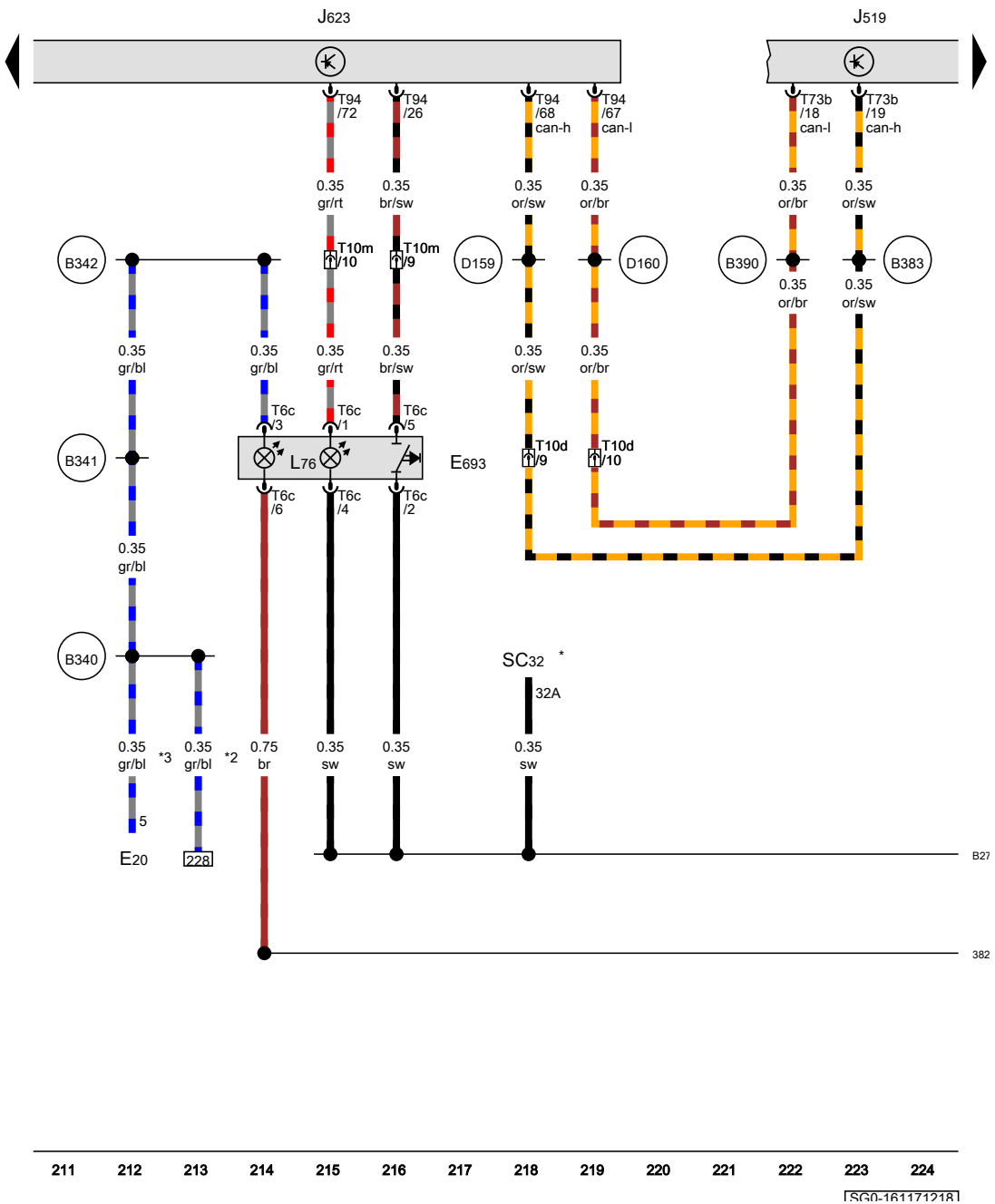

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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Start/Stop operation button, Onboard supply control unit, Engine/motor control unit

E20	Switch and instrument illumination regulator
E693	Start/Stop operation button
J519	Onboard supply control unit
J623	Engine/motor control unit, in E-box
L76	Button illumination bulb
SC32	Fuse 32 on fuse holder C
T6c	6-pin connector, white
T10d	10-pin connector, blue, in E-box in engine compartment
T10m	10-pin connector, light pink, in E-box in engine compartment
T73b	73-pin connector, white
T94	94-pin connector, black
382	Earth connection 17, in main wiring harness
B277	Positive connection 1 (15a) in main wiring harness
B340	Connection 1 (58d), in main wiring harness
B341	Connection 2 (58d), in main wiring harness
B342	Connection 3 (58d), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with no dimmable instrument illumination
*3	For models with dimmable instrument illumination

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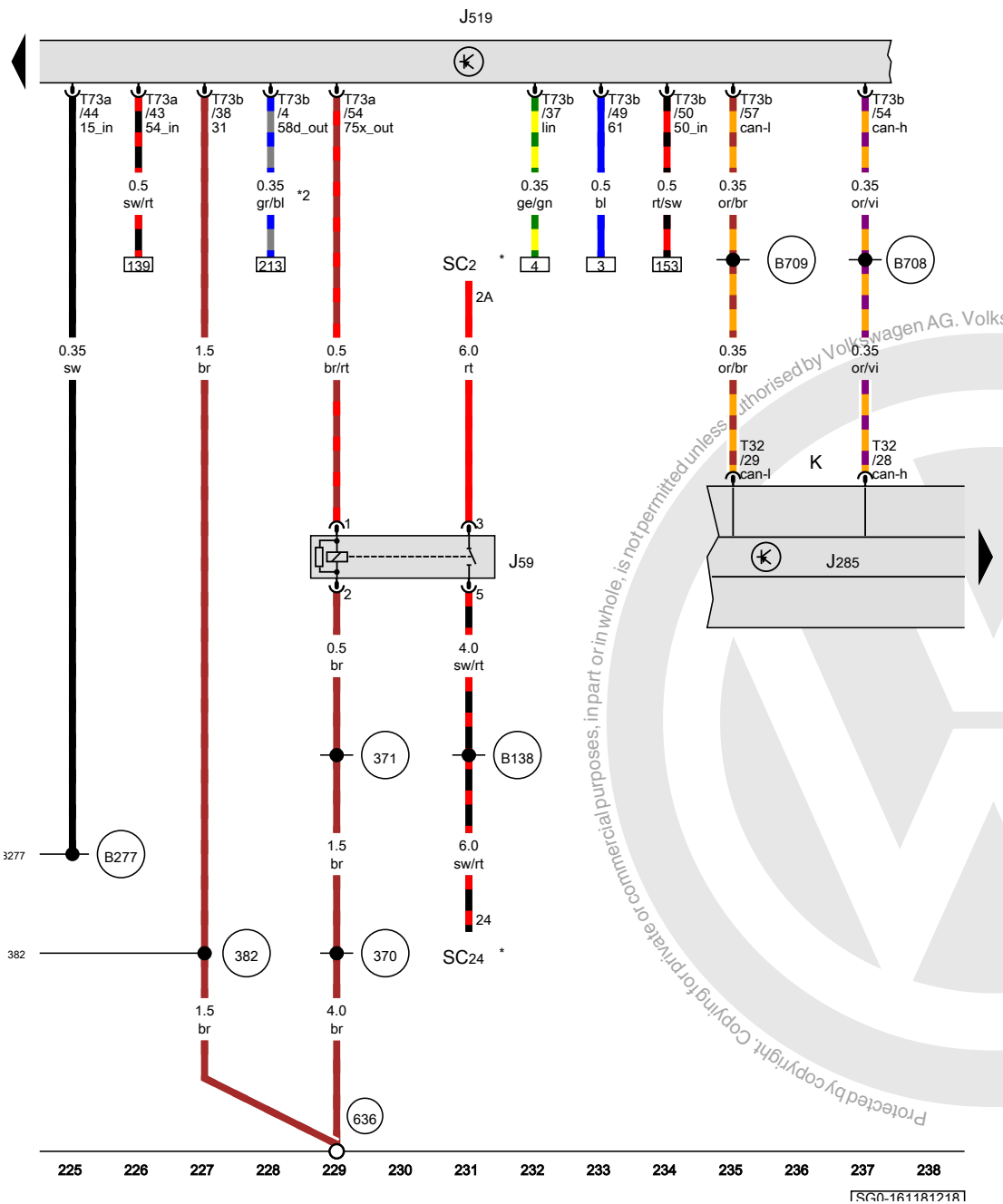

X-contact relief relay, Onboard supply control unit, Dash panel insert

J59	X-contact relief relay
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
SC2	Fuse 2 on fuse holder C
SC24	Fuse 24 on fuse holder C
T32	32-pin connector, blue
T73a	73-pin connector, black
T73b	73-pin connector, white
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
382	Earth connection 17, in main wiring harness
636	Earth point, onboard supply control unit
B138	Positive connection (X), in interior wiring harness
B277	Positive connection 1 (15a) in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with no dimmable instrument illumination

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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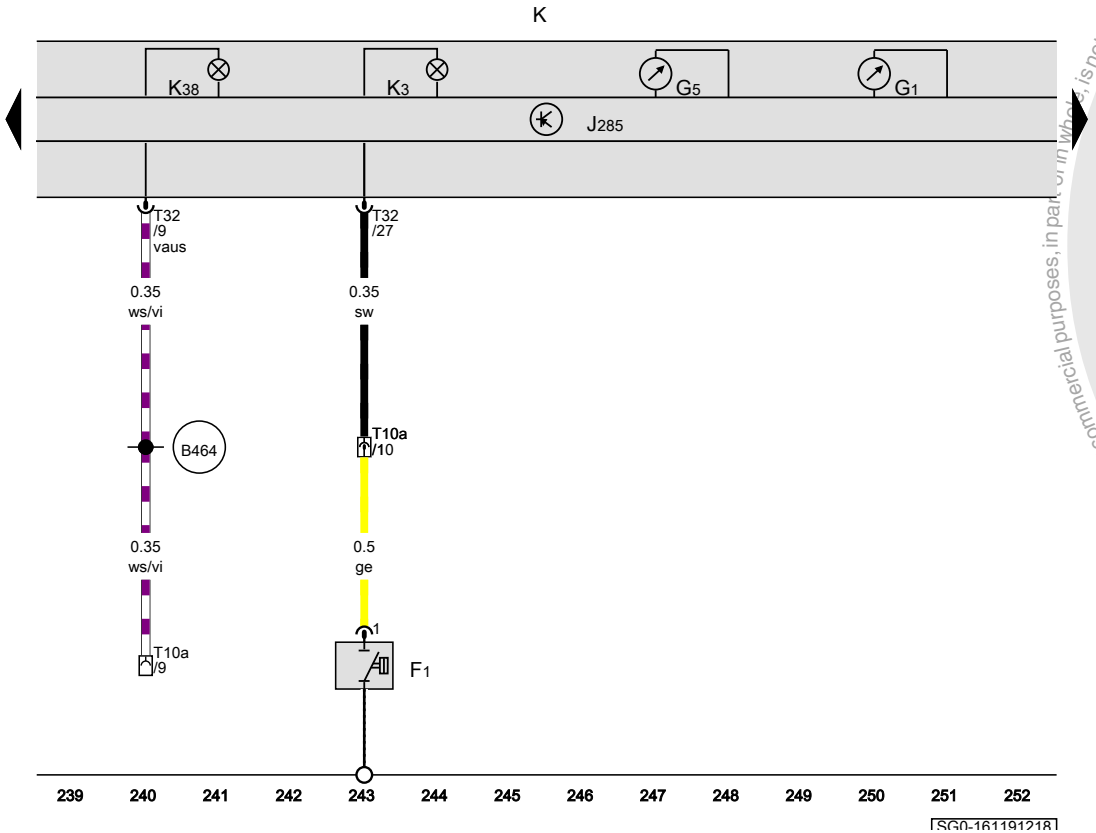
Oil pressure switch, Fuel gauge, Rev. counter, Dash panel insert, Oil pressure warning lamp, Oil level warning lamp

F1	Oil pressure switch
G1	Fuel gauge
G5	Rev. counter
J285	Control unit in dash panel insert
K	Dash panel insert
K3	Oil pressure warning lamp
K38	Oil level warning lamp
T10a	10-pin connector, brown, in E-box in engine compartment
T32	32-pin connector, blue
B464	Connection (speed signal), in main wiring harness



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rt	=	red
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gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
rs	=	pink

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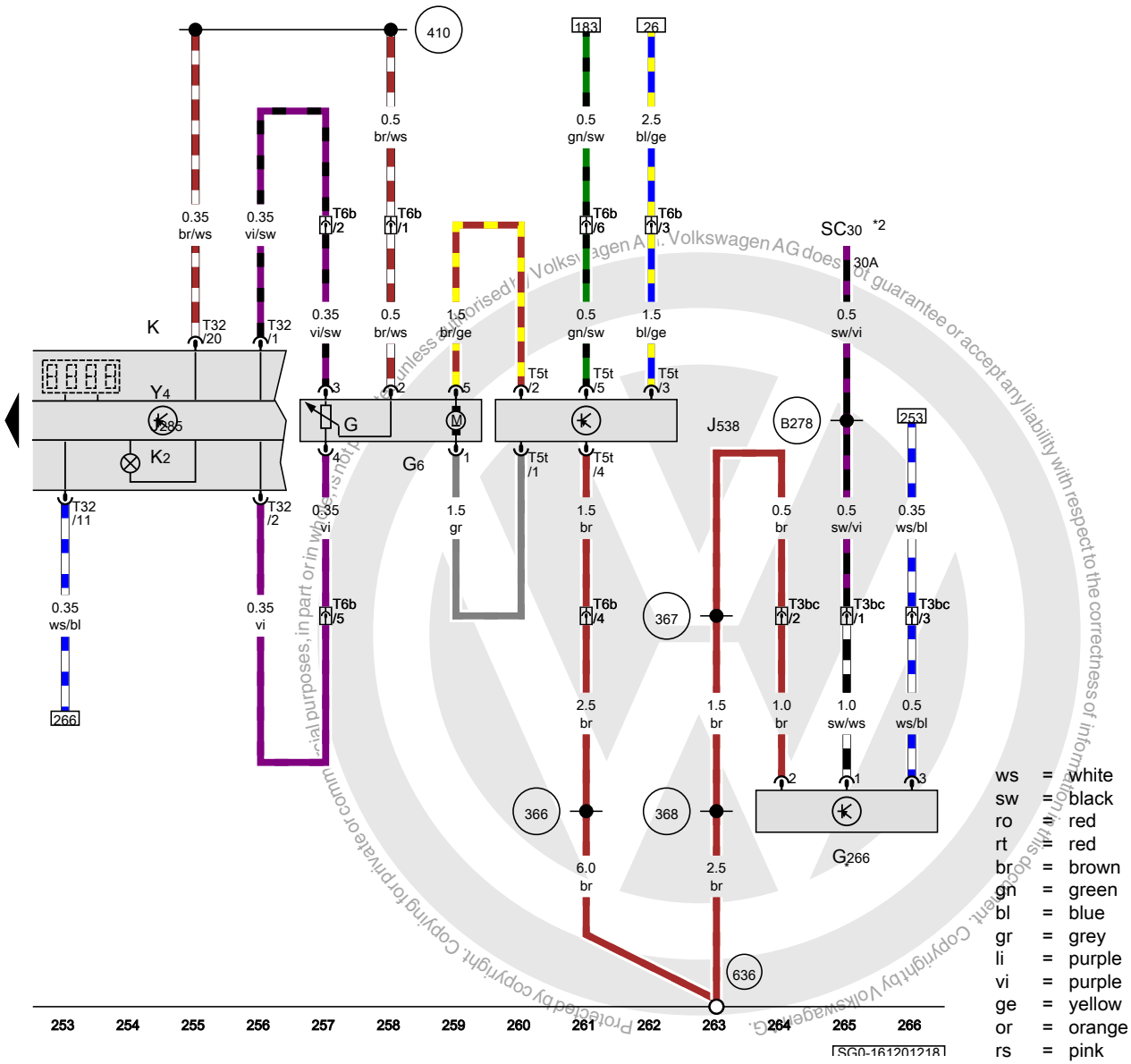
Fuel gauge sender, Fuel system pressurisation pump, Oil level and oil temperature sender, Fuel pump control unit, Dash panel insert, Alternator warning lamp, Trip counter



G	Fuel gauge sender
G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
J538	Fuel pump control unit
K	Dash panel insert
K2	Alternator warning lamp
SC30	Fuse 30 on fuse holder C
T3bc	3-pin connector, black, on underbody, near cross panel
T5t	5-pin connector, black
T6b	6-pin connector, black, on fuel tank
T32	32-pin connector, blue
Y4	Trip counter
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
410	Earth connection 1 (sender earth) in main wiring harness
636	Earth point, onboard supply control unit
B278	Positive connection 2 (15a) in main wiring harness
*	For models with extended service intervals (ESI)
*2	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Data bus network

From August 2018

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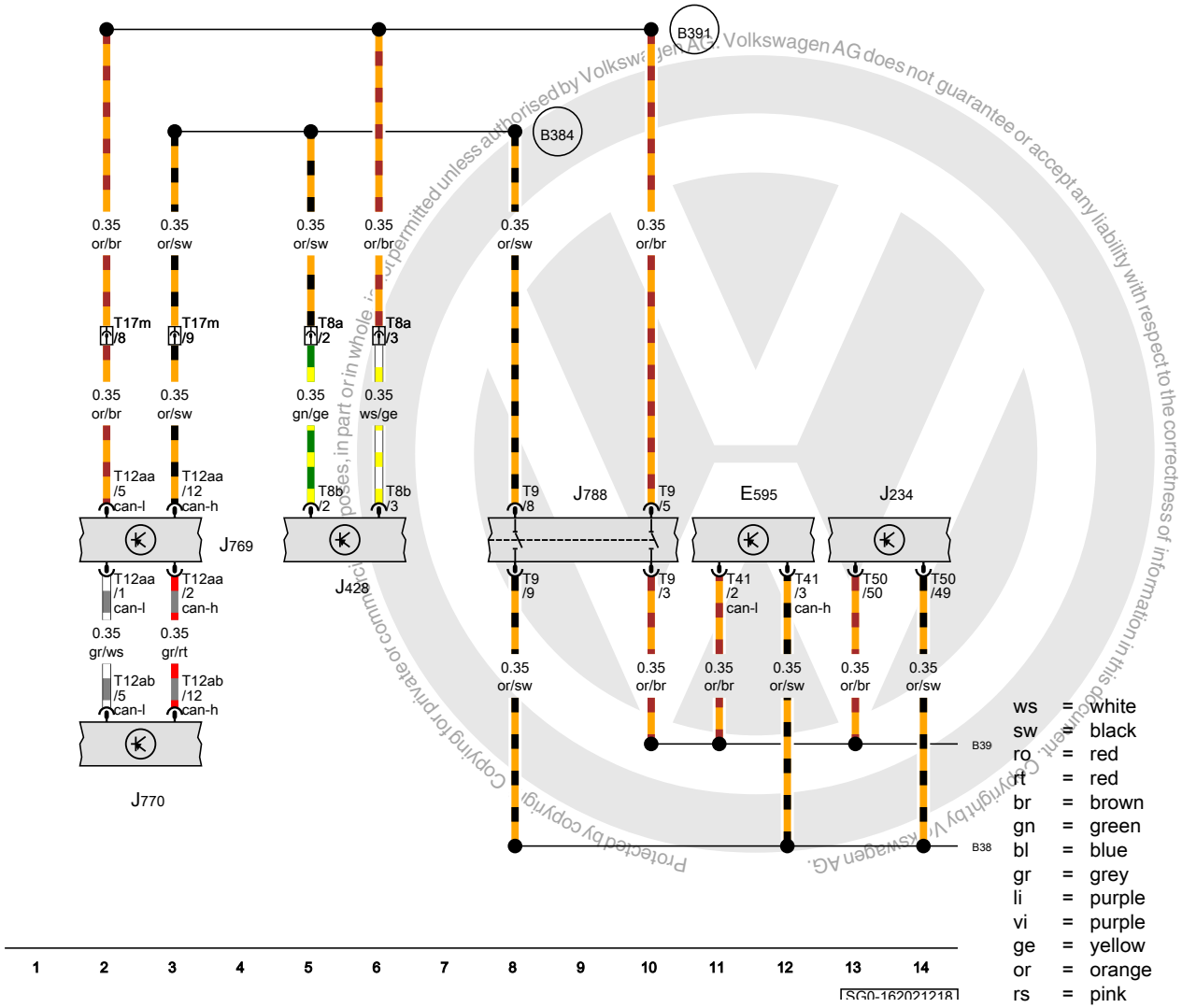
Steering column combination switch, Airbag control unit, Adaptive cruise control unit, Lane change assist control unit, Lane change assist control unit 2, Isolation relay for powertrain CAN bus

E595	Steering column combination switch
J234	Airbag control unit
J428	Adaptive cruise control unit
J769	Lane change assist control unit
J770	Lane change assist control unit 2
J788	Isolation relay for powertrain CAN bus
T8a	8-pin connector, black, near horn, dual tone horn
T8b	8-pin connector, black
T9	9-pin connector, black
T12aa	12-pin connector, black
T12ab	12-pin connector, black
T17m	17-pin connector, red, on left A-pillar
T41	41-pin connector, grey
T50	50-pin connector, yellow
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B384	Connection 2 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B391	Connection 2 (powertrain CAN bus, low), in main wiring harness



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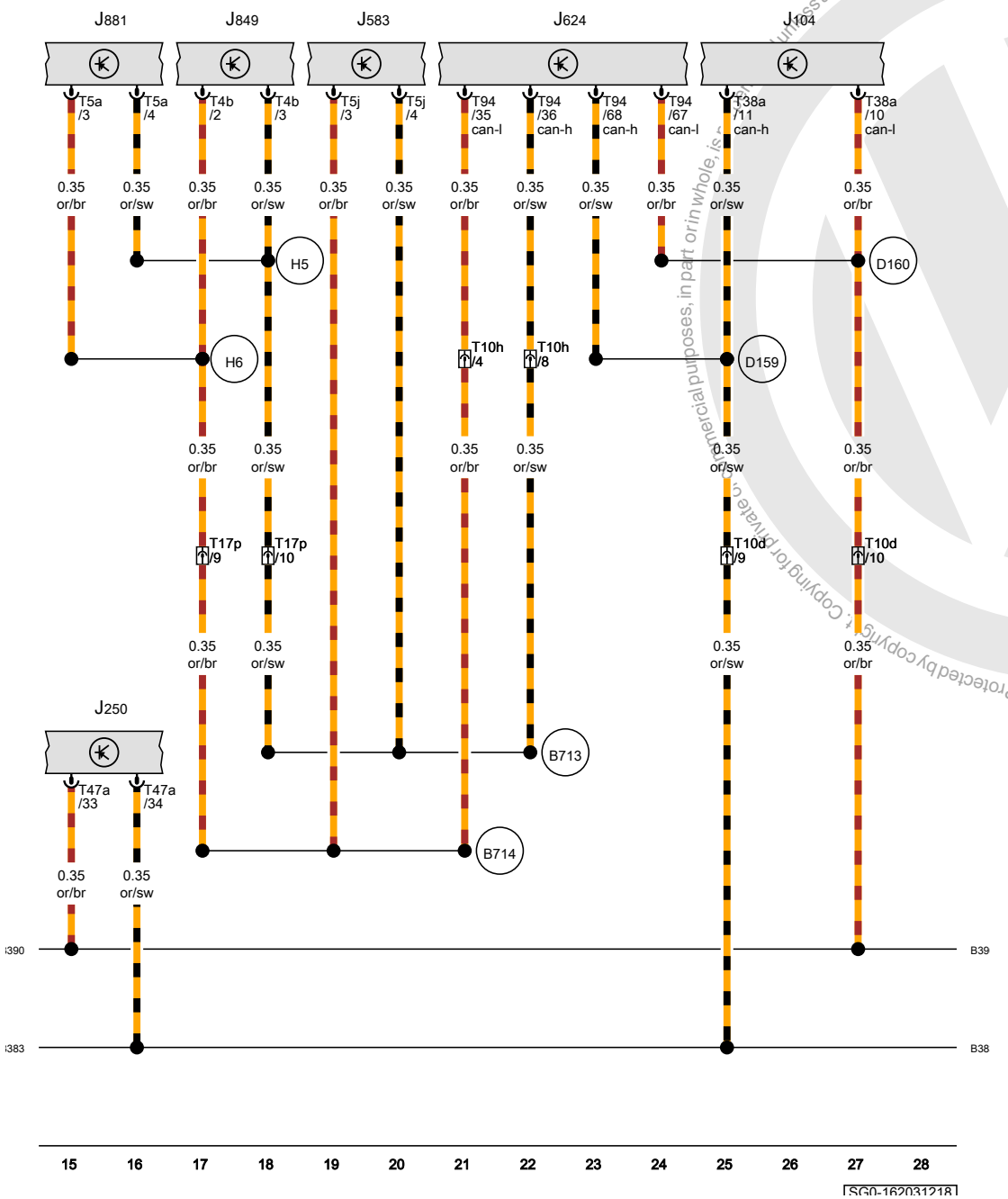

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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

ABS control unit, Electronically controlled damping control unit, Control unit for NOx sender, Engine/motor control unit 2, Control unit for sensor electronics, Control unit for NOx sender 2

J104	ABS control unit
J250	Electronically controlled damping control unit
J583	Control unit for NOx sender
J624	Engine/motor control unit 2, in E-box in engine compartment
J849	Control unit for sensor electronics
J881	Control unit for NOx sender 2
T4b	4-pin connector, black
T5a	5-pin connector, black
T5j	5-pin connector, black
T10d	10-pin connector, blue, in E-box in engine compartment
T10h	10-pin connector, orange, in E-box in engine compartment
T17p	17-pin connector, red, under seat on front left
T38a	38-pin connector, black
T47a	47-pin connector, black
T94	94-pin connector, black
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B713	Connection 1 (CAN bus diagnosis, high), in main wiring harness
B714	Connection 1 (CAN bus diagnosis, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
H5	Connection 3 in wiring harness for reducing agent tank
H6	Connection 4 in wiring harness for reducing agent tank

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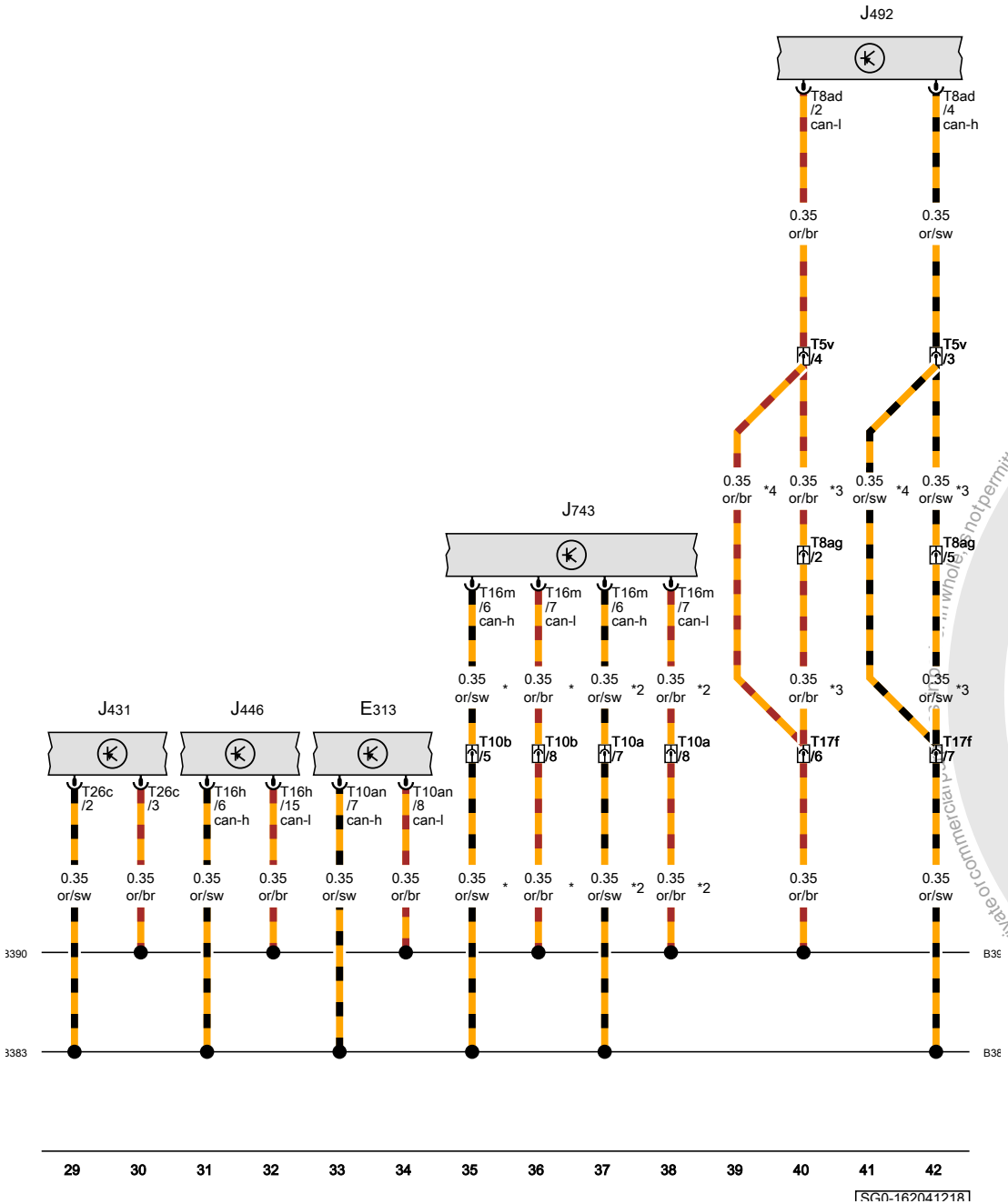
Selector lever, Headlight range control unit, Parking aid control unit, All-wheel drive control unit, Mechatronic unit for dual clutch gearbox



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

E313	Selector lever
J431	Headlight range control unit
J446	Parking aid control unit
J492	All-wheel drive control unit
J743	Mechatronic unit for dual clutch gearbox
T5v	5-pin connector, black
T8ad	8-pin connector, black
T8ag	8-pin connector, black, behind lower section of left D-pillar trim
T10a	10-pin connector, brown, in E-box in engine compartment
T10an	10-pin connector, black
T10b	10-pin connector, red, in E-box in engine compartment
T16h	16-pin connector, brown
T16m	16-pin connector, black, on electronic gearbox control unit
T17f	17-pin connector, brown, under seat on front left
T26c	26-pin connector, black
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	For models with diesel engine
*2	For models with petrol engine
*3	For Multivan, panel van and Kombi models
*4	For models with double cab/dropside

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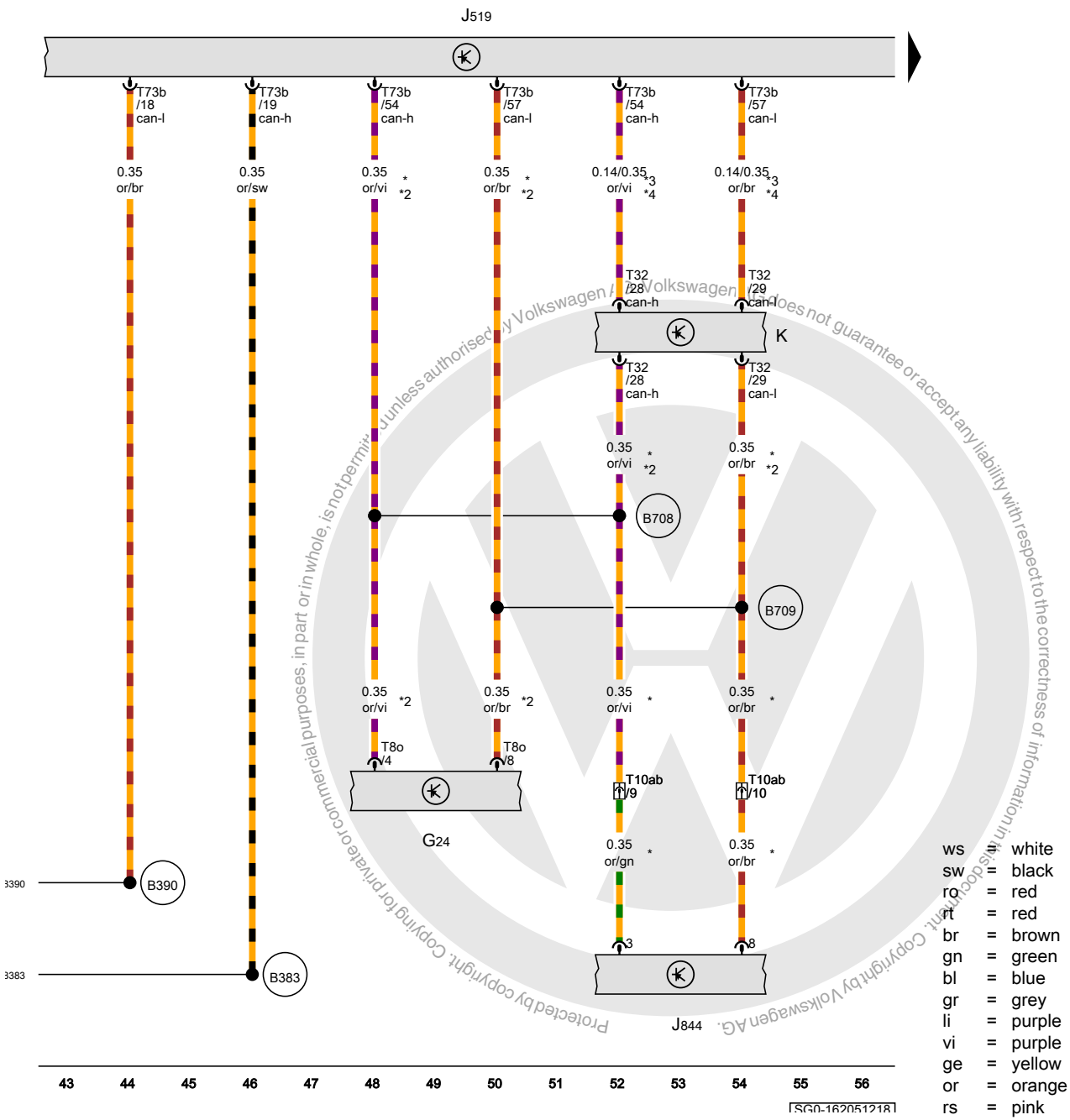

Tachograph, Onboard supply control unit, Main beam assist control unit, Dash panel insert

G24	Tachograph
J519	Onboard supply control unit
J844	Main beam assist control unit
K	Dash panel insert
T8o	8-pin connector, white
T10ab	10-pin connector, white, in left A-pillar coupling station
T32	32-pin connector, blue
T73b	73-pin connector, white
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	For models with main beam assist
*2	For models with tachograph
*3	For models with no main beam assist
*4	For models with no tachograph

ws	=	white
sw	=	black
rq	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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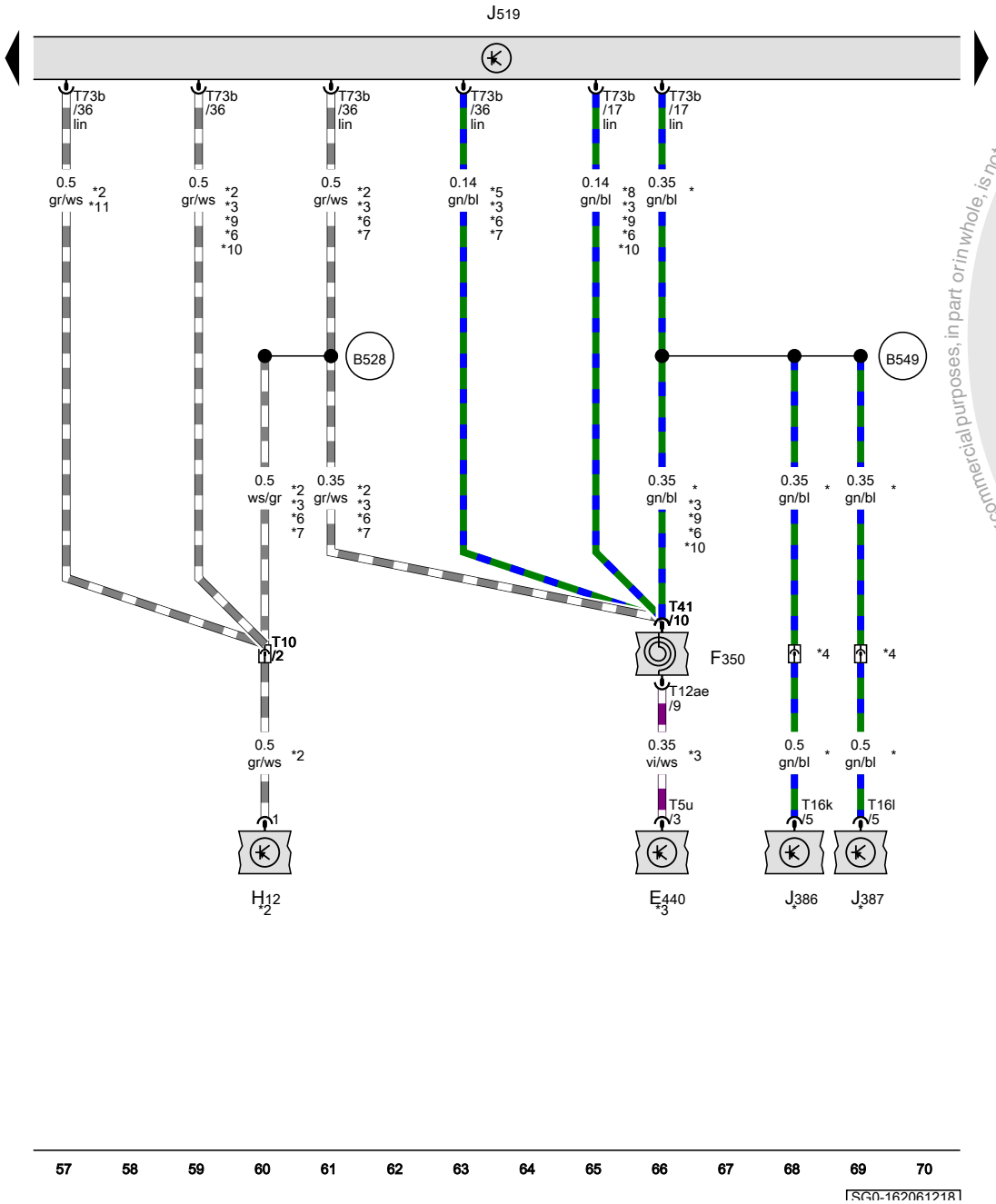

Multifunction buttons on left in steering wheel, Coil connector, Alarm horn, Driver door control unit, Front passenger door control unit, Onboard supply control unit

E440	Multifunction buttons on left in steering wheel
F350	Coil connector, in steering wheel
H12	Alarm horn
J386	Driver door control unit
J387	Front passenger door control unit
J519	Onboard supply control unit
T5u	5-pin connector, black
T10	10-pin connector, black, in E-box in engine compartment
T12ae	12-pin connector, yellow
T16k	16-pin connector, black
T16l	16-pin connector, black
T41	41-pin connector, grey
T73b	73-pin connector, white
B528	Connection 1 (LIN bus) in main wiring harness
B549	Connection 2 (LIN bus) in main wiring harness
*	For models with electric window regulators
*2	For models with anti-theft alarm system
*3	For models with multifunction steering wheel
*4	see applicable current flow diagram for convenience system
*5	For models with no anti-theft alarm system
*6	For models with cruise control system
*7	For models with Euro 6 emission standard
*8	For models with no electric window regulators
*9	For models with no cruise control system
*10	For models with Euro 5 emission standard
*11	For models with no multifunction steering wheel

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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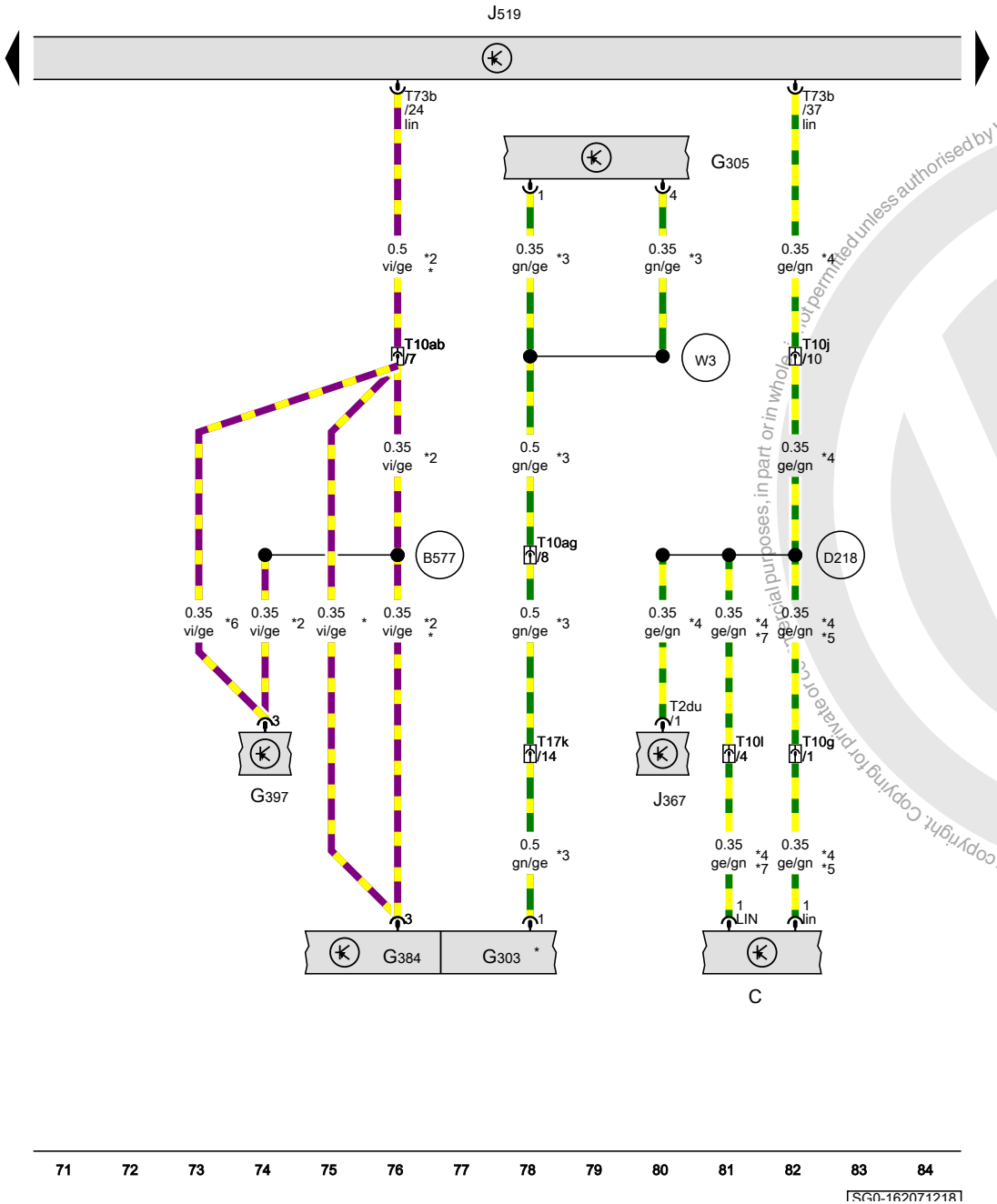

Alternator, Interior monitor send and receive module 1, Interior monitor send and receive module 2, Vehicle inclination sender, Rain and light sensor, Battery monitor control unit, Onboard supply control unit

C	Alternator
G303	Interior monitor send and receive module 1, near front interior light
G305	Interior monitor send and receive module 2, on rear roof module
G384	Vehicle inclination sender, near front interior light
G397	Rain and light sensor
J367	Battery monitor control unit
J519	Onboard supply control unit
T2du	2-pin connector, black
T10ab	10-pin connector, white, in left A-pillar coupling station
T10ag	10-pin connector, brown, in left A-pillar coupling station
T10g	10-pin connector, grey, in E-box in engine compartment
T10j	10-pin connector, dark brown, in E-box in engine compartment
T10l	10-pin connector, light green, in E-box in engine compartment
T17k	17-pin connector, green, in left A-pillar coupling station
T73b	73-pin connector, white
B577	LIN bus connection, in roof wiring harness
D218	Connection 1 (LIN bus) in engine compartment wiring harness
W3	Connection in rear wiring harness
*	For models with anti-theft alarm system
*2	For models with rain sensor
*3	For Multivan and Shuttle
*4	For models with start/stop system
*5	For models with diesel engine
*6	For models with no anti-theft alarm system
*7	For models with petrol engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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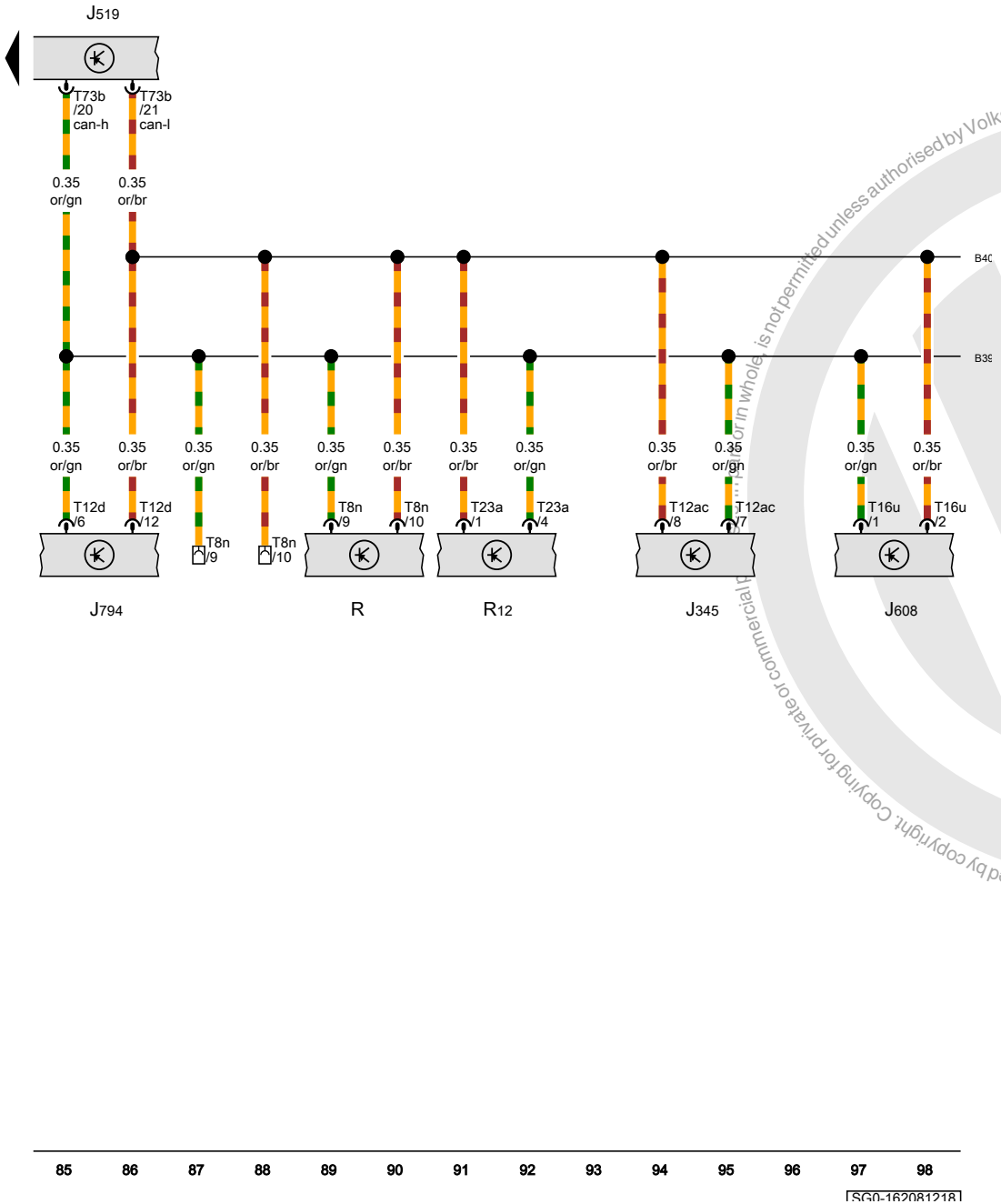
Trailer detector control unit, Onboard supply control unit, Special vehicle control unit, Control unit 1 for information electronics, Radio, Amplifier



J345	Trailer detector control unit
J519	Onboard supply control unit
J608	Special vehicle control unit
J794	Control unit 1 for information electronics
R	Radio
R12	Amplifier, under front passenger seat
T8n	8-pin connector, black, in slot for radio
T12ac	12-pin connector, red
T12d	12-pin connector, grey
T16u	16-pin connector, brown, under front passenger seat
T23a	23-pin connector, green
T73b	73-pin connector, white
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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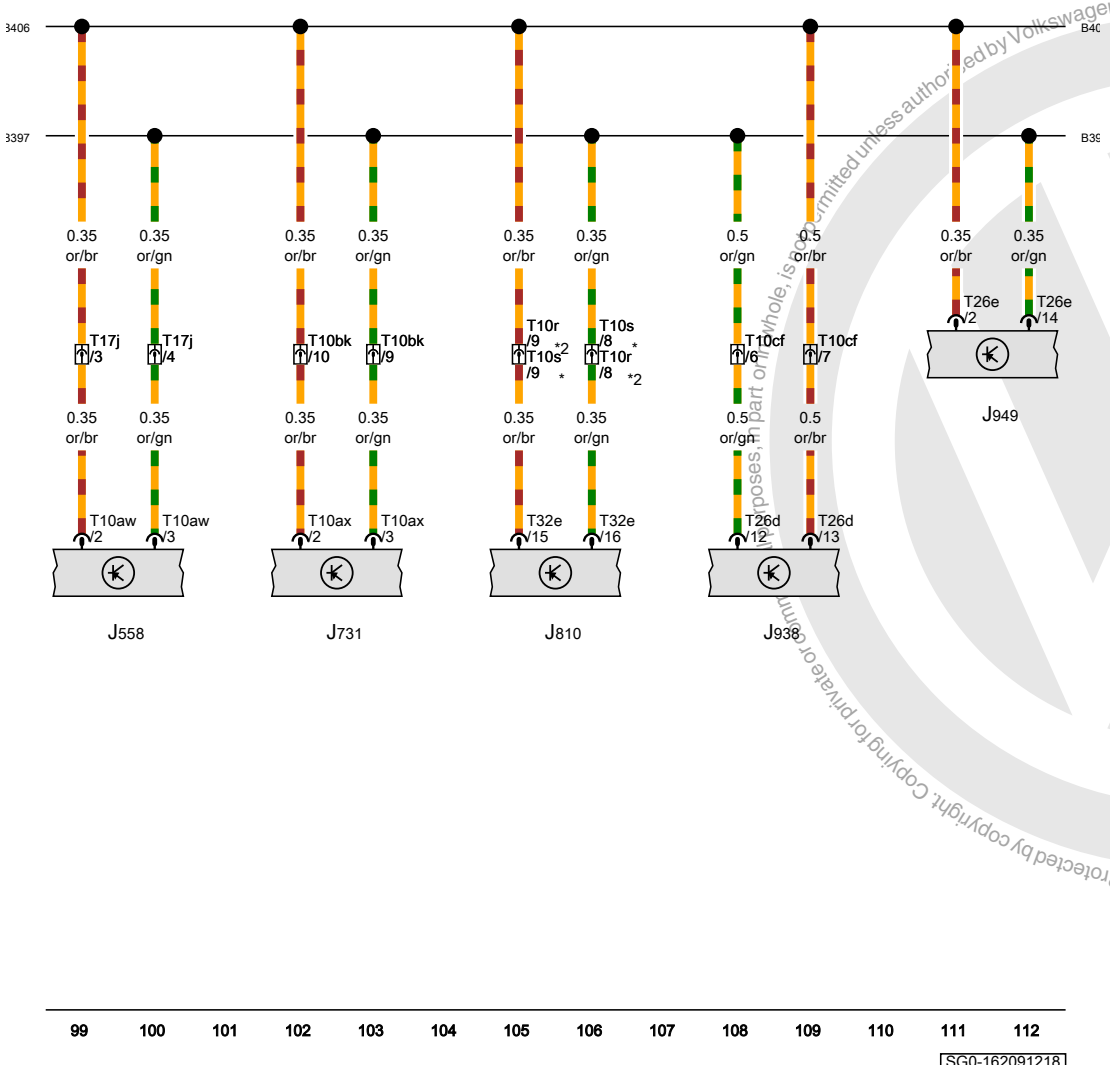
Left sliding door control unit, Right sliding door control unit, Driver seat adjustment control unit, Rear lid power opening control unit, Emergency call module control unit and communication unit

J558	Left sliding door control unit
J731	Right sliding door control unit
J810	Driver seat adjustment control unit
J938	Rear lid power opening control unit
J949	Emergency call module control unit and communication unit
T10aw	10-pin connector, black
T10ax	10-pin connector, black
T10bk	10-pin connector, grey, under seat on front right
T10cf	10-pin connector, green, under seat on front right
T10r	10-pin connector, black, under seat on front left
T10s	10-pin connector, black, under seat on front right
T17j	17-pin connector, white, under seat on front left
T26d	26-pin connector, black
T26e	26-pin connector, black
T32e	32-pin connector, grey
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	For right-hand drive models
*2	For left-hand drive models



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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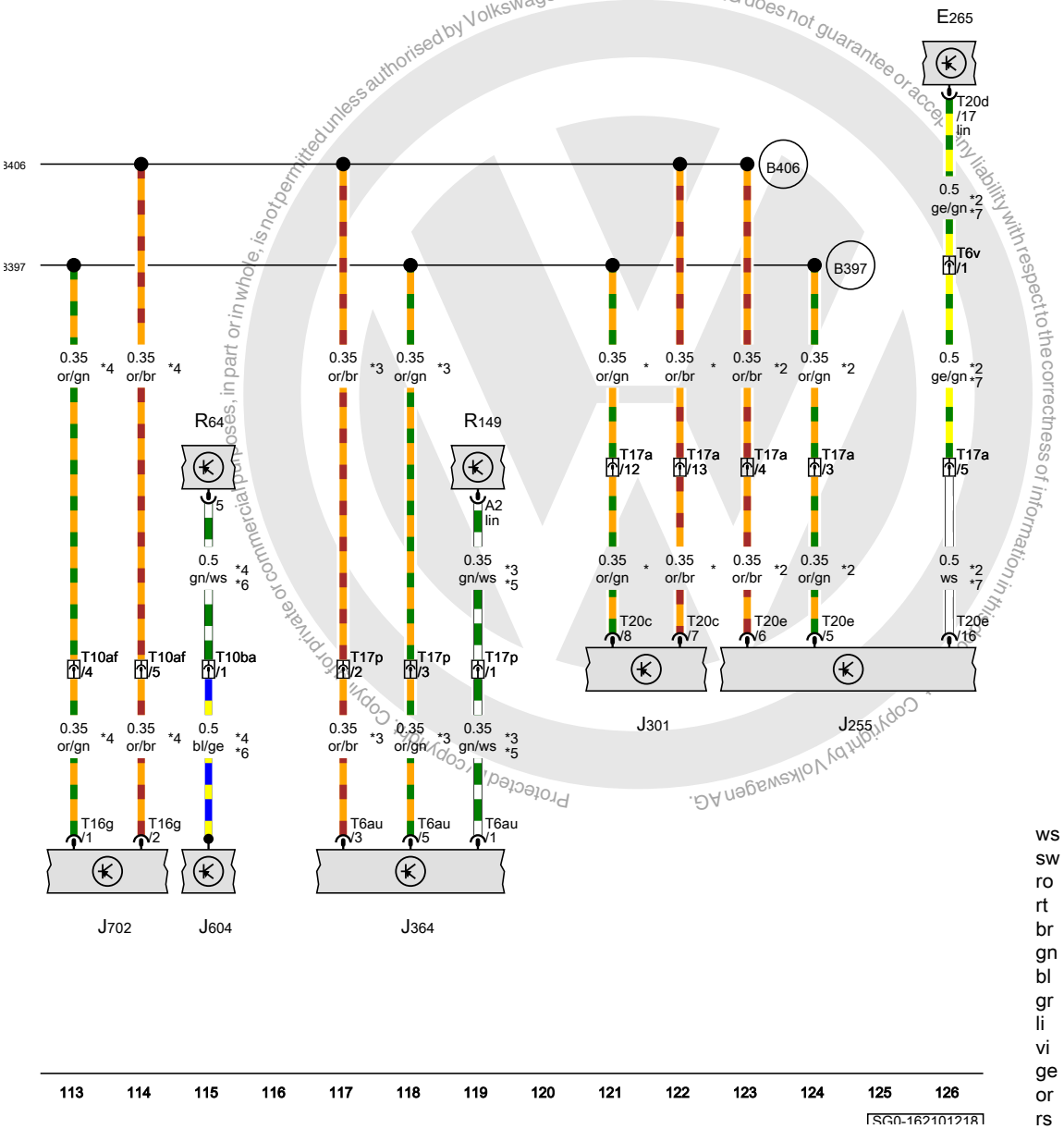
Operating and display unit for rear air conditioning system, Climatronic control unit, Air conditioning system control unit, Auxiliary heater control unit, Auxiliary air heater control unit, Roof display unit, Remote control receiver for auxiliary heater, Remote control receiver for auxiliary coolant heater



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E265	Operating and display unit for rear air conditioning system
J255	Climatronic control unit
J301	Air conditioning system control unit
J364	Auxiliary heater control unit
J604	Auxiliary air heater control unit
J702	Roof display unit
R64	Remote control receiver for auxiliary heater
R149	Remote control receiver for auxiliary coolant heater
T6au	6-pin connector, black
T6v	6-pin connector, white, under seat on front right
T10af	10-pin connector, blue, in left A-pillar coupling station
T10ba	10-pin connector, blue, under seat on front right
T16g	16-pin connector, black
T17a	17-pin connector, black, behind glove compartment
T17p	17-pin connector, red, under seat on front left
T20c	20-pin connector, black
T20d	20-pin connector, black
T20e	20-pin connector, black
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	For models with Climatic
*2	For models with Climatronic
*3	Only models with auxiliary coolant heater
*4	For models with auxiliary air heater
*5	For models with remote control receiver for auxiliary coolant heater
*6	For models with remote control receiver for auxiliary heater
*7	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

1 Earth points

1.1 Overview of earth points in engine compartment

12 - Earth point, on left in engine compartment
- ❑ Specified torque 9 Nm

13 - Earth point, on right in engine compartment
- ❑ Specified torque 9 Nm

15 - Earth point, on cylinder head
- ❑ Specified torque 9 Nm

607 - Earth point, on left in plenum chamber
- ❑ Specified torque 9 Nm

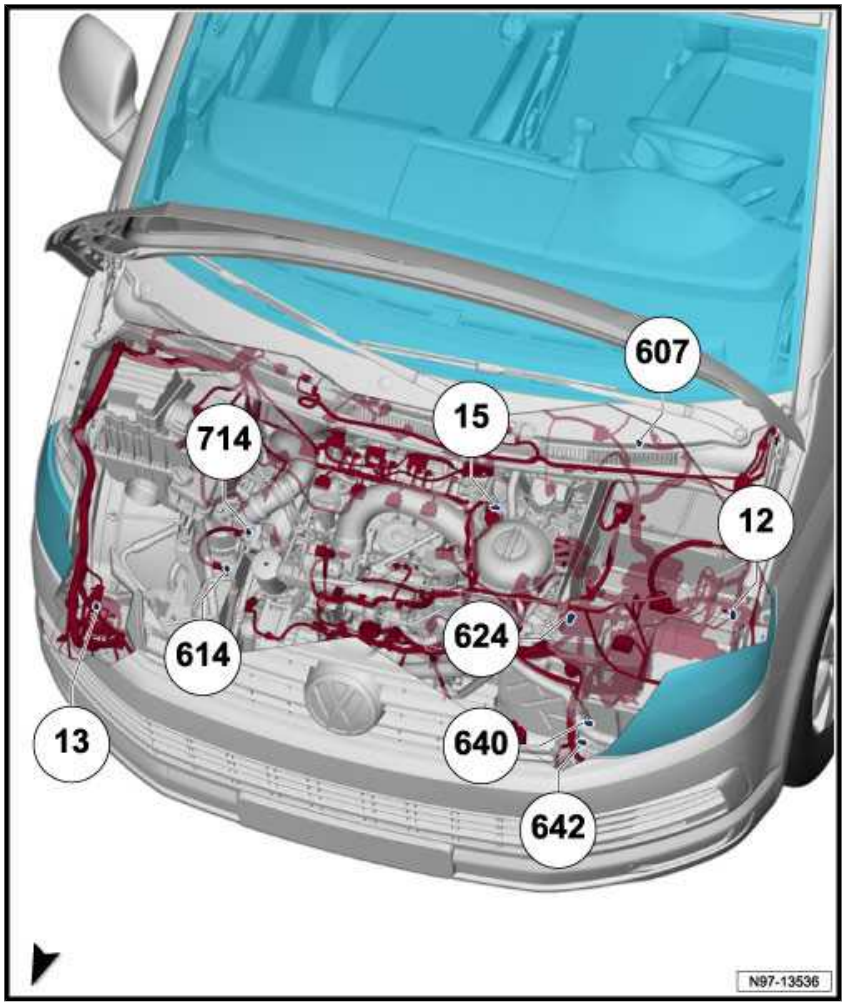
614 - Earth point 2, on right in engine compartment
- ❑ Specified torque 20 Nm

624 - Earth point, starter battery
- ❑ Specified torque 20 Nm

640 - Earth point 2, left in engine compartment
- ❑ Specified torque 9 Nm

642 - Earth point for electronically controlled fan
- ❑ Specified torque 9 Nm

714 - Earth point on right of engine
- ❑ Specified torque 20 Nm



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1.2 Overview of earth points in interior (front)

34 - Earth point, under driver seat
- ❑ Specified torque 9 Nm

35 - Earth point, under front passenger seat
- ❑ Specified torque 9 Nm

605 - Earth point, on top end of steering column
- ❑ Specified torque 4 Nm

610 - Earth point (audio), front below centre console
- ❑ Specified torque 9 Nm

636 - Earth point, onboard supply control unit
- ❑ Near airbag control unit -J234-
- ❑ Specified torque 9 Nm

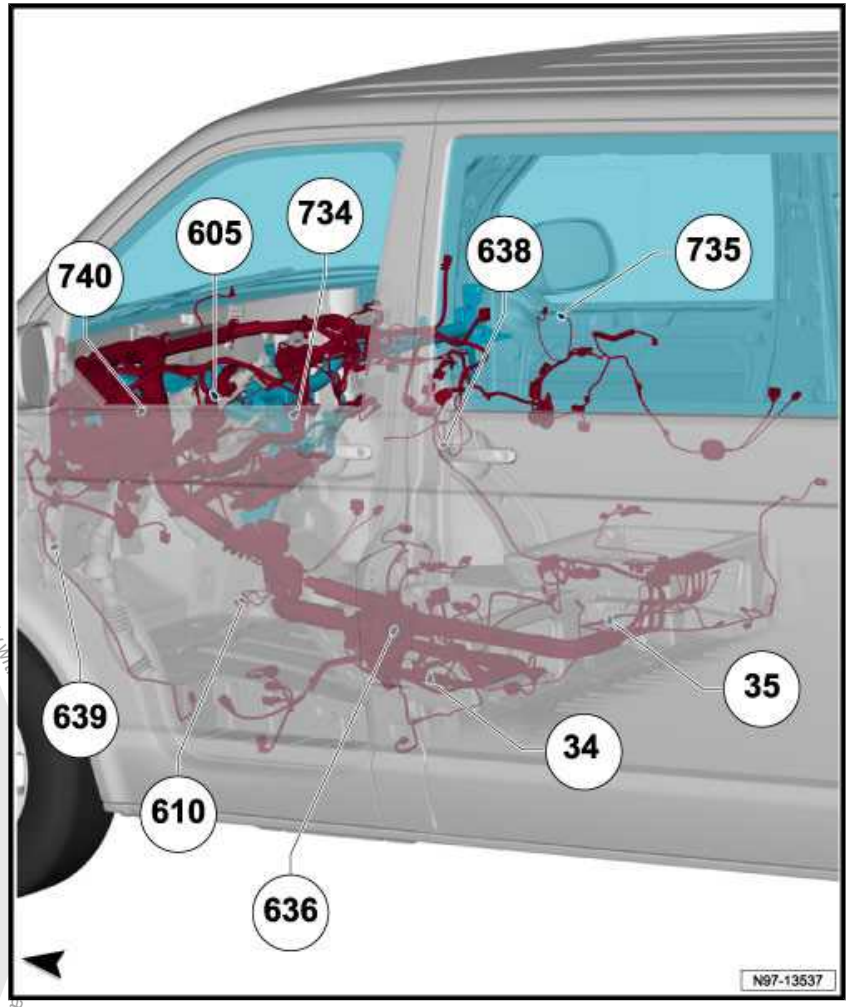
638 - Earth point, on right A-pillar
- ❑ Specified torque 9 Nm

639 - Earth point, left A-pillar
- ❑ Specified torque 9 Nm

734 - Earth point in front left door
- ❑ Specified torque 9 Nm

735 - Earth point in front right door
- ❑ Specified torque 9 Nm

740 - Earth point 2 in front left door
- ❑ Specified torque 9 Nm



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1.3 Overview of earth points in interior (rear)

653 - Earth point, on left D-pillar

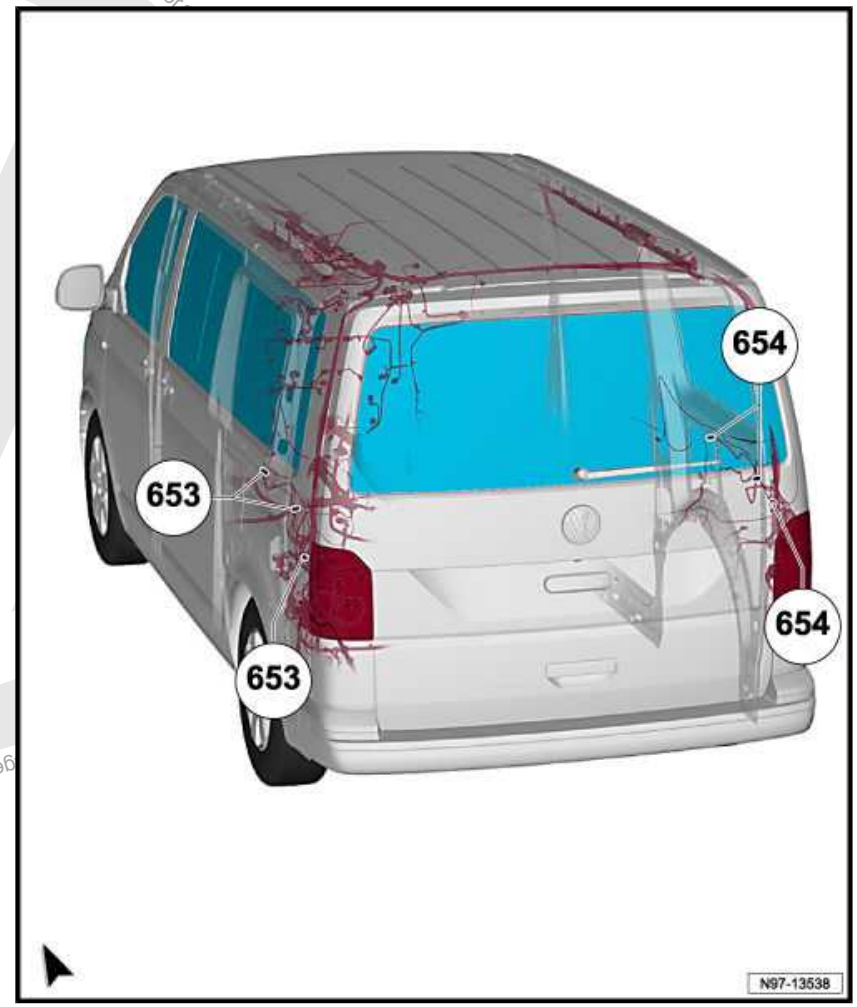
- Specified torque 9 Nm

654 - Earth point, on right D-pillar

- Specified torque 9 Nm

Note

Vehicles with a long wheel-base have earth points (653) and (654) in the side part.



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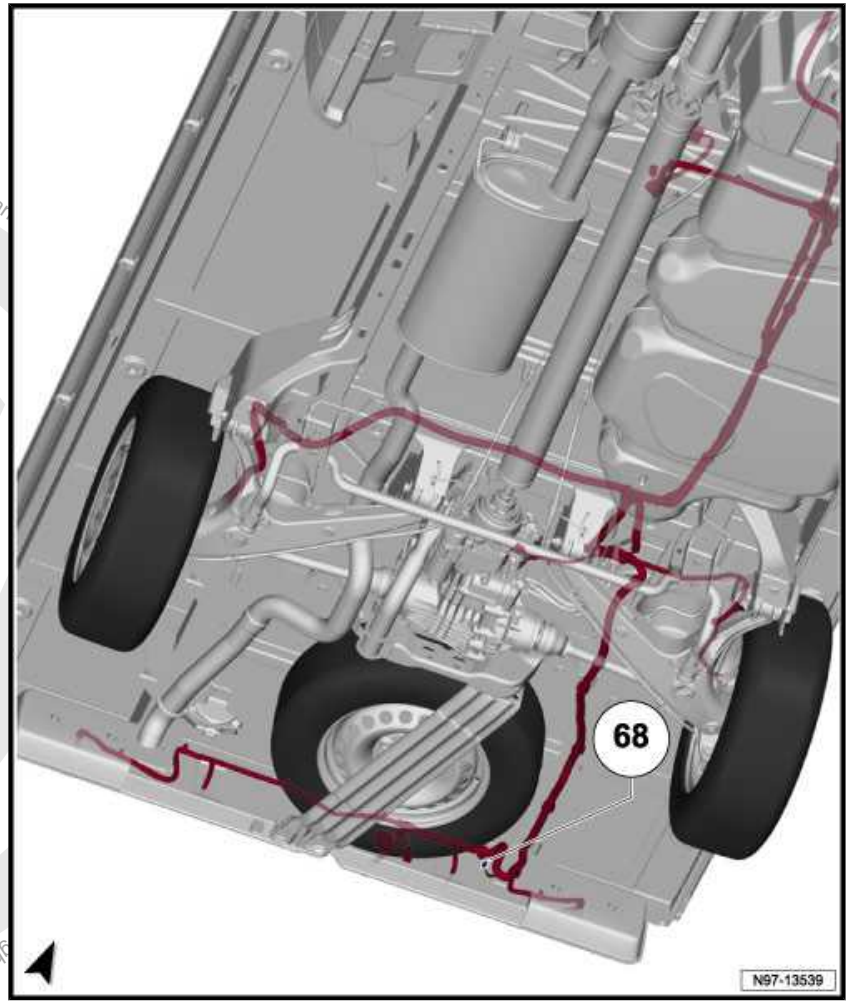
1.4 Overview of earth points on cross member

68 - Earth point, on left of rear cross member

- Specified torque 9 Nm



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1 -Fitting locations: Fuses

1.1 Overview of fuse holders

1 - Fuse holder K -SK-

- Fitting location: ⇒ page 3
- Fuse assignment: ⇒ page 4

2 - Fuse holder C -SC- , Fuse holder D -SD- and Fuse holder F -SF- , in centre of dash panel

- Fitting location in left-hand drive vehicles (L0L): ⇒ page 14
- Fitting location in right-hand drive vehicles (L0R): ⇒ page 16
- Fuse assignment for fuse holder C -SC- from June 2015: ⇒ page 17
- Fuse assignment for fuse holder C -SC- from June 2016: ⇒ page 24
- Fuse assignment for fuse holder D -SD- : ⇒ page 33
- Fuse assignment for fuse holder F -SF- : ⇒ page 35

3 - Hot air blower single fuse -S25- and Window regulator thermal fuse -S43-

- Fitting location in left-hand drive vehicles (L0L): ⇒ page 4
- Fitting location in right-hand drive vehicles (L0R): ⇒ page 6
- Fuse assignment: ⇒ page 6

4 - Fuse 1 -S131- , fuse 2 -S132- , fuse 3 -S133- , fuse holder H -SH- (-SH1- to -SH30-) and fuse holder J -SJ- , under the left seat box

- Fitting location: ⇒ page 37
- Fuse assignment for -S131- , -S132- , -S133- and -SH1- to -SH30- : ⇒ page 38
- Fuse assignment for -SJ1- to -SJ9- : ⇒ page 43

5 - Fuse holder H -SH- (-SH35- to -SH50-), under the seat-box on the left

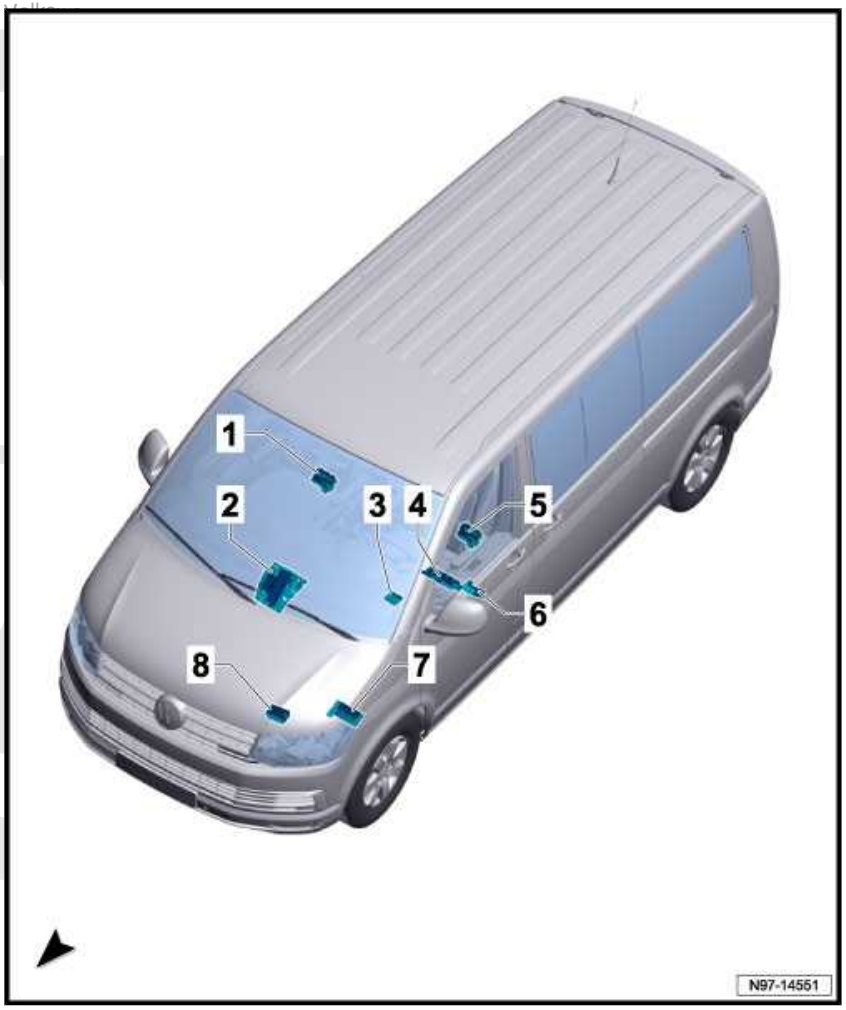
- Fitting location: ⇒ page 45
- Fuse assignment for special vehicles (IS4): ⇒ page 46
- Fuse assignment for special vehicles (IS5): ⇒ page 47

6 - Fuse 31 in fuse holder H -SH31- , under the seat-box on the left

- Fitting location: ⇒ page 44
- Fuse assignment: ⇒ page 45

7 - Fuse holder A -SA- , on left in engine compartment

- Fitting location: ⇒ page 7
- Fuse assignment: ⇒ page 8



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8 - Fuse holder B -SB- , on left in engine compartment

- Fitting location: ⇒ page 9
- Fuse assignment: ⇒ page 10

1.2 Fuse holder K -SK-

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1.2.1 Fitting location:

A - Fuse holder K -SK-

- in right seat box

Fuse colours

40 A - blue

30 A - green

25 A - white

20 A - yellow

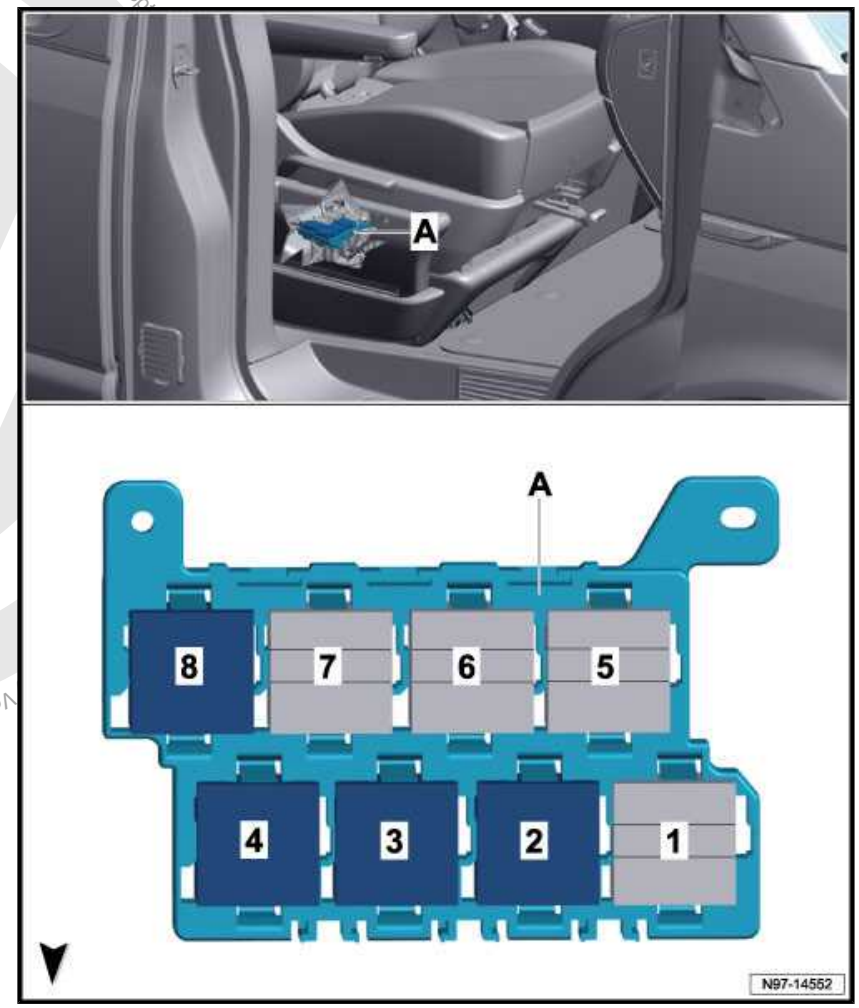
15 A - blue

10 A - red

7.5 A - brown

5 A - beige

3 A - purple



1.2.2 Fuse assignment:

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	not assigned	-	-	not assigned	-
2	-	Fuse 1 on fuse holder K -SK1-	-	-	not assigned	-
	-	Fuse 2 on fuse holder K -SK2-	3 A	-	Multimedia system display unit 1 -Y22- [1]	30
	-	Fuse 3 on fuse holder K -SK3-	3 A	-	Multimedia system display unit 1 -Y22- [1]	87
3-8	-	not assigned	-	-	not assigned	-

Note

[1] only models with Rear Seat Entertainment (10.2 inches)

– Back to overview ⇒ page 1

1.3 Hot air blower single fuse -S25- and Window regulator thermal fuse -S43-

1.3.1 Fitting location in left-hand drive vehicles (L0L):

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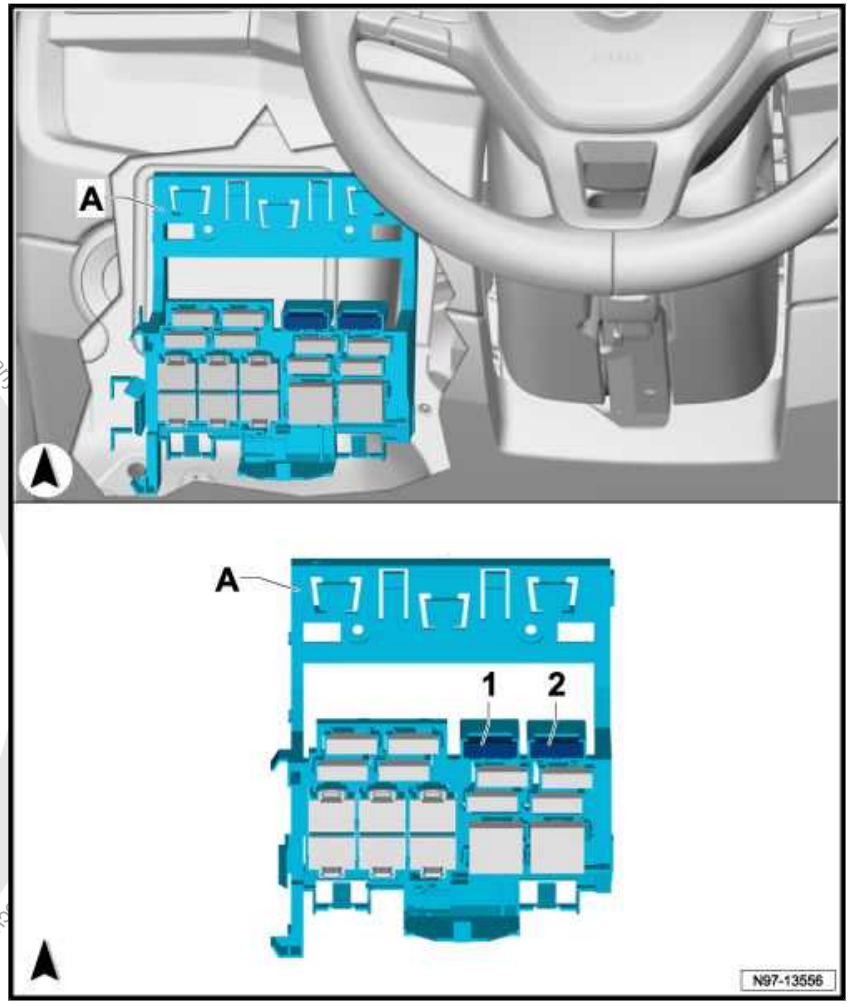
A - Fuse and relay holder

- behind dash panel, left

Fuse colours

40 A - orange



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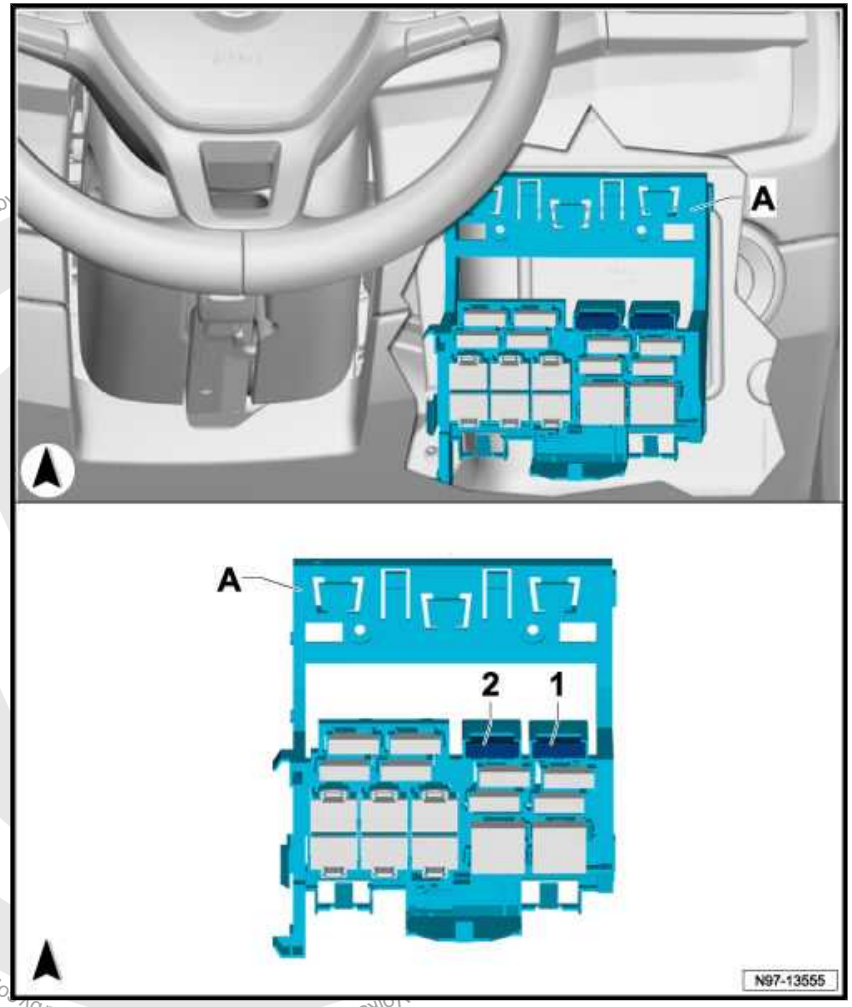
1.3.2 Fitting location in right-hand drive vehicles (L0R):

A - Fuse and relay holder

- behind dash panel, right

Fuse colours

40 A - orange



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1.3.3 Fuse assignment:

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Hot air blower single fuse -S25-	40 A	-	Fresh air blower switch -E9- - Air conditioning system control unit -J301-	30

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
2	-	Window regulator thermal fuse -S43-	30 A	-	Driver door control unit -J386- - Front passenger door control unit -J387-	30

– Back to overview ⇒ page 1

1.4 Fuse holder A -SA-

1.4.1 Fitting location:

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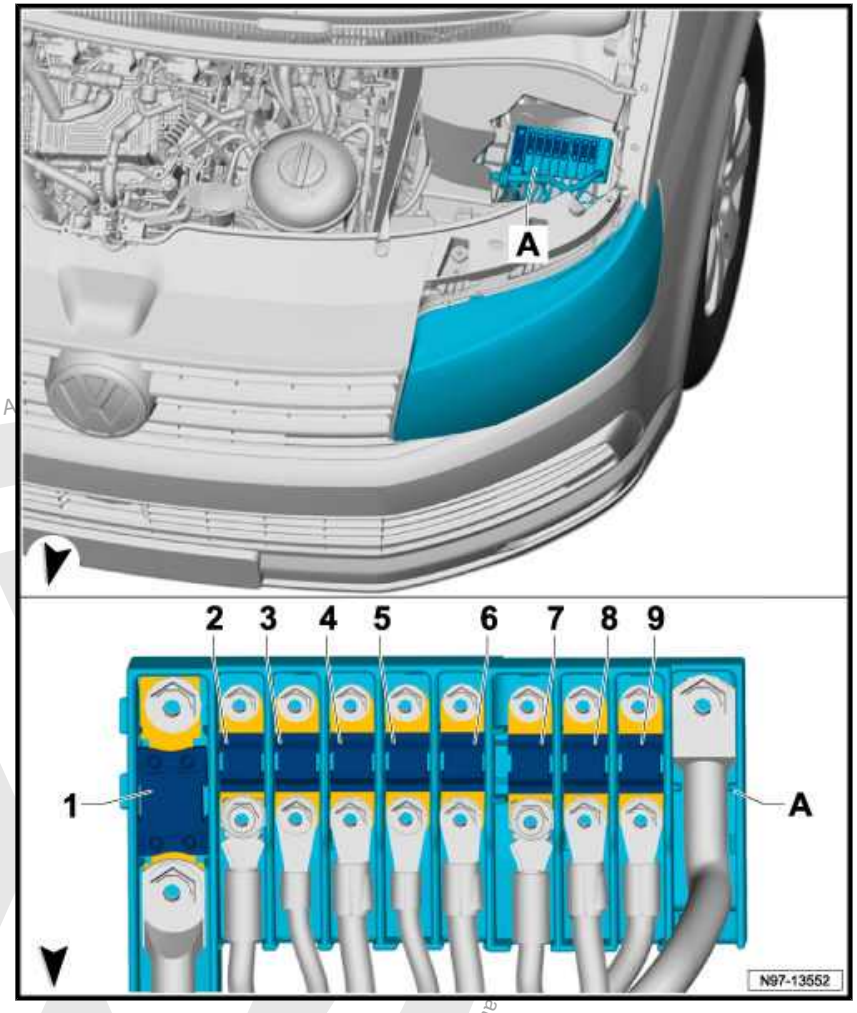
A - Fuse holder A -SA-

- In the e-box, in engine compart., left



1.4.2 Fuse assignment:

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder A -SA1-	225 A	-	Alternator -C-	30
2	-	Fuse 2 on fuse holder A -SA2-	125 A	-	Fuse holder C -SC- (-SC1- to -SC17-)	30

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
3	-	Fuse 3 on fuse holder A -SA3-	50 A or 100 A	-	Battery isolation relay -J7- - Second battery charging circuit relay -J713- - Fuse 25 in fuse holder H -SH25- - Fuse 27 in fuse holder H -SH27- - Left sliding door control unit -J558- - Right sliding door control unit -J731-	30
4	-	Fuse 4 on fuse holder A -SA4-	70 A	-	D50 Positive connection (30) in engine compartment wiring harness	30
5	-	Fuse 5 on fuse holder A -SA5-	80 A[1)] 60 A[2)]	-	ABS control unit -J104-	30
6	-	Fuse 6 on fuse holder A -SA6-	100 A	-	Heated windscreen relay -J47- - Automatic glow period control unit -J179-	30
7	-	Fuse 7 on fuse holder A -SA7-	100 A	-	Radiator fan control unit -J293-	30
8	-	Fuse 8 on fuse holder A -SA8-	50 A or 100 A	-	Positive connection 1 (30) in interior wiring harness - Positive connection 2 (30) in interior wiring harness - B299 Positive connection 3 (30), in main wiring harness	30
9	-	Fuse 9 on fuse holder A -SA9-	100 A	-	Fuse holder C -SC- (-SC38- to -SC54-)	30

Note

- *1) up to June 2016*
- *2) from June 2016*

– Back to overview ⇒ page 1

1.5 Fuse holder B -SB-

1.5.1 Fitting location:

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A - Fuse holder B -SB-

- In the e-box, in engine compart., left

Fuse colours

40 A - blue

30 A - green

25 A - white

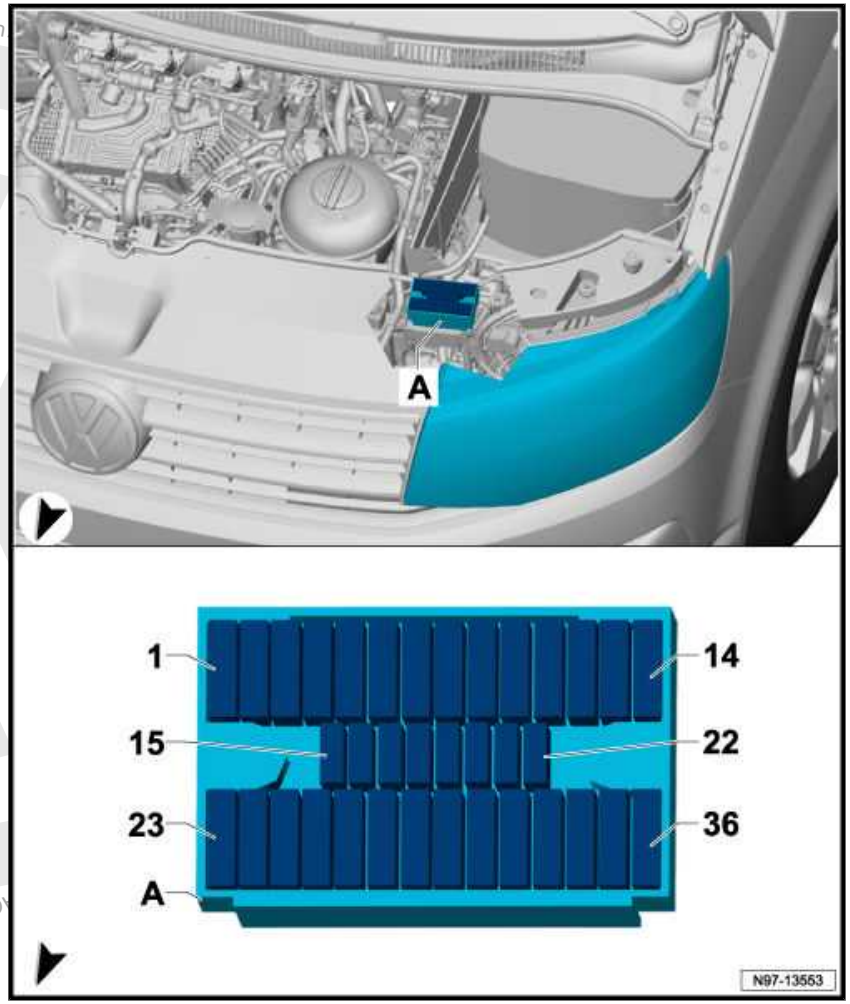
20 A - yellow

15 A - blue

10 A - red

7.5 A - brown

5 A - beige



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1.5.2 Fuse assignment:

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder B -SB1-	5 A	-	Radiator fan control unit -J293-	87

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
2	-	Fuse 2 on fuse holder B -SB2-	5 A	-	Auxiliary Engine Coolant Pump Relay -J496- ◆ Residual heat relay -J708- ◆ Circulation pump -V55-	30
3	-	Fuse 3 on fuse holder B -SB3-	5 A	-	Heater element for crankcase breather -N79- 1), 2)	15
4	-	Fuse 4 on fuse holder B -SB4-	30 A	-	Voltage stabiliser -J532- ◆ Control unit 1 for information electronics -J794- ◆ Radio -R- ◆ Fuse 22 on fuse holder C -SC22- ◆ Fuse 58 on fuse holder C -SC58-	30
5	-	Fuse 5 on fuse holder B -SB5-	15 A	- - -	Selector lever -E313- Mechatronic unit for dual clutch gearbox -J743- Ignition key withdrawal lock solenoid -N376-	30
6	-	Fuse 6 on fuse holder B -SB6-	30 A	-	ABS control unit -J104-	30
7	-	Fuse 7 on fuse holder B -SB7-	5 A	-	Heater element for crankcase breather -N79- 3)	87
8	-	Fuse 8 on fuse holder B -SB8-	30 A	-	Heated windscreen -Z2-	87
9	-	Fuse 9 on fuse holder B -SB9-	5 A	-	Engine/motor control unit -J623-	30
10	-	Fuse 10 on fuse holder B -SB10-	10 A	- - - - -	Charge pressure control solenoid valve -N75- 1) Activated charcoal filter solenoid valve 1 -N80- 1) Camshaft control valve 1 -N205- 1) Turbocharger air recirculation valve -N249- 1) Intake manifold flap valve -N316- 1)	87
			15 A	- - - - - -	Charge pressure control solenoid valve -N75- 2), 3) Exhaust flap valve -N220- 2), 4) Charge pressure control solenoid valve 2 -N274- 3), 4) Intake manifold flap valve -N316- 3) Exhaust gas recirculation cooler changeover valve -N345- 2) Turbine changeover valve -N529- 3), 4)	
11	-	Fuse 11 on fuse holder B -SB11-	-	-	not assigned	-
12	-	Fuse 12 on fuse holder B -SB12-	10 A	- -	Fuel pressure regulating valve -N276- 2) Fuel metering valve -N290- 2), 3)	87
13	-	Fuse 13 on fuse holder B -SB13-	7.5 A	-	Relay for reducing agent metering system -J963- 3) ◆ Reducing agent tank -VX85- 3) ◆ Delivery unit for reducing agent metering system -GX19- 3)	30

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
14	-	Fuse 14 on fuse holder B -SB14-	5 A	-	Fuel pump relay -J17- 2) , 3)	87
				-	Electric fuel pump 2 relay -J49- 2)	
15	-	Fuse 15 on fuse holder B -SB15-	10 A	-	Reversing light switch -F4-	15
16	-	Fuse 16 on fuse holder B -SB16-	5 A	-	Brake light switch -F-	87
17	-	Fuse 17 on fuse holder B -SB17-	5 A	-	TCS and ESP button -E256- 4)	15
				-	Tyre Pressure Loss Indicator button -E492- 4)	
				-	Hill descent control button -E618- 4)	
				-	ABS control unit -J104-	
18	-	Fuse 18 on fuse holder B -SB18-	5 A	-	Power steering control unit -J500-	15
19	-	Fuse 19 on fuse holder B -SB19-	5 A	-	Clutch pedal switch -F36- 4)	87
				-	Clutch position sender -G476- 4)	
				-	Air mass meter -G70- 2) , 3) , 4)	
20	-	Fuse 20 on fuse holder B -SB20-	5 A	-	Engine/motor control unit -J623-	15
				-	Air mass meter -G70- 1)	
21	-	Fuse 21 on fuse holder B -SB21-	-	-	not assigned	-
22	-	Fuse 22 on fuse holder B -SB22-	-	-	not assigned	-
23	-	Fuse 23 on fuse holder B -SB23-	10 A	-	Relay for reducing agent metering system -J963-	87
24	-	Fuse 24 on fuse holder B -SB24-	5 A	-	Selector lever -E313-	15
				-	Mechatronic unit for dual clutch gearbox -J743-	
25	-	Fuse 25 on fuse holder B -SB25-	20 A	-	Actuator 1 for camshaft adjustment -F366- to	87
				-	Actuator 8 for camshaft adjustment -F373-	
26	-	Fuse 26 on fuse holder B -SB26-	30 A	-	Heated windscreen -Z2-	87
27	-	Fuse 27 on fuse holder B -SB27-	10 A	-	Continued coolant circulation pump -V51- 2)	87
				-	Charge air cooling pump -V188- 3)	
				-	Pump for exhaust gas recirculation cooler -V400- 3)	
28	-	Fuse 28 on fuse holder B -SB28-	15 A	-	Control unit for NOx sender -J583- 3) , 5)	87
					♦ NOx sender -G295- 3) , 5)	
					Control unit for sensor electronics -J849- 3)	
					♦ Particulate sensor -G784- 3)	
					Control unit for NOx sender 2 -J881- 3)	
					♦ NOx sender 2 -G687- 3)	

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
29	-	Fuse 29 on fuse holder B -SB29-	15 A	-	Valve for oil pressure control -N428- 3)	87
				-	Coolant valve for cylinder head -N489- 3)	
				-	Auxiliary pump for heating -V488- 3)	
				-	Fuel shut-off valve switch-off relay -J335- 1)	
					♦ Fuel pressure regulating valve -N276- 1)	
30	-	Fuse 30 on fuse holder B -SB30-	20 A	-	Fuel pump relay -J17- 2), 3)	30
				-	♦ Fuel system pressurisation pump -G6- 2), 3)	
					Electric fuel pump 2 relay -J49- 2)	
					♦ Supplementary fuel pump -V393- 2)	
				-	Fuel pump control unit -J538- 1)	87
					♦ Fuel system pressurisation pump -G6- 1)	
31	-	Fuse 31 on fuse holder B -SB31-	15 A	-	Lambda probe -G39-	87
				-	♦ Lambda probe heater -Z19-	
					Lambda probe after catalytic converter -G130- 1)	
					♦ Lambda probe 1 heater after catalytic converter -Z29- 1)	
32	-	Fuse 32 on fuse holder B -SB32-	30 A	-	Engine/motor control unit -J623-	87
				-	Ignition coil 1 with output stage -N70- 1)	
				-	Ignition coil 2 with output stage -N127- 1)	
				-	Ignition coil 3 with output stage -N291- 1)	
				-	Ignition coil 4 with output stage -N292- 1)	
33	-	Fuse 33 on fuse holder B -SB33-	5 A	-	Automatic glow period control unit -J179- 2), 3)	87
				-	Auxiliary Engine Coolant Pump Relay -J496- 1), 2)	
				-	Fuel shut-off valve switch-off relay -J335- 1)	
				-	Coolant pump relay -J235- 1)	
					♦ Continued coolant circulation pump -V51- 1)	
34	-	Fuse 34 on fuse holder B -SB34-	5 A	-	Onboard supply control unit -J519- (T73b/59)	30
					♦ Reference voltage	
35	-	Fuse 35 on fuse holder B -SB35-	5 A	-	Battery monitor control unit -J367-	30
36	-	Fuse 36 on fuse holder B -SB36-	30 A	-	Starter inhibitor relay -J207-	30
					♦ Starter -B-	

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Note

- *1) Only for petrol engine*
- *2) Only for Diesel engine with emissions standard Euro 5*
- *3) Only for Diesel engine with emissions standard Euro 6*
- *4) According to equipment*
- *5) From August 2018*

– Back to overview ⇒ page 1

1.6 Fuse holder C -SC- , Fuse holder D -SD- and Fuse holder F -SF-

1.6.1 Fitting location in left-hand drive vehicles (L0L):

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A - Fuse and relay holder

- ♦ in centre of dash panel

B - Fuse holder C -SC-

C - Fuse holder D -SD-

D - Fuse holder F -SF-

Fuse colours

40 A - orange

30 A - green

25 A - white

20 A - yellow

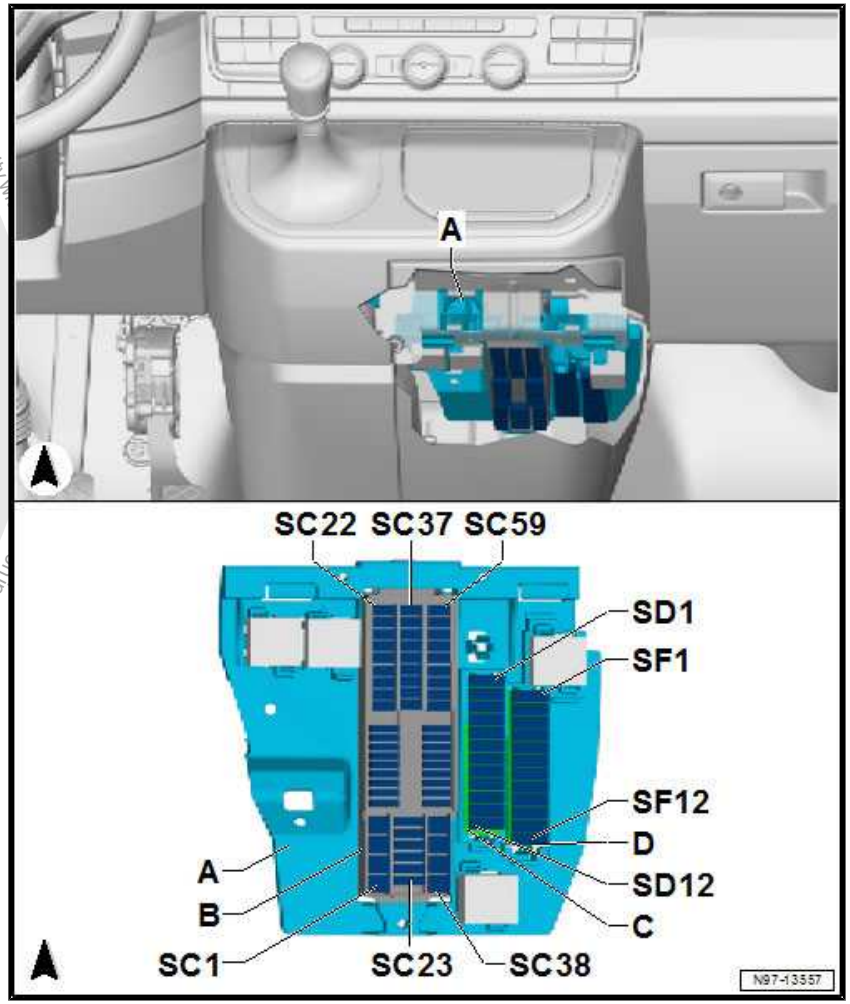
15 A - blue

10 A - red

7.5 A - brown

5 A - beige

3 A - purple



1.6.2 Fitting location in right-hand drive vehicles (L0R):

A - Fuse and relay holder

- in centre of dash panel

B - Fuse holder C -SC-

C - Fuse holder D -SD-

D - Fuse holder F -SF-

Fuse colours

40 A - orange

30 A - green

25 A - white

20 A - yellow

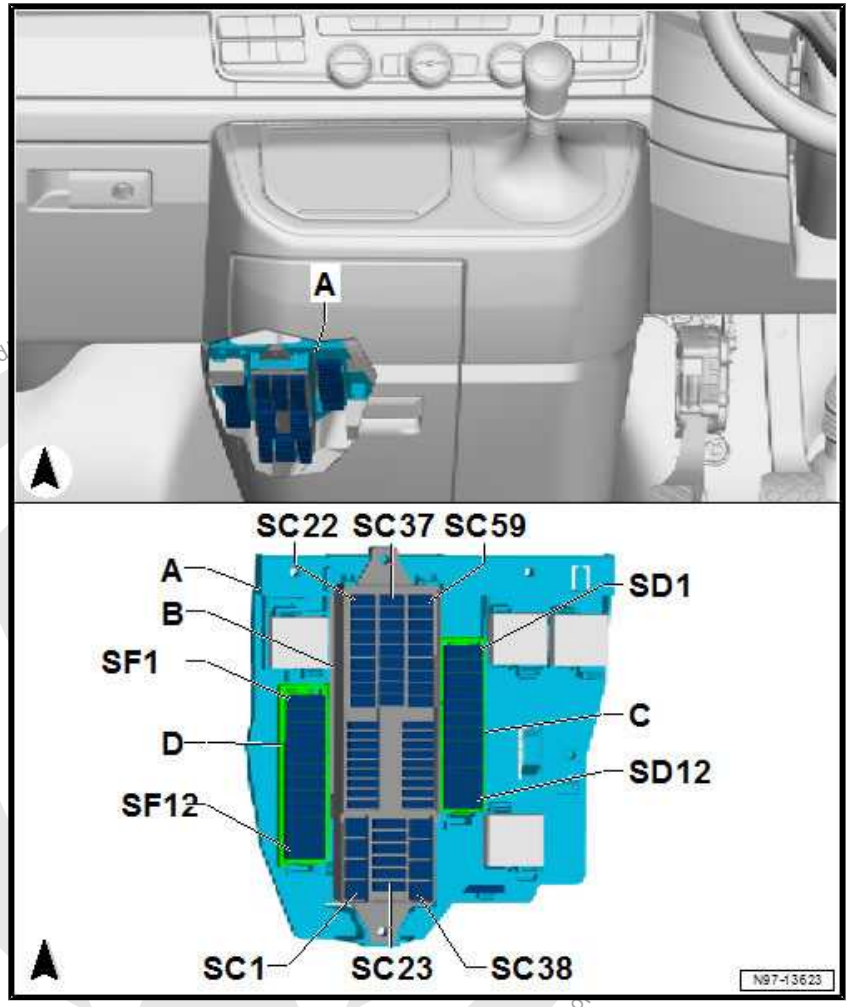
15 A - blue

10 A - red

7.5 A - brown

5 A - beige

3 A - purple



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1.6.3 Fuse assignment for fuse holder C -SC- from June 2015:

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder C -SC1-	40 A	-	Sender for front Bitron blower regulation -G462- - ♦ Fresh air blower -V2- Auxiliary coolant heater relay -J493- ♦ Fresh air blower switch -E9- ♦ Air conditioning system control unit -J301-	30
2	-	Fuse 2 on fuse holder C -SC2-	60 A	-	X-contact relief relay -J59- ♦ B138 Positive connection (X), in interior wiring harness	30
3	-	Fuse 3 on fuse holder C -SC3-	30 A	-	Onboard supply control unit -J519- (T73a/63) ♦ Front left headlight -MX1- ♦ Front right headlight -MX2- ♦ Reversing light ♦ Rear fog light	30
4	-	Fuse 4 on fuse holder C -SC4-	40 A	-	Window regulator thermal fuse -S43- - Fuse 18 on fuse holder C -SC18- - Fuse 22 on fuse holder C -SC22- - Fuse 57 on fuse holder C -SC57- to - Fuse 59 on fuse holder C -SC59- - Fuse 1 on fuse holder D -SD1- to - Fuse 6 on fuse holder D -SD6- - Fuse 9 on fuse holder D -SD9- - Fuse 1 in fuse holder F -SF1- to - Fuse 3 in fuse holder F -SF3- - Fuse 5 in fuse holder F -SF5- - Fuse 6 in fuse holder F -SF6- - Fuse 9 in fuse holder F -SF9- - Fuse 10 in fuse holder F -SF10-	30
5	-	Fuse 5 on fuse holder C -SC5-	7.5 A 6)	-	Onboard supply control unit -J519- (T73a/66) ♦ Interior light ♦ Side lights ♦ Tail light	30

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
			15 A 7)	-	Onboard supply control unit -J519- (T73a/66) ◆ Interior light ◆ Side lights ◆ Tail light	30
6	-	Fuse 6 on fuse holder C -SC6-	30 A	-	Onboard supply control unit -J519- (T73b/67) ◆ Heated rear window	30
7	-	Fuse 7 on fuse holder C -SC7-	30 A	-	Terminal 15 voltage supply relay -J329- ◆ B165 Positive connection 2 (15) in interior wiring harness	30
8	-	Fuse 8 on fuse holder C -SC8-	5 A	-	Light switch -E1-	30
9	-	Fuse 9 on fuse holder C -SC9-	5 A	-	Steering column combination switch -E595- ◆ Headlight dipper and flasher switch -E4- ◆ Onboard supply control unit -J519- (T73b/8)	30
10	-	Fuse 10 on fuse holder C -SC10-	30 A	- -	Control unit 1 for information electronics -J794- Radio -R-	30
11	-	Fuse 11 on fuse holder C -SC11-	30 A	-	Onboard supply control unit -J519- (T73a/73) ◆ Horn	30
12	-	Fuse 12 on fuse holder C -SC12-	20 A	-	Onboard supply control unit -J519- (T73b/11) ◆ Reversing light ◆ Fog light	30
13	-	Fuse 13 on fuse holder C -SC13-	30 A	-	Onboard supply control unit -J519- (T73a/68) ◆ Windscreen wiper motor -V-	30
14	-	Fuse 14 on fuse holder C -SC14-	5 A	- - -	Differential lock control unit -J187- Isolation relay for powertrain CAN bus -J788- 16-pin connector -T16- (diagnostics)	30
15	-	Fuse 15 on fuse holder C -SC15-	7.5 A	- - -	Fresh air and air recirculation flap switch -E159- Climatronic control unit -J255- Air conditioning system control unit -J301-	30
16	-	Fuse 16 on fuse holder C -SC16-	10 A	-	Onboard supply control unit -J519- (T73b/39) ◆ Internal supply	30
17	-	Fuse 17 on fuse holder C -SC17-	10 A	-	Onboard supply control unit -J519- (T73a/64) ◆ heated exterior mirror	30

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
18	-	Fuse 18 on fuse holder C -SC18-	5 A	-	Two-way signal amplifier for mobile telephone/data services -J984- - Storage compartment with interface for mobile telephone -R265- - Reversing camera -R189- - USB hub -R293-	30
			7.5 A	-	Reversing camera -R189- - USB hub -R293-	30
19	-	Fuse 19 on fuse holder C -SC19-	7.5 A	-	B250 Positive connection, in roof wiring harness	30G
20	-	Fuse 20 on fuse holder C -SC20-	7.5 A	-	B315 Positive connection 1 (30a) in main wiring harness	30G
21	-	Fuse 21 on fuse holder C -SC21-	10 A	-	X-contact relief relay -J59- 1) - Onboard supply control unit -J519- (T73b/51) 1) - Interface for external use 6-pin connector -T6bn/5- 1)	75x
22	-	Fuse 22 on fuse holder C -SC22-	5 A	-	Dash panel insert -K-	30
23	-	Fuse 23 on fuse holder C -SC23-	5 A	-	Interface for external use 10-pin connector -T10bj/4- 1) - Interface for external use 10-pin connector -T10bj/8- 1) - Starter inhibitor relay -J207- 1)	50
			30 A	-	Starter -B- 1)	50
			30 A	-	Starter inhibitor relay -J207- 1)	15
			30 A	-	Starter relay 1 -J906- 1) ◆ Starter relay 2 -J907- 1) ◆ Starter -B- 1)	15
24	-	Fuse 24 on fuse holder C -SC24-	7.5 A	-	Fresh air and air recirculation flap switch -E159- - Rear fresh air blower switch -E179- - Fresh air blower isolation relay -J487-	75x
25	-	Fuse 25 on fuse holder C -SC25-	10 A	-	Rear window wiper motor -V12- - Rear left wing door window wiper motor -V92- - Rear right wing door window wiper motor -V93- - Left washer jet heater element -Z20- - Right washer jet heater element -Z21-	75x
26	-	Fuse 26 on fuse holder C -SC26-	5 A	-	Onboard supply control unit -J519- (T73b/51) 1) - Interface for external use 6-pin connector -T6bn/5- 1)	75x
27	-	Fuse 27 on fuse holder C -SC27-	25 A	-	Heated front seats control unit -J774-	75x
28	-	Fuse 28 on fuse holder C -SC28-	5 A	-	Auxiliary coolant heater relay -J493-	75x
29	-	Fuse 29 on fuse holder C -SC29-	10 A	-	Airbag control unit -J234- - Warning lamp for airbag deactivated on front passenger side -K145-	15

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
30	-	Fuse 30 on fuse holder C -SC30-	10 A	-	Mirror adjustment switch -E43- - Headlight range control regulator -E102- - Accident data recorder button -E497- - High-pressure sender -G65- - Air quality sensor -G238- - Oil level and oil temperature sender -G266- - Trailer detector control unit -J345- - Parking aid control unit -J446- 4) - Headlight range control unit -J431- - Accident data memory -J754- - Front left headlight -MX1- - Front right headlight -MX2- - 4-pin connector -T4as/3- - 10-pin connector -T10bz/4- - Diagnostic connection -U31- - Left headlight range control motor -V48- - Right headlight range control motor -V49- - Coolant shut-off valve relay -J541- - ♦ Climatronic coolant shut-off valve -N422- Voltage supply relay 2 -J710- 5) ♦ Parking aid control unit -J446- 5)	15
31	-	Fuse 31 on fuse holder C -SC31-	-	-	not assigned	15
32	-	Fuse 32 on fuse holder C -SC32-	7.5 A	-	Light switch -E1- - Operating and display unit for camping equipment -E153- - Start/Stop operation button -E693- - Tachograph -G24- - Steering angle sender -G85- - Electronically controlled damping control unit -J250- - Multifunction steering wheel control unit -J453- - Onboard supply control unit -J519- (T73a/44) - Voltage stabiliser -J532- - Main beam assist control unit -J844- - Dash panel insert -K- - Automatic anti-dazzle interior mirror -Y7- - Headlight dipper and flasher switch -E4- ♦ Onboard supply control unit -J519- (T73a/62) ♦ Onboard supply control unit -J519- (T73b/8)	15

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
33	-	Fuse 33 on fuse holder C -SC33-	10 A		- Rear differential lock switch -E121- - Vacuum switch for rear differential lock -F363- - All-wheel drive control unit -J492- - Differential lock control unit -J187- ◆ Differential lock valve 1 -N125- ◆ Differential lock valve 2 -N126-	15
34	-	Fuse 34 on fuse holder C -SC34-	5 A		- Operating and display unit for camping equipment -E153- - Internet access control unit -J666- - 10-pin connector -T10bj/10- - Interface for external use 10-pin connector -T10bh/9-	15
35	-	Fuse 35 on fuse holder C -SC35-	10 A		- 10-pin connector -T10cb/7- - 12-pin connector -T12y/3-	15
			15 A		- Taximeter -G41- - Taxi alarm remote control, control unit -J601-	15
36	-	Fuse 36 on fuse holder C -SC36-	15 A		- Intermittent wiper switch -E22- - Rear wiper switch -E34- - Washer pump switch (automatic wash/wipe and headlight washer system) -E44- ◆ Onboard supply control unit -J519- ◆ Washer pump -V5- ◆ Rear window wiper motor -V12- ◆ Windscreen and rear window washer pump -V59- ◆ Rear left wing door window wiper motor -V92- ◆ Rear right wing door window wiper motor -V93-	15
37	-	Fuse 37 on fuse holder C -SC37-	5 A		- Cruise control system switch -E45- - Cruise control system (CCS) SET button -E227- - Adaptive cruise control unit -J428- - Lane change assist control unit -J769- - Lane change assist control unit 2 -J770-	15
38	-	Fuse 38 on fuse holder C -SC38-	40 A	-	Ignition/starter switch -D-	30
39	-	Fuse 39 on fuse holder C -SC39-	20 A	-	Ignition/starter switch -D-	30
40	-	Fuse 40 on fuse holder C -SC40-	-	-	Not assigned [8]	30
			20 A	-	12 V socket 6 -U33- [9], [10]	30

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
41	-	Fuse 41 on fuse holder C -SC41-	30 A	-	Onboard supply control unit -J519- (T73b/68) ◆ Front left headlight -MX1- ◆ Front right headlight -MX2- ◆ Side lights ◆ Tail light	30
42	-	Fuse 42 on fuse holder C -SC42-	25 A 2) 30 A 3)	-	Fresh air blower isolation relay -J487- ◆ Rear fresh air blower switch -E179-	30
			30 A	-	Rear blower regulation sender -G463- ◆ Rear fresh air blower -V80-	30
43	-	Fuse 43 on fuse holder C -SC43-	30 A	-	Control unit for reducing agent heater -J891-	30
44	-	Fuse 44 on fuse holder C -SC44-	15 A	-	Rear lid control unit -J605-	30
			20 A	- - - - -	Alarm horn -H12- Onboard supply control unit -J519- (T73a/16) ◆ Central locking Rear lid control unit -J605- Left sliding door control unit -J558- Right sliding door control unit -J731-	30
45	-	Fuse 45 on fuse holder C -SC45-	30 A	-	Amplifier -R12-	30
46	-	Fuse 46 on fuse holder C -SC46-	20 A	-	Auxiliary heater control unit -J364-	30
47	-	Fuse 47 on fuse holder C -SC47-	25 A	-	Onboard supply control unit -J519- (T73b/13) ◆ Turn signal ◆ Brake light	30
48	-	Fuse 48 on fuse holder C -SC48-	25 A	-	Sliding sunroof adjustment control unit -J245-	30
49	-	Fuse 49 on fuse holder C -SC49-	15 A	-	Cigarette lighter -U1-	30
50	-	Fuse 50 on fuse holder C -SC50-	25 A	-	Headlight washer system relay -J39- ◆ Headlight washer system pump -V11-	30
51	-	Fuse 51 on fuse holder C -SC51-	5 A	-	Steering angle sender -G85-	30
52	-	Fuse 52 on fuse holder C -SC52-	5 A	- -	Interior monitor send and receive module 1 -G303- Interior monitor send and receive module 2 -G305-	30
53	-	Fuse 53 on fuse holder C -SC53-	5 A	-	Rain and light sensor -G397-	30

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
54	-	Fuse 54 on fuse holder C -SC54-	7.5 A	-	Operating and display unit for camping equipment -E153- - Roof display unit -J702- - Remote control receiver for auxiliary heater -R64- - Remote control receiver for auxiliary coolant heater -R149- - Residual heat relay -J708- ♦ Circulation pump -V55-	30
55	-	Fuse 55 on fuse holder C -SC55-	5 A	-	Operating and display unit for camping equipment -E153- - Onboard supply control unit -J519- (T73a/42) - Roof hydraulics control unit -J768- - 10-pin connector -T10bj/6- - Interface for external use 10-pin connector -T10bh/6-	86s
56	-	Fuse 56 on fuse holder C -SC56-	5 A	-	Starter inhibitor relay -J207- - Engine/motor control unit -J623- - Interface for external use 10-pin connector -T10bj/4- - Interface for external use 10-pin connector -T10bj/8-	50
57	-	Fuse 57 on fuse holder C -SC57-	5 A	-	Operating and display unit for rear air conditioning system -E265-	30
58	-	Fuse 58 on fuse holder C -SC58-	10 A	-	Tachograph -G24-	30
59	-	Fuse 59 on fuse holder C -SC59-	5 A	-	Taximeter -G41-	30
			10 A	-	Red cross light switch -E10- ♦ Red cross light bulb -L4-	30
			10 A	-	Rotating light switch -E162- ♦ Rotating light relay -J326- ♦ Rotating light motor -V61-	30

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Note

- *1) see applicable current flow diagram for engine*
- *2) Only models with air conditioning system*
- *3) Only models with no air conditioning system*
- *4) only models with no electrically operated rear lid*
- *5) only models with electric rear lid opener*
- *6) only models with no roof console*
- *7) only models with roof console*
- *8) up to November 2015*
- *9) from November 2015*
- *10) Only models with no second battery*

– Back to overview ⇒ page 1

1.6.4 Fuse assignment for fuse holder C -SC- from June 2016:

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder C -SC1-	40 A	-	Sender for front Bitron blower regulation -G462- - ◆ Fresh air blower -V2- Auxiliary coolant heater relay -J493- ◆ Fresh air blower switch -E9- ◆ Air conditioning system control unit -J301-	30
2	-	Fuse 2 on fuse holder C -SC2-	60 A	-	X-contact relief relay -J59- ◆ B138 Positive connection (X), in interior wiring harness	30

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
3	-	Fuse 3 on fuse holder C -SC3-	30 A	-	Onboard supply control unit -J519- (T73a/63) ◆ Front left headlight -MX1- ◆ Front right headlight -MX2- ◆ Reversing light ◆ Rear fog light	30
4	-	Fuse 4 on fuse holder C -SC4-	40 A	-	Window regulator thermal fuse -S43- - Fuse 18 on fuse holder C -SC18- - Fuse 22 on fuse holder C -SC22- - Fuse 57 on fuse holder C -SC57- to - Fuse 59 on fuse holder C -SC59- - Fuse 1 on fuse holder D -SD1- to - Fuse 7 on fuse holder D -SD7- - Fuse 9 on fuse holder D -SD9- - Fuse 1 in fuse holder F -SF1- to - Fuse 3 in fuse holder F -SF3- - Fuse 5 in fuse holder F -SF5- to - Fuse 7 in fuse holder F -SF7- - Fuse 9 in fuse holder F -SF9- - Fuse 10 in fuse holder F -SF10-	30
5	-	Fuse 5 on fuse holder C -SC5-	7.5 A 6)	-	Onboard supply control unit -J519- (T73a/66) ◆ Interior light ◆ Side lights ◆ Tail light	30
			15 A 7)	-	Onboard supply control unit -J519- (T73a/66) ◆ Interior light ◆ Side lights ◆ Tail light	30
6	-	Fuse 6 on fuse holder C -SC6-	30 A	-	Onboard supply control unit -J519- (T73b/67) ◆ Heated rear window	30
7	-	Fuse 7 on fuse holder C -SC7-	30 A	-	Terminal 15 voltage supply relay -J329- ◆ B165 Positive connection 2 (15) in interior wiring harness	30
8	-	Fuse 8 on fuse holder C -SC8-	5 A	-	Light switch -E1-	30

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
9	-	Fuse 9 on fuse holder C -SC9-	5 A	-	Steering column combination switch -E595- ◆ Headlight dipper and flasher switch -E4- ◆ Onboard supply control unit -J519- (T73b/8)	30
10	-	Fuse 10 on fuse holder C -SC10-	30 A	- -	Control unit 1 for information electronics -J794- Radio -R-	30
11	-	Fuse 11 on fuse holder C -SC11-	30 A	-	Onboard supply control unit -J519- (T73a/73) ◆ Horn	30
12	-	Fuse 12 on fuse holder C -SC12-	15 A	-	Onboard supply control unit -J519- (T73b/11) ◆ Reversing light ◆ Fog light	30
13	-	Fuse 13 on fuse holder C -SC13-	30 A	-	Onboard supply control unit -J519- (T73a/68) ◆ Windscreen wiper motor -V-	30
14	-	Fuse 14 on fuse holder C -SC14-	5 A	- - -	Differential lock control unit -J187- Isolation relay for powertrain CAN bus -J788- 16-pin connector -T16- (diagnostics)	30
15	-	Fuse 15 on fuse holder C -SC15-	7.5 A	- - -	Fresh air and air recirculation flap switch -E159- Climatronic control unit -J255- Air conditioning system control unit -J301-	30
16	-	Fuse 16 on fuse holder C -SC16-	5 A	-	Onboard supply control unit -J519- (T73b/39) ◆ Internal supply	30
17	-	Fuse 17 on fuse holder C -SC17-	10 A	-	Onboard supply control unit -J519- (T73a/64) ◆ heated exterior mirror	30
18	-	Fuse 18 on fuse holder C -SC18-	7.5 A	-	USB hub -R293-	30
			7.5 A	- - - -	Two-way signal amplifier for mobile telephone/data services -J984- Storage compartment with interface for mobile telephone -R265- Reversing camera -R189- USB hub -R293-	30
19	-	Fuse 19 on fuse holder C -SC19-	7.5 A	-	B250 Positive connection, in roof wiring harness	30G
20	-	Fuse 20 on fuse holder C -SC20-	7.5 A	-	B315 Positive connection 1 (30a) in main wiring harness	30G
21	-	Fuse 21 on fuse holder C -SC21-	10 A	- - -	Onboard supply control unit -J519- (T73b/51) Relay 1 for ignition bypass -J903- 9) Interface for external use 6-pin connector -T6bn/5-	75x
22	-	Fuse 22 on fuse holder C -SC22-	5 A	-	Dash panel insert -K-	30

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
23	-	Fuse 23 on fuse holder C -SC23-	5 A	-	Interface for external use 10-pin connector -T10bj/4- 1)	50
				-	Interface for external use 10-pin connector -T10bj/8- 1)	
				-	Starter inhibitor relay -J207- 1)	
			30 A	-	Starter -B- 1)	50
			30 A	-	Starter inhibitor relay -J207- 1)	15
			30 A	-	Starter relay 1 -J906- 1) ◆ Starter relay 2 -J907- 1) ◆ Starter -B- 1)	15
24	-	Fuse 24 on fuse holder C -SC24-	7.5 A	-	Fresh air and air recirculation flap switch -E159- - Rear fresh air blower switch -E179- - Fresh air blower isolation relay -J487-	75x
25	-	Fuse 25 on fuse holder C -SC25-	10 A	-	Rear window wiper motor -V12- - Rear left wing door window wiper motor -V92- - Rear right wing door window wiper motor -V93- - Left washer jet heater element -Z20- - Right washer jet heater element -Z21-	75x
26	-	Fuse 26 on fuse holder C -SC26-	5 A	-	Terminal 75 voltage supply relay 1 -J680- 9), 10)	75x
			15 A	-	Interface for external use 10-pin connector -T10bh/1-	75x
27	-	Fuse 27 on fuse holder C -SC27-	25 A	-	Heated front seats control unit -J774-	75x
28	-	Fuse 28 on fuse holder C -SC28-	5 A	-	Auxiliary coolant heater relay -J493-	75x
29	-	Fuse 29 on fuse holder C -SC29-	10 A	-	Airbag control unit -J234- - Warning lamp for airbag deactivated on front passenger side -K145-	15

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
30	-	Fuse 30 on fuse holder C -SC30-	10 A	-	Mirror adjustment switch -E43- - Headlight range control regulator -E102- - Accident data recorder button -E497- 9) , 10) - High-pressure sender -G65- - Air quality sensor -G238- - Oil level and oil temperature sender -G266- - Trailer detector control unit -J345- - Parking aid control unit -J446- 4) - Headlight range control unit -J431- - Accident data memory -J754- - Front left headlight -MX1- - Front right headlight -MX2- - 4-pin connector -T4as/3- - 10-pin connector -T10bz/4- - Diagnostic connection -U31- - Left headlight range control motor -V48- - Right headlight range control motor -V49- - Coolant shut-off valve relay -J541- - ♦ Climatronic coolant shut-off valve -N422- Voltage supply relay 2 -J710- 5) ♦ Parking aid control unit -J446- 5)	15
31	-	Fuse 31 on fuse holder C -SC31-	-	-	not assigned	15
32	-	Fuse 32 on fuse holder C -SC32-	7.5 A	-	Light switch -E1- - Operating and display unit for camping equipment -E153- - Accident data recorder button -E497- 11) - Start/Stop operation button -E693- - Tachograph -G24- - Steering angle sender -G85- - Electronically controlled damping control unit -J250- - Multifunction steering wheel control unit -J453- - Onboard supply control unit -J519- (T73a/44) - Accident data memory -J754- 11) - Main beam assist control unit -J844- - Dash panel insert -K- - Automatic anti-dazzle interior mirror -Y7- Headlight dipper and flasher switch -E4- ♦ Onboard supply control unit -J519- (T73a/62) ♦ Onboard supply control unit -J519- (T73b/8)	15

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
33	-	Fuse 33 on fuse holder C -SC33-	10 A	-	Rear differential lock switch -E121- - Vacuum switch for rear differential lock -F363- - All-wheel drive control unit -J492- - Differential lock control unit -J187- ◆ Differential lock valve 1 -N125- ◆ Differential lock valve 2 -N126-	15
34	-	Fuse 34 on fuse holder C -SC34-	5 A	-	Operating and display unit for camping equipment -E153- - Internet access control unit -J666- - 10-pin connector -T10bj/10- - Interface for external use 10-pin connector -T10bh/9-	15
35	-	Fuse 35 on fuse holder C -SC35-	10 A	-	10-pin connector -T10cb/7- - 12-pin connector -T12y/3-	15
			15 A	-	Taximeter -G41- - Mirror taximeter -G511- - Taxi alarm remote control, control unit -J601-	15
36	-	Fuse 36 on fuse holder C -SC36-	15 A	-	Intermittent wiper switch -E22- - Rear wiper switch -E34- - Washer pump switch (automatic wash/wipe and headlight washer system) -E44- ◆ Onboard supply control unit -J519- ◆ Washer pump -V5- ◆ Rear window wiper motor -V12- ◆ Windscreen and rear window washer pump -V59- ◆ Rear left wing door window wiper motor -V92- ◆ Rear right wing door window wiper motor -V93-	15
37	-	Fuse 37 on fuse holder C -SC37-	5 A	-	Cruise control system switch -E45- - Cruise control system (CCS) SET button -E227- - Adaptive cruise control unit -J428- - Lane change assist control unit -J769- - Lane change assist control unit 2 -J770-	15
38	-	Fuse 38 on fuse holder C -SC38-	40 A	-	Ignition/starter switch -D-	30
39	-	Fuse 39 on fuse holder C -SC39-	20 A	-	Ignition/starter switch -D-	30
40	-	Fuse 40 on fuse holder C -SC40-	20 A	-	12 V socket 6 -U33- 8), 12)	30
			30 A	-	Auxiliary heater relay -J8- 13), 14), 15), 16) ◆ Fresh air blower series resistor with overheating fuse -N24- 13), 14), 15), 16)	30

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
41	-	Fuse 41 on fuse holder C -SC41-	30 A	-	Onboard supply control unit -J519- (T73b/68) ◆ Front left headlight -MX1- ◆ Front right headlight -MX2- ◆ Side lights ◆ Tail light	30
42	-	Fuse 42 on fuse holder C -SC42-	25 A 2) 30 A 3)	-	Fresh air blower isolation relay -J487- ◆ Rear fresh air blower switch -E179-	30
			30 A	-	Rear blower regulation sender -G463- ◆ Rear fresh air blower -V80-	30
43	-	Fuse 43 on fuse holder C -SC43-	30 A	-	Control unit for reducing agent heater -J891-	30
44	-	Fuse 44 on fuse holder C -SC44-	15 A	-	Rear lid control unit -J605-	30
			20 A	- - - - -	Alarm horn -H12- Onboard supply control unit -J519- (T73a/16) ◆ Central locking Rear lid control unit -J605- Left sliding door control unit -J558- Right sliding door control unit -J731-	30
45	-	Fuse 45 on fuse holder C -SC45-	30 A	-	Amplifier -R12-	30
46	-	Fuse 46 on fuse holder C -SC46-	20 A	-	Auxiliary heater control unit -J364- 17)	30
				-	Auxiliary heater control unit -J364- 13) , 14) , 16)	30
47	-	Fuse 47 on fuse holder C -SC47-	25 A	-	Onboard supply control unit -J519- (T73b/13) ◆ Turn signal ◆ Brake light	30
48	-	Fuse 48 on fuse holder C -SC48-	25 A	-	Sliding sunroof adjustment control unit -J245-	30
49	-	Fuse 49 on fuse holder C -SC49-	15 A	-	Cigarette lighter -U1-	30
50	-	Fuse 50 on fuse holder C -SC50-	25 A	-	Headlight washer system relay -J39- ◆ Headlight washer system pump -V11-	30
51	-	Fuse 51 on fuse holder C -SC51-	5 A	-	Steering angle sender -G85-	30
52	-	Fuse 52 on fuse holder C -SC52-	5 A	- -	Interior monitor send and receive module 1 -G303- Interior monitor send and receive module 2 -G305-	30
53	-	Fuse 53 on fuse holder C -SC53-	5 A	-	Rain and light sensor -G397-	30

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
54	-	Fuse 54 on fuse holder C -SC54-	7.5 A	-	Operating and display unit for camping equipment -E153- - Roof display unit -J702- - Remote control receiver for auxiliary heater -R64- - Remote control receiver for auxiliary coolant heater -R149- - Residual heat relay -J708- ♦ Circulation pump -V55-	30
55	-	Fuse 55 on fuse holder C -SC55-	5 A	-	Operating and display unit for camping equipment -E153- - Onboard supply control unit -J519- (T73a/42) - Roof hydraulics control unit -J768- - 10-pin connector -T10bj/6- - Interface for external use 10-pin connector -T10bh/6-	86s
56	-	Fuse 56 on fuse holder C -SC56-	5 A	-	Starter inhibitor relay -J207- - Engine/motor control unit -J623- - Interface for external use 10-pin connector -T10bj/4- - Interface for external use 10-pin connector -T10bj/8-	50
57	-	Fuse 57 on fuse holder C -SC57-	5 A	-	Operating and display unit for rear air conditioning system -E265-	30
58	-	Fuse 58 on fuse holder C -SC58-	10 A	-	Tachograph -G24-	30
59	-	Fuse 59 on fuse holder C -SC59-	5 A	-	Taximeter -G41- - Mirror taximeter -G511-	30
			10 A	-	Red cross light switch -E10- ♦ Red cross light bulb -L4-	30
			10 A	-	Rotating light switch -E162- ♦ Rotating light relay -J326- ♦ Rotating light motor -V61-	30

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Note

- *1) see applicable current flow diagram for engine*
- *2) Only models with air conditioning system*
- *3) Only models with no air conditioning system*
- *4) only models with no electrically operated rear lid*
- *5) only models with electric rear lid opener*
- *6) only models with no roof console*
- *7) only models with roof console*
- *8) Only models with no second battery*
- *9) Only models with special police equipment (IS4)*
- *10) Only models with special police equipment (IS5)*
- *11) Only models with no special police equipment*
- *12) up to November 2017*
- *13) from November 2017*
- *14) For models with auxiliary coolant heater*
- *15) For models with no Climatronic*
- *16) For models with start/stop system*
- *17) for models with supplementary heater*

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– Back to overview ⇒ page 1

1.6.5 Fuse assignment for fuse holder D -SD- :

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder D -SD1-	5 A	-	Two-way radio button -E76- - Front interior light (door contact) button -E459- - Ignition bypass button -E489- - Button for daytime running light switch-off -E652-	30
			5 A	-	Voltage supply relay 1 -J701- 1), 4) Voltage supply relay 2 -J710- 1), 4) ◆ Parking aid control unit -J446- 1), 4)	30
			15 A	-	Interior light switch (taxi) -E115- 5) - Taximeter -G41- 9) - Taxi alarm remote control, control unit -J601- 8) - Two-way radio -R8-	30
			20 A	-	All-wheel drive control unit -J492- 1), 3)	30
2	-	Fuse 2 on fuse holder D -SD2-	30 A	-	Special vehicle control unit -J608- 7)	30
3	-	Fuse 3 on fuse holder D -SD3-	15 A	-	Onboard charging unit -A11- 2) - Internet access control unit -J666-	30
			15 A	-	Alarm horn relay -J641- ◆ Treble horn -H2-	30
			30 A	-	Rear lid power opening control unit -J938- 1), 4)	30
4	-	Fuse 4 on fuse holder D -SD4-	10 A	-	Interior light relay -J602- ◆ Switch and instrument illumination regulator -E20-	30
			15 A	-	Alarm system relay 1 -J460- ◆ Onboard supply control unit -J519- (T73b/1) ◆ Front left headlight -MX1-	30
5	-	Fuse 5 on fuse holder D -SD5-	15 A	-	Alarm system relay 1 -J460- ◆ Onboard supply control unit -J519- (T73a/1) ◆ Front right headlight -MX2-	30
			15 A	-	Electronically controlled damping control unit -J250- 1)	30
6	-	Fuse 6 on fuse holder D -SD6-	15 A	-	Interface for external use 10-pin connector -T10bj/1-	56a
			25 A		10-pin connector -T10bj/1-	30
7	-	Fuse 7 on fuse holder D -SD7-	5 A	-	Interface for external use 10-pin connector -T10bh/4- - Interface for external use 10-pin connector -T10bh/5-	56b

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
			5 A	-	6-pin connector -T6bn/2-	56b
			5 A		Interior light switch (taxi) -E115- 8) Taxi sign switch -E138- 8)	30
8	-	Fuse 8 on fuse holder D -SD8-	5 A	-	Accident data memory -J754-	56b
			5 A	- -	Accident data memory -J754- 6-pin connector -T6bn/1-	56b
			15 A	-	Interface for external use 10-pin connector -T10bh/1- 5)	75x
9	-	Fuse 9 on fuse holder D -SD9-	10 A	- -	Relay 1 for ignition bypass -J903- Relay 2 for ignition bypass -J904-	30
			25 A	-	Interface for external use 6-pin connector -T6bn/3-	15
10	-	Fuse 10 on fuse holder D -SD10-	5 A	-	Interface for external use 10-pin connector -T10bh/2-	NSW
			5 A	-	10-pin connector -T10bj/3-	NSW
11	-	Fuse 11 on fuse holder D -SD11-	10 A	-	Accident data memory -J754-	56a
			15 A	- -	Accident data memory -J754- 10-pin connector -T10bj/5-	56a
			15 A	-	Interface for external use 10-pin connector -T10bh/8-	56a
			15 A	- - -	Accident data memory -J754- 6) Interface for external use 10-pin connector -T10bh/8- 6) Interface for external use 10-pin connector -T10bj/5- 6)	56a
12	-	Fuse 12 on fuse holder D -SD12-	3 A	-	10-pin connector -T10bj/9-	58d
			3 A	-	Interface for external use 10-pin connector -T10bh/7-	58d

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Note

- 1) *Only right-hand drive models (L0R)*
- 2) *Only models with camping equipment (A8L/A8R)*
- 3) *Valid until January 2016*
- 4) *Valid from January 2016*
- 5) *Valid up to June 2016*
- 6) *Valid from June 2016*
- 7) *Only models with no special police equipment*
- 8) *applicable up to November 2017*
- 9) *applicable up to November 2017*

– Back to overview ⇒ page 1

1.6.6 Fuse assignment for fuse holder F -SF- :

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 in fuse holder F -SF1-	20 A	-	All-wheel drive control unit -J492- 1)	30
				-	All-wheel drive control unit -J492- 2) , 5)	
2	-	Fuse 2 in fuse holder F -SF2-	5 A 6) 10 A7)	-	Interior light relay -J602- 3) ◆ Switch and instrument illumination regulator -E20- 3)	30
3	-	Fuse 3 in fuse holder F -SF3-	30 A	-	Driver seat adjustment control unit -J810- 1)	30
				-	Switch module for front passenger seat -E664- 2) ◆ Front passenger seat longitudinal adjustment motor -V31- 2) ◆ Front passenger seat front height adjustment motor -V32- 2) ◆ Front passenger seat rear height adjustment motor -V33- 2) ◆ Front passenger seat backrest adjustment motor -V46- 2)	
4	-	Fuse 4 in fuse holder F -SF4-	-	-	Not assigned 9)	-

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
			5 A	-	Emergency call module control unit and communication unit -J949- [10]	30
5	-	Fuse 5 in fuse holder F -SF5-	15 A	-	Electronically controlled damping control unit -J250- [1]	30
6	-	Fuse 6 in fuse holder F -SF6-	30 A	- -	Driver seat adjustment control unit -J810- [2] Switch module for front passenger seat -E664- [1] ◆ Front passenger seat longitudinal adjustment motor -V31- [1] ◆ Front passenger seat front height adjustment motor -V32- [1] ◆ Front passenger seat rear height adjustment motor -V33- [1] ◆ Front passenger seat backrest adjustment motor -V46- [1]	30
7	-	Fuse 7 in fuse holder F -SF7-	-	-	Not assigned [6]	-
			5 A	-	Accident data memory -J754- [7], [8]	30
8	-	Fuse 8 in fuse holder F -SF8-	-	-	not assigned	-
9	-	Fuse 9 in fuse holder F -SF9-	5 A	-	Diagnosis wire relay -J1069- [4]	30
			5 A	-	Voltage supply relay 1 -J701- [1], [5] Voltage supply relay 2 -J710- [1], [5] ◆ Parking aid control unit -J446- [1], [5]	30
10	-	Fuse 10 in fuse holder F -SF10-	30 A	-	Rear lid power opening control unit -J938- [1], [5]	30
11	-	Fuse 11 in fuse holder F -SF11-	-	-	Not assigned [11]	-
			20 A	-	12 V socket 6 -U33- [12], [13]	30
12	-	Fuse 12 in fuse holder F -SF12-	-	-	not assigned	-

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Note

- *1) Only right-hand drive models (L0L)*
- *2) Only right-hand drive models (L0R)*
- *3) Only models with ambient lighting, version 2*
- *4) Only models with LED headlights*
- *5) Valid from January 2016*
- *6) Valid up to June 2016*
- *7) Valid from June 2016*
- *8) Only models with no special police equipment*
- *9) applicable up to November 2016*
- *10) applicable from November 2016*
- *11) applicable up to November 2017*
- *12) applicable from November 2017*
- *13) For models with no second battery*

– Back to overview ⇒ page 1

1.7 Fuse holder H -SH-

1.7.1 Fitting location:

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A - Fuse and relay holder

- under the left seat box

Fuse colours

40 A - blue

30 A - green

25 A - white

20 A - yellow

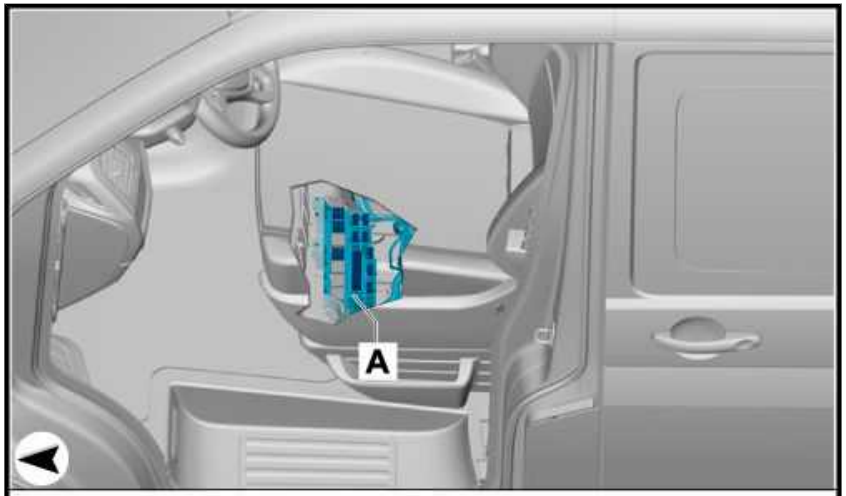
15 A - blue

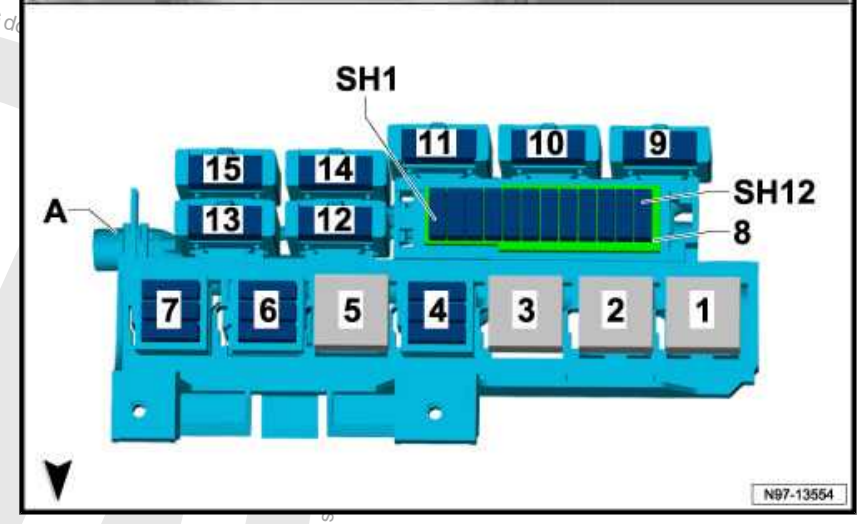
10 A - red

7.5 A - brown

5 A - beige

3 A - purple





1.7.2 Fuse assignment for -S131- , -S132- , -S133- and -SH1- to -SH30- :

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1) .1	-	Fuse 1 -S131-	10 A	-	Right interior light -W17- 2) , 6)	30
				-	Rear right interior light -W48- 2) , 6)	
				-	Kitchenette light 1 -W57- 2)	
				-	Kitchenette light 3 -W59- 2)	

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1) .2	-	Fuse 2 -S132-	15 A	-	12 V socket -U5- 2) , 6)	30
1) .3	-	Fuse 3 -S133-	15 A	-	12 V socket 5 -U26- 2) , 6)	30
				-	Kitchenette light 2 -W58- 2) , 6)	
				-	Front left reading light -W65- 2) , 6)	
4.1	-	Fuse 13 in fuse holder H -SH13-	7.5 A	-	Climatronic control unit -J255- 9) , 10) , 12)	30
			30 A	-	Auxiliary heater relay -J8- 9) , 11) , 14)	30
					◆ Fresh air blower series resistor with overheating fuse -N24- 9) , 11) , 14)	
			30 A	-	Auxiliary heater relay -J8- 9) , 11) , 13) , 15)	30
					◆ Fresh air blower series resistor with overheating fuse -N24- 9) , 11) , 13) , 15)	
4.2	-	Fuse 14 in fuse holder H -SH14-	-	-	not assigned	-
4.3	-	Fuse 15 in fuse holder H -SH15-	30 A	-	Trailer voltage supply relay -J941-	30
					◆ Trailer socket -U10-	
5.1	-	Fuse 22 in fuse holder H -SH22-	-	-	not assigned	-
5.2	-	Fuse 23 in fuse holder H -SH23-	-	-	not assigned	-
5.3	-	Fuse 24 in fuse holder H -SH24-	-	-	not assigned	-
6.1	-	Fuse 16 in fuse holder H -SH16-	30 A	-	Onboard charging unit -A11- 3)	30
					Light control relay -J73- 3) , 6)	
					◆ kitchenette light 4 -W121- 3) , 6)	
6.2	-	Fuse 17 in fuse holder H -SH17-	30 A	-	Roof hydraulics control unit -J768-	30
6.3	-	Fuse 18 in fuse holder H -SH18-	10 A	-	Rear right reading light -W12- 3)	30
				-	Right interior light -W17- 3)	
				-	Rear right interior light -W48- 3)	
				-	Kitchenette light 1 -W57- 3)	
				-	Kitchenette light 2 -W58- 3)	
				-	Kitchenette light 3 -W59- 3)	
7.1	-	Fuse 19 in fuse holder H -SH19-	10 A	-	Refrigerator box -J698- 3)	30
7.2	-	Fuse 20 in fuse holder H -SH20-	5 A	-	Water pump switch for shower -E134- 3)	30
				-	Water pump switch -E80- 3)	
					◆ Coolant pump -V36- 3)	
7.3	-	Fuse 21 in fuse holder H -SH21-	5 A	-	Operating and display unit for camping equipment -E153- 3)	30
8.1	-	Fuse 1 in fuse holder H -SH1-	15 A	-	12 V socket 2 -U18-	30

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
8.2	-	Fuse 2 in fuse holder H -SH2-	15 A	-	Onboard charging unit -A11- 2)	30
			15 A	- -	Map reading light bulb -L34- 3) 12 V socket -U5- 3)	30
			15 A	-	12 V socket 3 -U19- 4)	30
8.3	-	Fuse 3 in fuse holder H -SH3-	10 A	- - -	Switch-over relay 1 for roof ventilator -J180- Switch for roof ventilator to ventilate load area -E534- Switch for roof ventilator to extract air from load area -E535-	30
			15 A	-	12 V socket 4 -U20-	30
8.4	-	Fuse 4 in fuse holder H -SH4-	15 A	-	Trailer detector control unit -J345-	30
8.5	-	Fuse 5 in fuse holder H -SH5-	20 A	-	Trailer detector control unit -J345-	30
8.6	-	Fuse 6 in fuse holder H -SH6-	20 A	-	Trailer detector control unit -J345-	30
8.7	-	Fuse 7 in fuse holder H -SH7-	10 A	-	End position button for cupboard light -E905- 3) , 6) ◆ Cupboard light -W120- 3) , 6) Reading light relay -J91- 2) , 3) , 6) ◆ Left luggage compartment light -W18- 3) , 6) ◆ Rear lid light -W51- 2) , 3) , 6) ◆ Interior light -W64- 2) , 3) , 6) ◆ Front left reading light -W65- 2) , 3) , 6) ◆ Front right reading light -W66- 2) , 3) , 6) ◆ Rear lid light 2 -W101- 2) , 3) , 6) ◆ Kitchen background lighting -W122- 3) , 6)	30
			15 A	-	10-pin connector -T10cb/6-	30
8.8	-	Fuse 8 in fuse holder H -SH8-	-	-	not assigned	-
8.9	-	Fuse 9 in fuse holder H -SH9-	5 A	-	Electric torch -R280-	30
8.10	-	Fuse 10 in fuse holder H -SH10-	15 A	-	12 V socket -U5- 5)	30
			30 A	- -	DC/AC converter with socket, 12 V - 230 V -U13- 2) DC/AC converter with socket, 12 V - 115 V -U27- 2)	30
8.11	-	Fuse 11 in fuse holder H -SH11-	20 A	-	Auxiliary heater control unit -J364- 9) , 14)	30
			20 A	-	Auxiliary heater control unit -J364- 9) , 13) , 15)	30
			25 A	-	Auxiliary air heater control unit -J604- 8)	30

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
8.12	-	Fuse 12 in fuse holder H -SH12-	15 A	-	Driver seat lumbar support adjustment switch -E176- - Front passenger seat lumbar support adjustment switch -E177-	30
7)	-	Fuse 25 in fuse holder H -SH25-	40 A	-	Right sliding door control unit -J731-	30
7)	-	Fuse 26 in fuse holder H -SH26-	80 A	-	Second battery -A1-	30
7)	-	Fuse 27 in fuse holder H -SH27-	40 A	-	Left sliding door control unit -J558-	30
7)	-	Fuse 28 in fuse holder H -SH28-	30 A	-	Onboard charging unit -A11- 2)	30
7)	-	Fuse 29 in fuse holder H -SH29-	40 A	-	Sender for front Bitron blower regulation -G462- 9), 10) ◆ Fresh air blower -V2- 9), 10)	30
7)	-	Fuse 30 in fuse holder H -SH30-	40 A	-	Interface for external use 6-pin connector -T6bn/4-	30

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Note

- *1) Fuse location depends on equipment level, locations 1 to 7*
- *2) Only models with camping equipment (A9A)*
- *3) Only models with camping equipment (A8L/A8R)*
- *4) Only models with no camping equipment*
- *5) Only models with refrigerator box and with no camping equipment*
- *6) According to equipment*
- *7) Fuse location depends on equipment level, locations 9 to 15*
- *8) For models with auxiliary air heater*
- *9) For models with auxiliary coolant heater*
- *10) For models with Climatronic*
- *11) For models with no Climatronic*
- *12) For models with start/stop system*
- *13) For models with no start/stop system*
- *14) up to November 2017*
- *15) from November 2017*

– Back to overview ⇒ page 1

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1.8 Fuse holder J -SJ- for special equipment

1.8.1 Fuse assignment for -SJ1- to -SJ9- :

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
7	-	Fuse 1 on fuse holder J -SJ1-	30 A	-	Contact 86s relay -J629- 2) ◆ Wiring junction -TV1- 2)	30
	-	Fuse 2 on fuse holder J -SJ2-	30 A	-	Terminal 75x voltage supply relay -J694- 2) ◆ Wiring junction -TV1- 2)	30
	-	Fuse 3 on fuse holder J -SJ3-	30 A	-	Switch illumination relay -J141- 2) ◆ Wiring junction -TV1- 2)	30
7 4)	-	Fuse 4 on fuse holder J -SJ4-	10 A	-	Multimedia system display unit 1 -Y22- 1)	30
	-	Fuse 5 on fuse holder J -SJ5-	5 A	-	Multimedia system display unit 1 -Y22- 1)	86s
	-	Fuse 6 on fuse holder J -SJ6-	-	-	not assigned	-
7 4)	-	Fuse 7 on fuse holder J -SJ7-	30 A	-	Fuse 2 on fuse holder K -SK2- 3) Current supply relay -J16- 3) ◆ Fuse 3 on fuse holder K -SK3- 3)	30
	-	Fuse 8 on fuse holder J -SJ8-	-	-	not assigned	-
	-	Fuse 9 on fuse holder J -SJ9-	-	-	not assigned	-

Note

- *1) only models with Rear Seat Entertainment (15.4 inches)*
- *2) only models with adjustable rear seat (business)*
- *3) only models with Rear Seat Entertainment (10.2 inches)*
- *4) only models with adjustable rear seat (business) avoid position 6*

– Back to overview ⇒ page 1

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1.9 Fuse 31 in fuse holder H -SH31-

1.9.1 Fitting location:

A - Coupling point in interior, left -TIL-

- under the left seat box

Fuse colours

40 A - blue

30 A - green

25 A - white

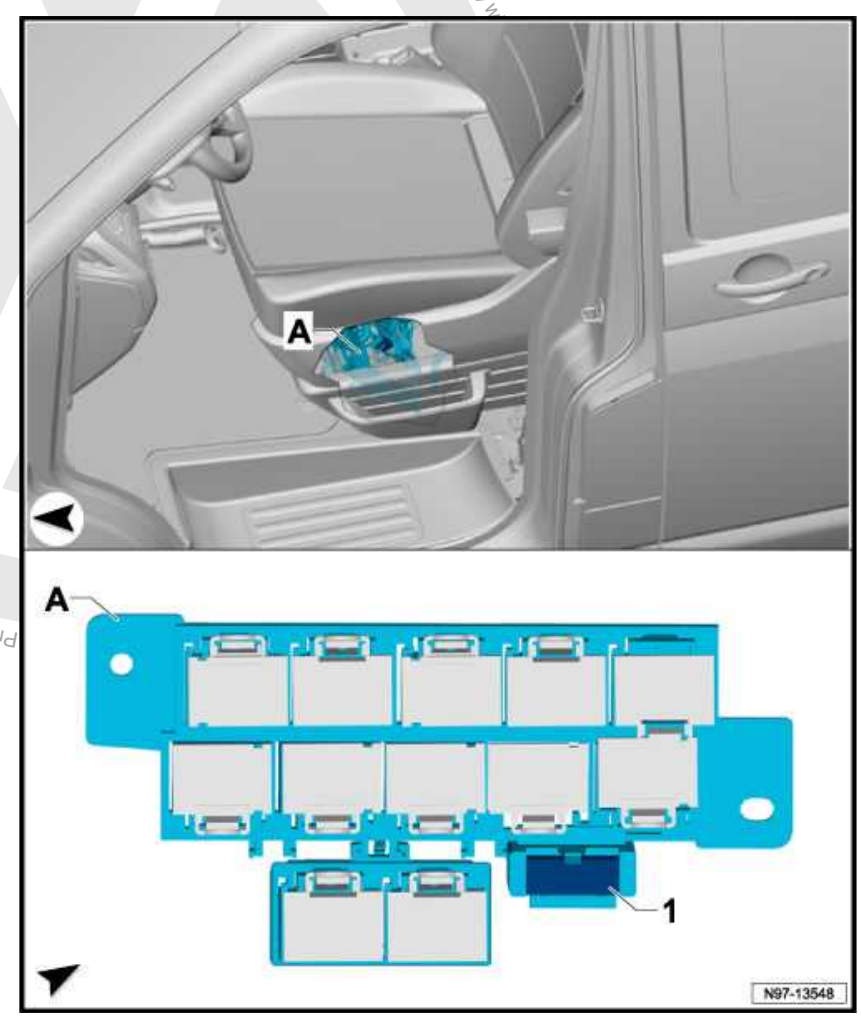
20 A - yellow

15 A - blue

10 A - red

7.5 A - brown

5 A - beige



1.9.2 Fuse assignment:

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 31 in fuse holder H -SH31-	15 A	-	12 V socket 6 -U33- 1)	30
			15 A	-	12 V socket 6 -U33- 2) , 3)	30

Note

- *1) up to November 2015*
- *2) from November 2015*
- *3) Only models with second battery*

– Back to overview ⇒ page 1

1.10 Fuse holder H -SH- (-SH35- to -SH50-)

1.10.1 Fitting location:

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A - Fuse and relay holder

- under the left seat box

Fuse colours

40 A - blue

30 A - green

25 A - white

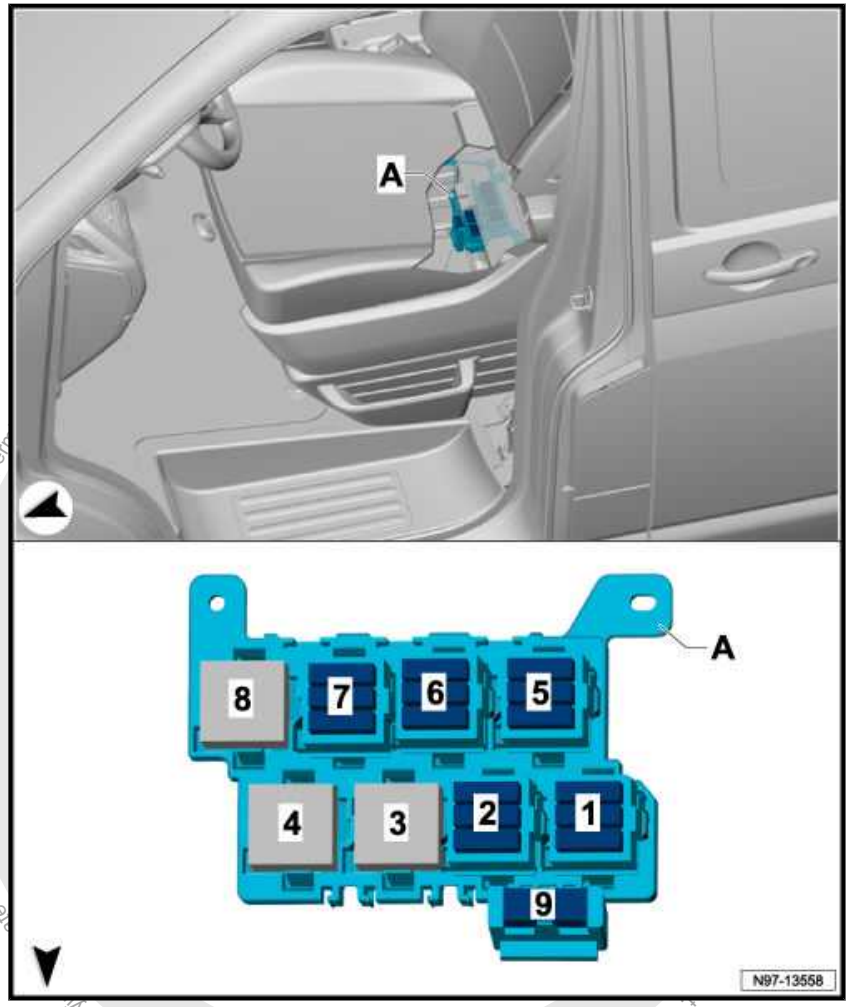
20 A - yellow

15 A - blue

10 A - red

7.5 A - brown

5 A - beige



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1.10.2 Fuse assignment for special vehicles (IS4):

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 35 in fuse holder H -SH35-	15 A	-	2-pin connector -T2bj-	30
	-	Fuse 36 in fuse holder H -SH36-	15 A	-	2-pin connector -T2bh-	30
	-	Fuse 37 in fuse holder H -SH37-	15 A	-	6-pin connector -T6ce-	30
2	-	Fuse 38 in fuse holder H -SH38-	20 A	-	4-pin connector -T4au-	30

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
	-	Fuse 39 in fuse holder H -SH39-	15 A	-	2-pin connector -T2bl- - 4-pin connector -T4au-	30
	-	Fuse 40 in fuse holder H -SH40-	15 A	-	2-pin connector -T2bg-	30
5	-	Fuse 41 in fuse holder H -SH41-	10 A	-	Rotating light relay -J326-	30
	-	Fuse 42 in fuse holder H -SH42-	15 A	-	Interior light relay -J602- - 3-pin connector -T3aj- - 3-pin connector -T3ak- - 3-pin connector -T3al- - 3-pin connector -T3am- - 3-pin connector -T3an- - 6-pin connector -T6ce-	30
	-	Fuse 43 in fuse holder H -SH43-	10 A	-	Flashing lights relay -J630- - Flashing lights relay 2 -J890- - 4-pin connector -T4ap- - 8-pin connector -T8ah- - Rear left reading light 2 -W78- - Rear right reading light 2 -W79-	30
6	-	Fuse 44 in fuse holder H -SH44-	5 A	-	Accident data memory -J754-	30
	-	Fuse 45 in fuse holder H -SH45-	7.5 A	-	4-pin connector -T4aq-	30
	-	Fuse 46 in fuse holder H -SH46-	7.5 A	-	4-pin connector -T4ao-	30
7	-	Fuse 47 in fuse holder H -SH47-	15 A	-	Terminal 75 voltage supply relay 1 -J680-	30
	-	Fuse 48 in fuse holder H -SH48-	30 A	-	Special vehicle control unit -J608-	30
	-	Fuse 49 in fuse holder H -SH49-	15 A	-	Two-way radio voltage relay -J84-	30
9	-	Fuse 50 in fuse holder H -SH50-	-	-	not assigned	-

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– Back to overview ⇒ page 1

1.10.3 Fuse assignment for special vehicles (IS5):

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 35 in fuse holder H -SH35-	10 A	-	10-pin connector -T10bz-	30
	-	Fuse 36 in fuse holder H -SH36-	25 A	-	Control unit for ignition bypass -J905-	30
	-	Fuse 37 in fuse holder H -SH37-	15 A	-	Relay 1 for ignition bypass -J903-	30
2	-	Fuse 38 in fuse holder H -SH38-	-	-	not assigned	-
	-	Fuse 39 in fuse holder H -SH39-	-	-	not assigned	-
	-	Fuse 40 in fuse holder H -SH40-	-	-	not assigned	-

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
5	-	Fuse 41 in fuse holder H -SH41-	10 A	-	8-pin connector -T8ah-	30
	-	Fuse 42 in fuse holder H -SH42-	10 A	-	6-pin connector -T6ck-	30
	-	Fuse 43 in fuse holder H -SH43-	10 A	-	Flashing lights relay -J630- - Flashing lights relay 2 -J890- - Flashing lights relay 3 -J900- - Flashing lights relay 4 -J901-	30
6	-	Fuse 44 in fuse holder H -SH44-	5 A	-	Accident data memory -J754-	30
	-	Fuse 45 in fuse holder H -SH45-	25 A	-	6-pin connector -T6cb-	30
	-	Fuse 46 in fuse holder H -SH46-	15 A	-	2-pin connector -T2bu- - 4-pin connector -T4at-	30
7	-	Fuse 47 in fuse holder H -SH47-	15 A	-	Terminal 75 voltage supply relay 1 -J680-	30
	-	Fuse 48 in fuse holder H -SH48-	10 A	-	2-pin connector -T2bv-	30
	-	Fuse 49 in fuse holder H -SH49-	-	-	not assigned	-
9	-	Fuse 50 in fuse holder H -SH50-	40 A	-	6-pin connector -T6cj-	30

– Back to overview ⇒ page 1

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1 - Fitting locations: Relays

1.1 Overview of relay carriers

1 - Relay carrier behind dash panel, centre

- Fitting location and relay assignment in left-hand drive vehicles (L0L): ⇒ page 5
- Fitting location and relay assignment in right-hand drive vehicles (L0R) ⇒ page 6

2 - Relay carrier in the right seat box

- Fitting location and relay assignment for taxi and police special equipment (IS4) ⇒ page 10
- Fitting location and relay assignment for Rear Seat Entertainment (10.2 inches) ⇒ page 11

3 - Second battery charging circuit relay -J713-

- The second battery charging circuit relay -J713- is screwed to the seat box.

4 - Relay carrier in the left seat box, for police special equipment

- Fitting location and relay assignment for Police special equipment (IS4) ⇒ page 7
- Fitting location and relay assignment for Police special equipment (IS5) ⇒ page 8

5 - Relay carrier on left in seat box

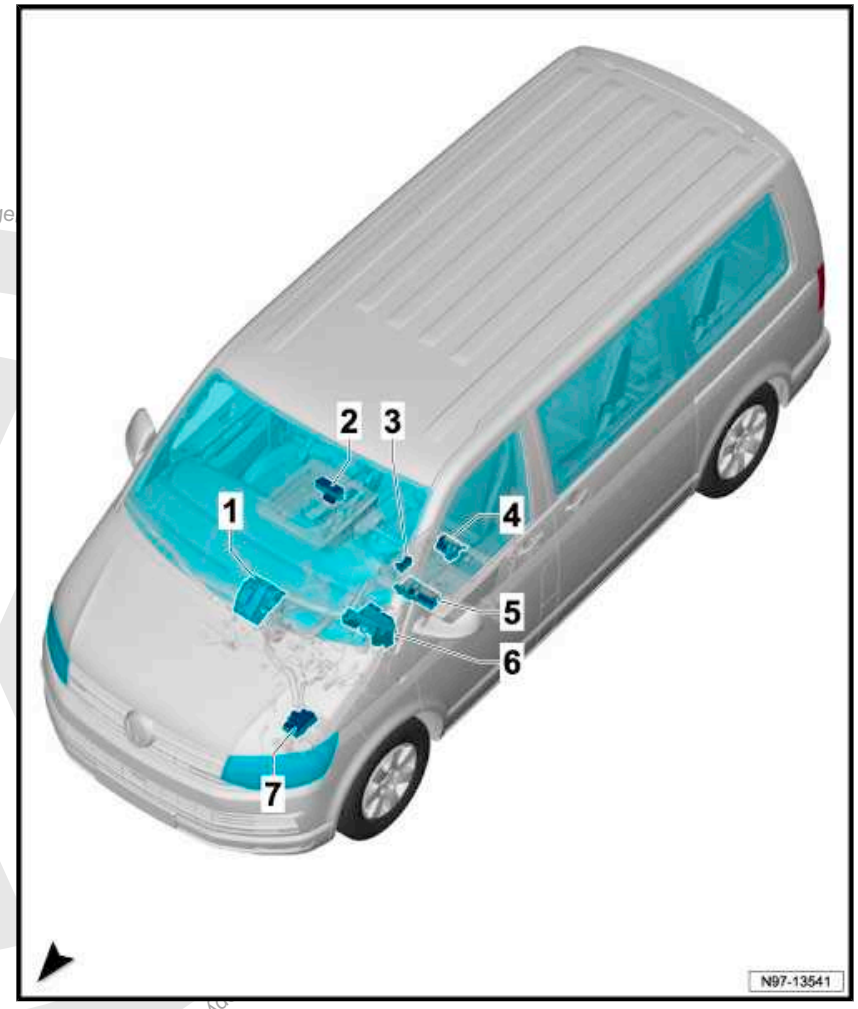
- Fitting location and relay assignment ⇒ page 9

6 - Relay carrier behind dash panel, left or right

- Fitting location and relay assignment in left-hand drive vehicles (L0L) ⇒ page 3
- Fitting location and relay assignment in right-hand drive vehicles (L0R) ⇒ page 4

7 - Relay carrier in engine compartment

- Fitting location and relay assignment ⇒ page 2



Note

Illustration is of a left-hand drive vehicle (L0L).

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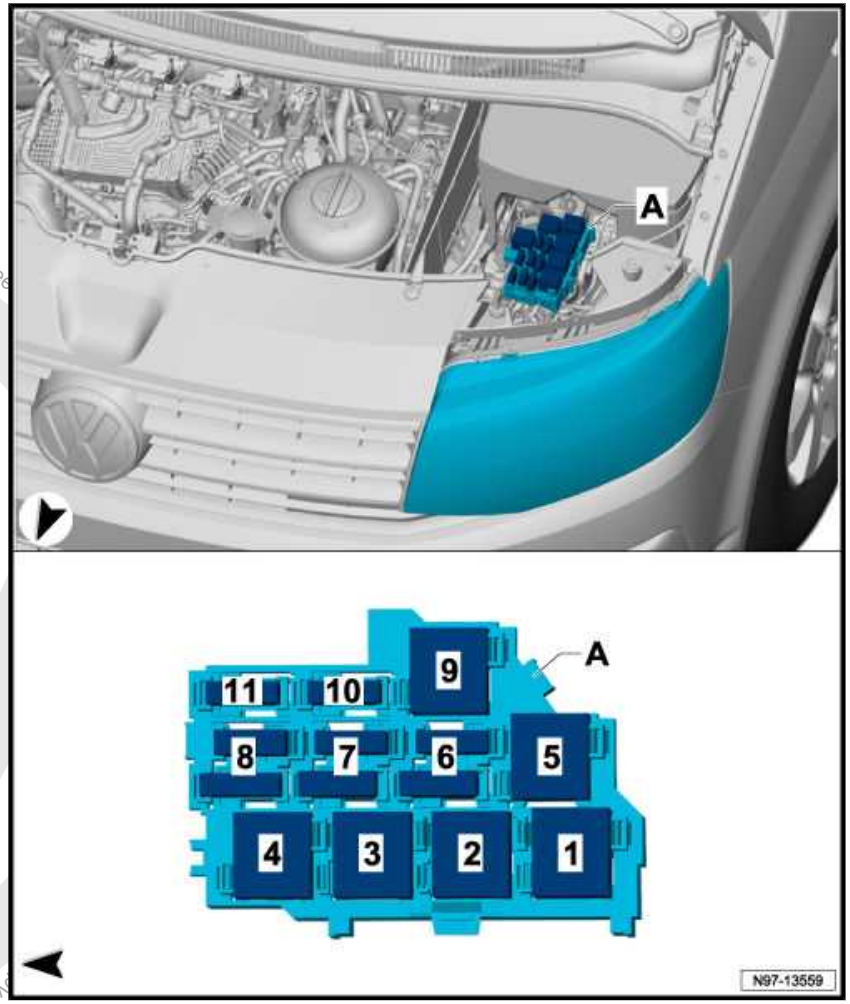
1.2 Relay carrier in engine compartment

1 - Automatic glow period control unit -J179- (510/ 512) [1)]
1a - Fuel shut-off valve switch-off relay -J335- (646) [2)]
1b - Coolant pump relay -J235- (646) [2)]
2 - Starter relay 2 -J907- (507)
3 - Power steering control unit -J500- (503/535)
4 - Heated windscreen relay -J47- (644)
5 - Terminal 30 voltage supply relay -J317- (645)
6 - Starter inhibitor relay -J207- (646)
7a - Electric fuel pump 2 relay -J49- (646) [1)]
7b - Coolant shut-off valve relay -J541- (646)
8a - Auxiliary Engine Coolant Pump Relay -J496- (646)
8b - Fuel pump relay -J17- (646)
9 - Starter relay 1 -J906- (645)
10 - not assigned
11 - Relay for reducing agent metering system -J963- (646)



Note

- *[1)] Only for Diesel engine*
- *[2)] Only for petrol engine*

– Back to overview ⇒ page 1

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1.3 Relay carrier behind dash panel, left or right

1.3.1 Relay carrier behind dash panel, left, left-hand drive (L0L)

A - Fuse and relay carrier [1)]

1 - not assigned

2a - Interior light relay -J602- (646)

2b - not assigned

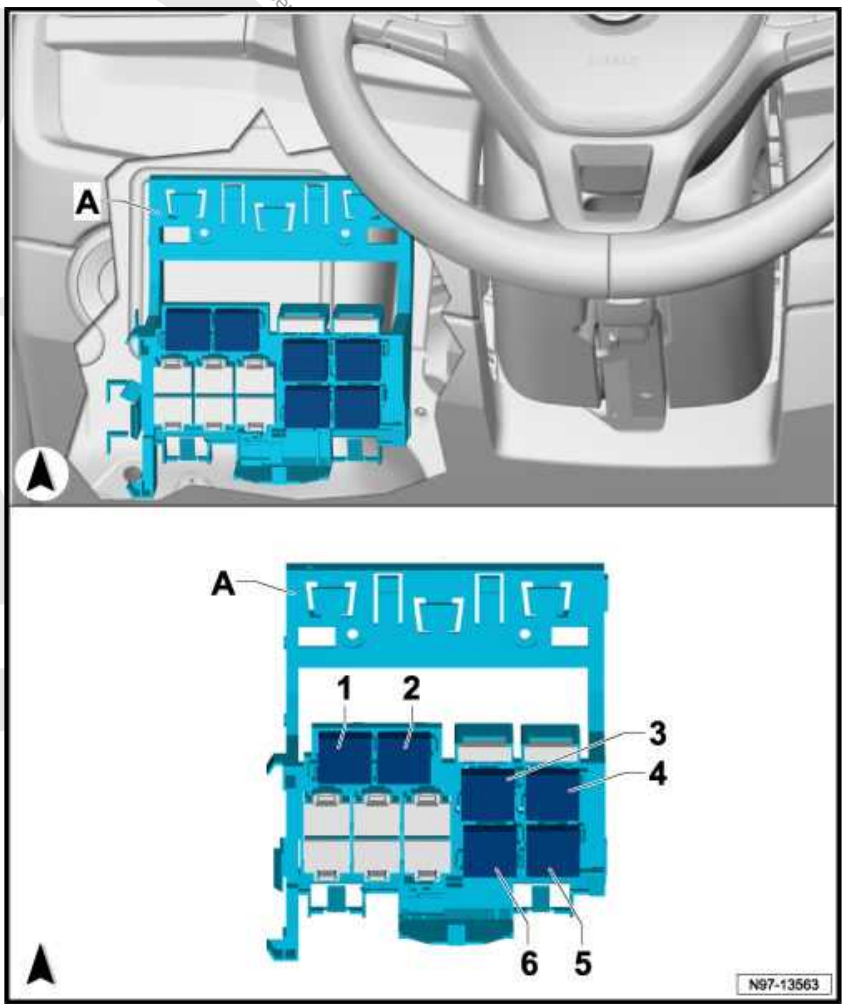
3a - Residual heat relay -J708- (646)

3b - Auxiliary heater relay -J8- (646)

4 - Headlight washer system relay -J39- (646)

5 - Isolation relay for powertrain CAN bus -J788- (524)

6 - Auxiliary coolant heater relay -J493- (645)



Note

[1)] Only left-hand drive models (L0L)

– Back to overview ⇒ page 1

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1.3.2 Relay carrier behind dash panel, right, right-hand drive (L0R)

A - Fuse and relay carrier [1)]

1 - not assigned

2a - Interior light relay -J602- (646)

2b - not assigned

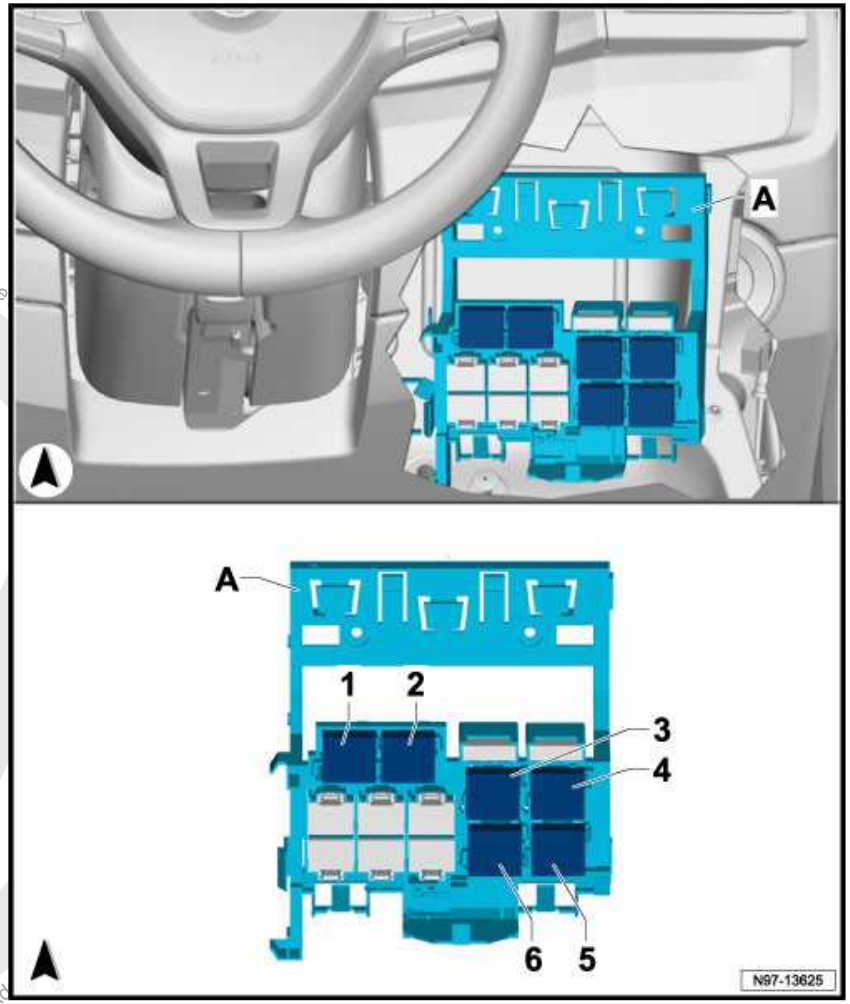
3a - Residual heat relay -J708- (646)

3b - Auxiliary heater relay -J8- (646)

4 - Headlight washer system relay -J39- (646)

5 - Isolation relay for powertrain CAN bus -J788- (524)

6 - Auxiliary coolant heater relay -J493- (645)



Note

[1)] Only right-hand drive models (L0R)

– Back to overview ⇒ page 1

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1.4 Relay carrier behind dash panel, centre

1.4.1 Relay carrier behind dash panel, centre, left-hand drive (L0L)

A - Fuse and relay carrier [1)]

1 - X-contact relief relay -J59- (644)

2 - Diagnosis wire relay -J1069- (524)

2a - Voltage supply relay 1 -J701- (646)

2b - Voltage supply relay 2 -J710- (646)

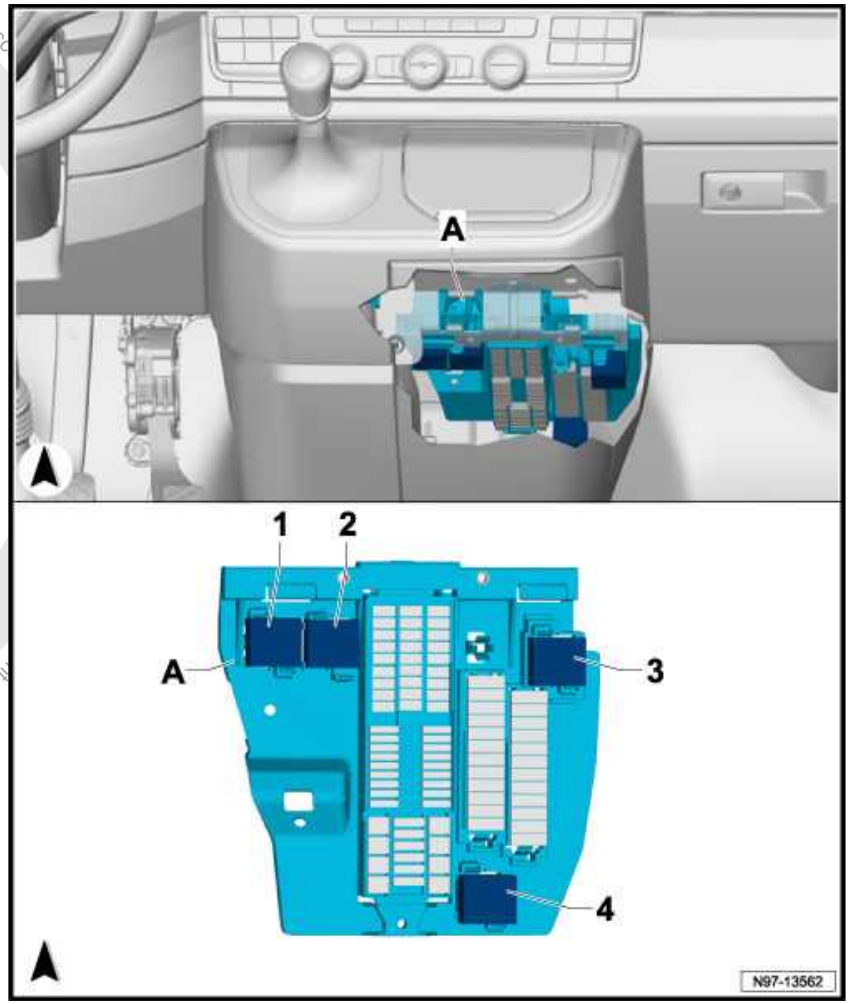
3 - Fresh air blower isolation relay -J487- (645)

4 - Terminal 15 voltage supply relay -J329- (645)

Note

1) Only left-hand drive models (L0L)

– Back to overview ⇒ page 1



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1.4.2 Relay carrier behind dash panel, centre, right-hand drive (L0R)

A - Fuse and relay carrier [1)]

1 - Fresh air blower isolation relay -J487- (645)

2 - X-contact relief relay -J59- (644)

3 - Diagnosis wire relay -J1069- (524)

3a - Voltage supply relay 1 -J701- (646)

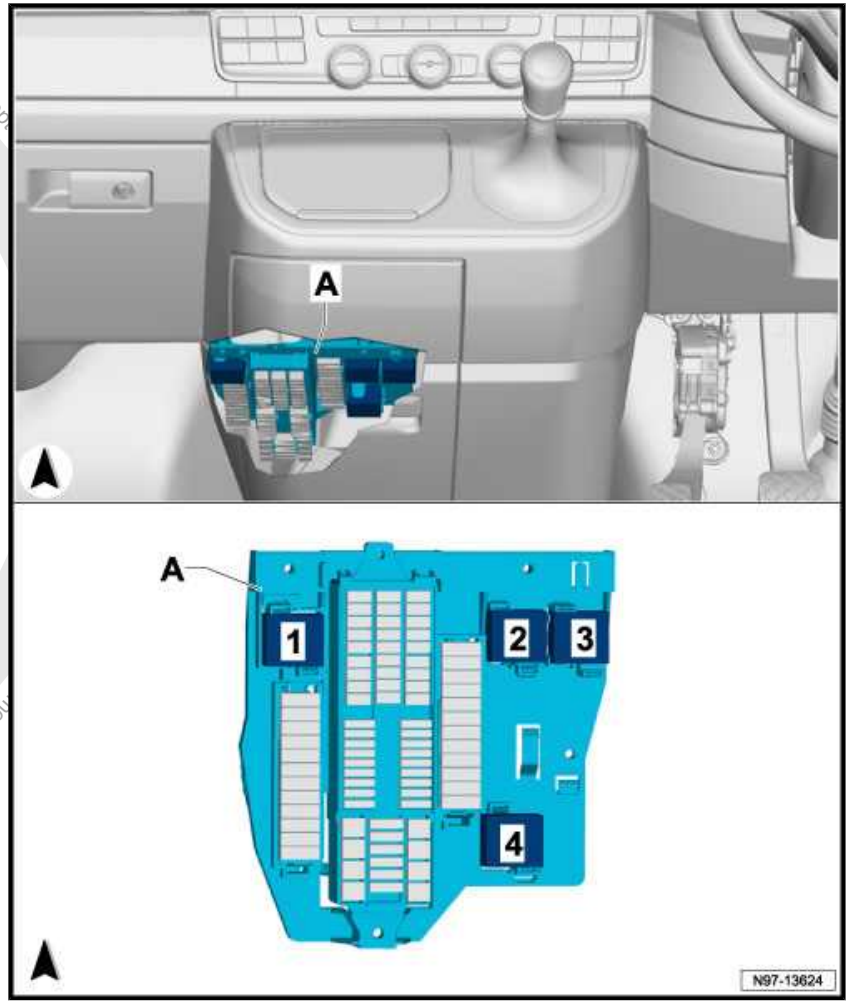
3b - Voltage supply relay 2 -J710- (646)

4 - Terminal 15 voltage supply relay -J329- (645)

Note

1) Only right-hand drive models (L0R)

– Back to overview ⇒ page 1



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1.5 Relay carrier in the left seat box, for police special equipment

1.5.1 Relay carrier for Police special equipment (IS4)

A - Fuse and relay holder

1 - not assigned

2 - not assigned

3a - Interior light switch-off delay control unit -J140-

3b - Flashing lights relay 2 -J890-

4a - Rotating light relay -J326-

4b - Flashing lights relay -J630-

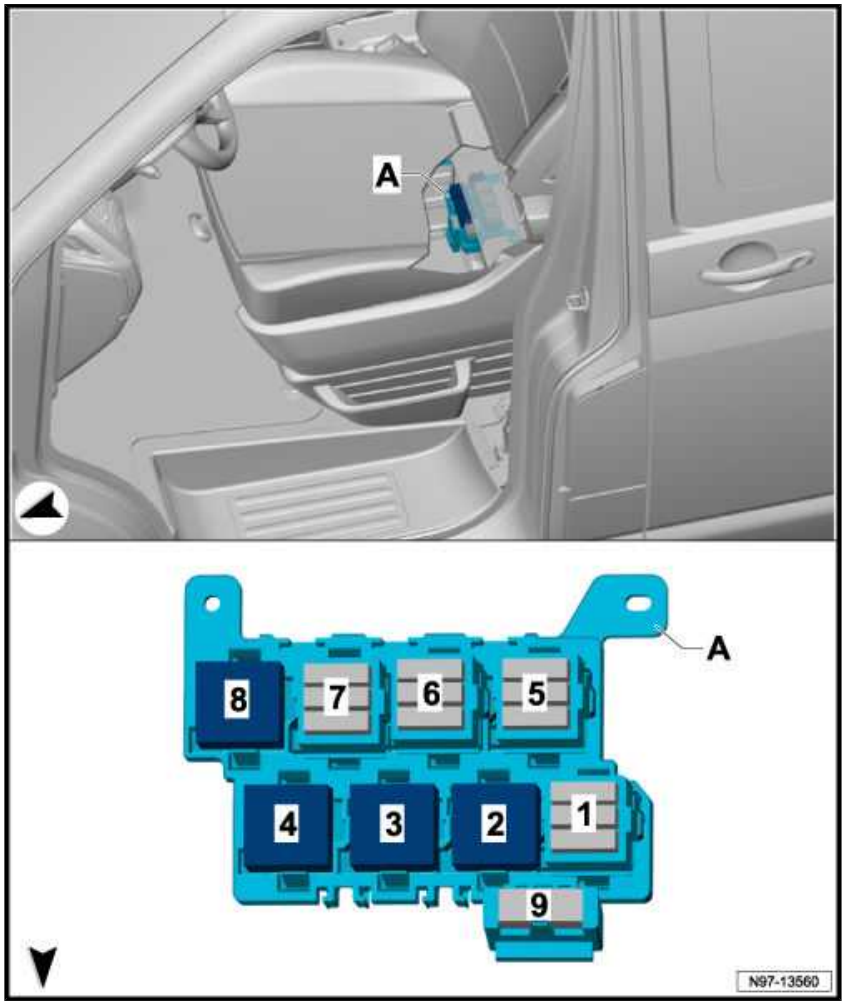
5 - not assigned

6 - not assigned

7 - not assigned

8 - Two-way radio voltage relay -J84-

– Back to overview ⇒ page 1



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1.5.2 Relay carrier for Police special equipment (IS5)

A - Fuse and relay holder

1 - not assigned

2 - not assigned

3 - Relay 2 for ignition bypass -J904-

4 - Horn relay -J413- (79)

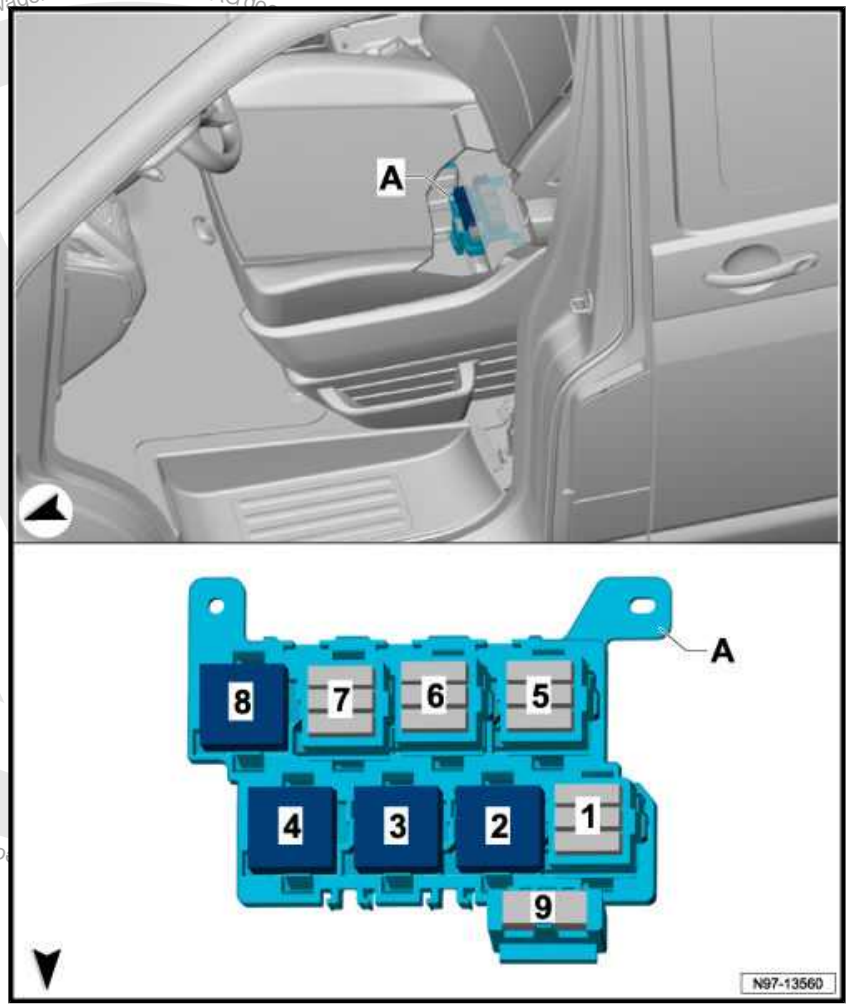
5 - not assigned

6 - not assigned

7 - not assigned

8 - Terminal 75 voltage supply relay 1 -J680-

– Back to overview ⇒ page 1



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1.6 Relay carrier on left in seat box

A - Fuse and relay holder

1 - Switch-over relay 1 for roof ventilator -J180- (504)

2 - Differential lock control unit -J187- (509)

3 - Alarm system relay 1 -J460- (114)

4 - not assigned

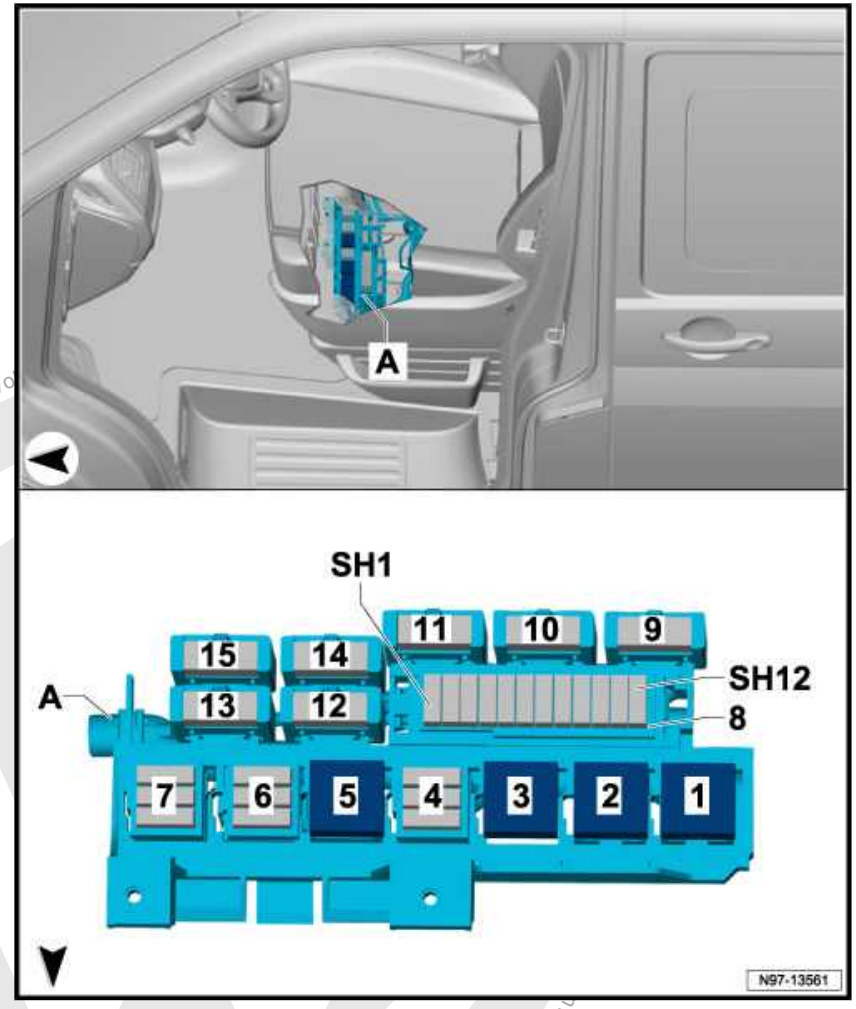
5 - Trailer voltage supply relay -J941- (643)

6 - Battery isolation relay -J7- (100) [1)]

7 - Rotating light relay -J326- (406/486) [2)]

- Taxi alarm remote control, control unit -J601-

- Terminal 75 voltage supply relay 1 -J680- [3)]



Note

- *[1)] For models with second battery only -A1-*
- *[2)] Not for models with special police equipment (IS4)*
- *[3)] Only models with special police equipment (IS4)*

– Back to overview ⇒ page 1

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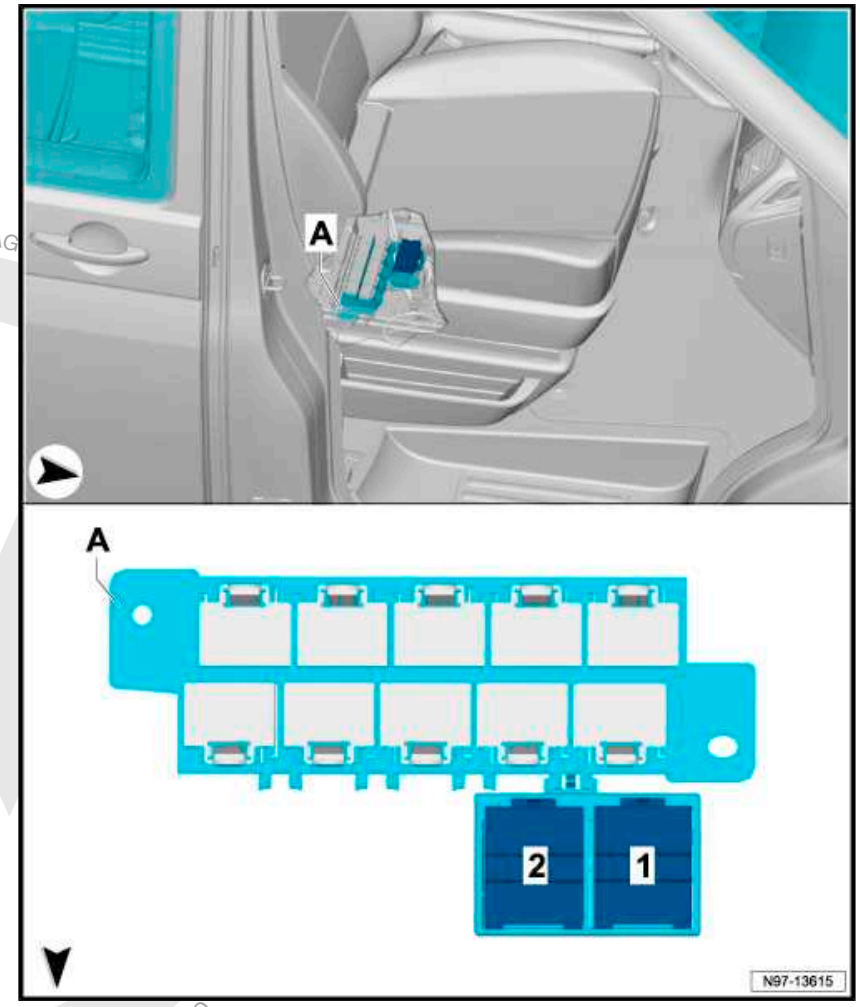
1.7 Relay carrier in the right seat box

1.7.1 Fitting location and relay assignment for taxi and police special equipment (IS4)

A - Relay holder

1 - Alarm horn relay -J641- (643) [2] or Relay 2 for ignition bypass -J904- (643) [1]

2 - Relay 1 for ignition bypass -J903- (643) [1]



Note

- [1] *Only models with special police equipment (IS4)*
- [2] *Only models with taxi special equipment*

– Back to overview ⇒ page 1

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1.7.2 Relay carrier for Rear Seat Entertainment (10.2 inches)

A - Relay holder

1 - not assigned

2 - see fitting locations, Fuse assignment

3 - not assigned

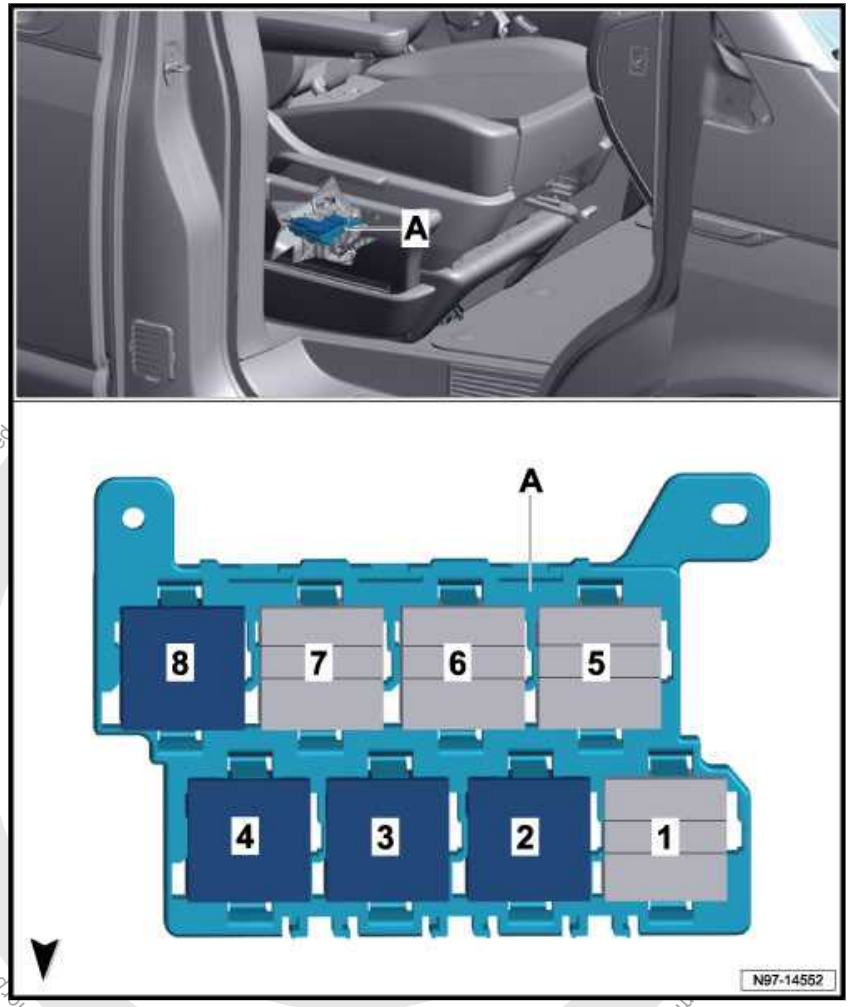
4 - not assigned

5 - not assigned

6 - Current supply relay -J16- [1)]

7 - not assigned

8 - not assigned



Note

[1)] only models with Rear Seat Entertainment (10.2 inches)

– Back to overview ⇒ page 1

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1 Control units in front part of vehicle

1 - Output module 1 for right LED headlight -A27- , Output module for right headlight -J668- Fitting location: ⇒ page 2

2 - Battery monitor control unit -J367- Fitting location: ⇒ page 3

3 - ABS control unit -J104- Fitting location: ⇒ page 4

4 - Output module 1 for left LED headlight -A31- , Output module for left headlight -J667- Fitting location: ⇒ page 5

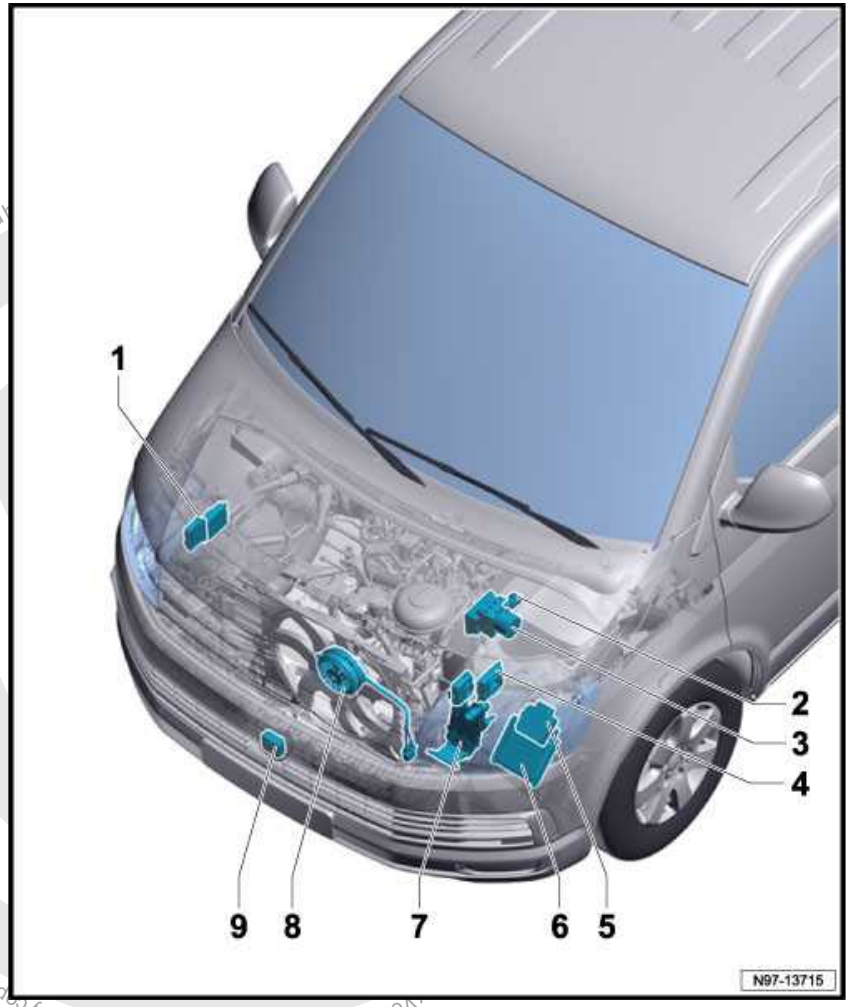
5 - Voltage stabiliser -J532- Fitting location: ⇒ page 6

6 - Engine control unit -J623- Fitting location: ⇒ page 7

7 - Mechatronic unit for dual clutch gearbox -J743- Fitting location: ⇒ page 8

8 - Radiator fan control unit -J293- Fitting location: ⇒ page 9

9 - Adaptive cruise control unit -J428- Fitting location: ⇒ page 10



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1.1 Output module 1 for right LED headlight -A27- , Output module for right headlight -J668-

1.1.1 Fitting location:

on front right headlight -MX2-

A - Front right headlight -MX2-

A1 - 14-pin connector -T14c- , black

B - Output module 1 for right LED headlight -A27-

C - Output module for right headlight -J668-

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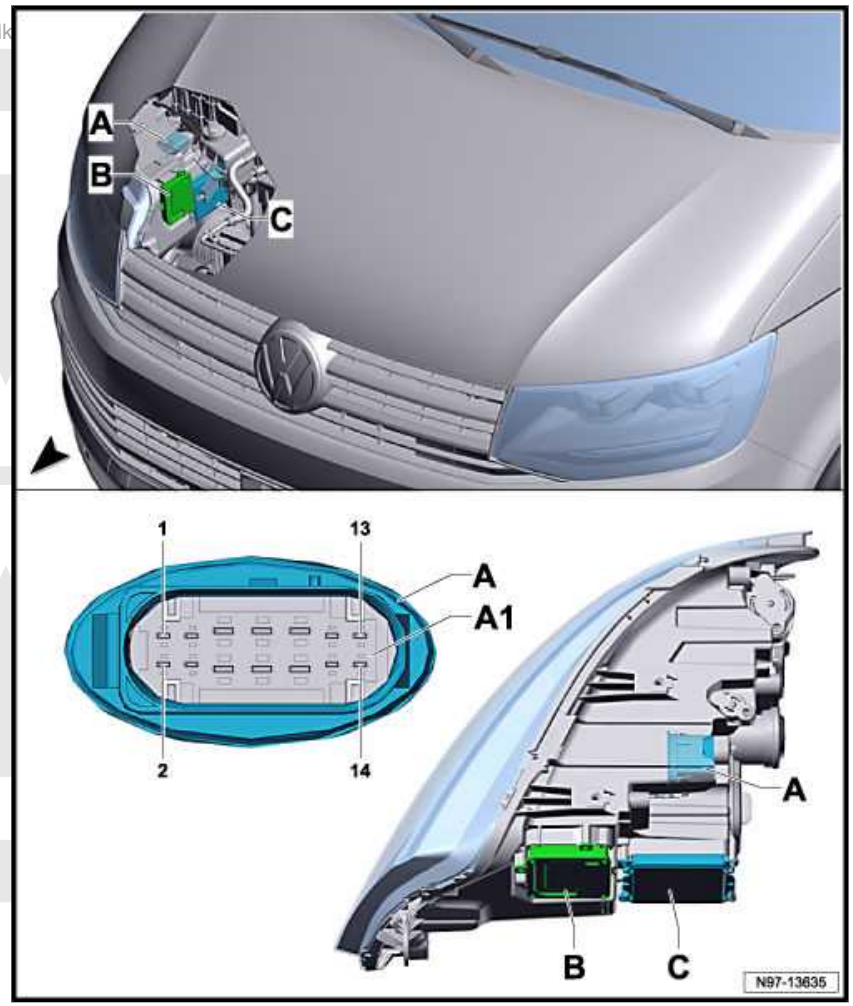


– Back to overview ⇒ page 1

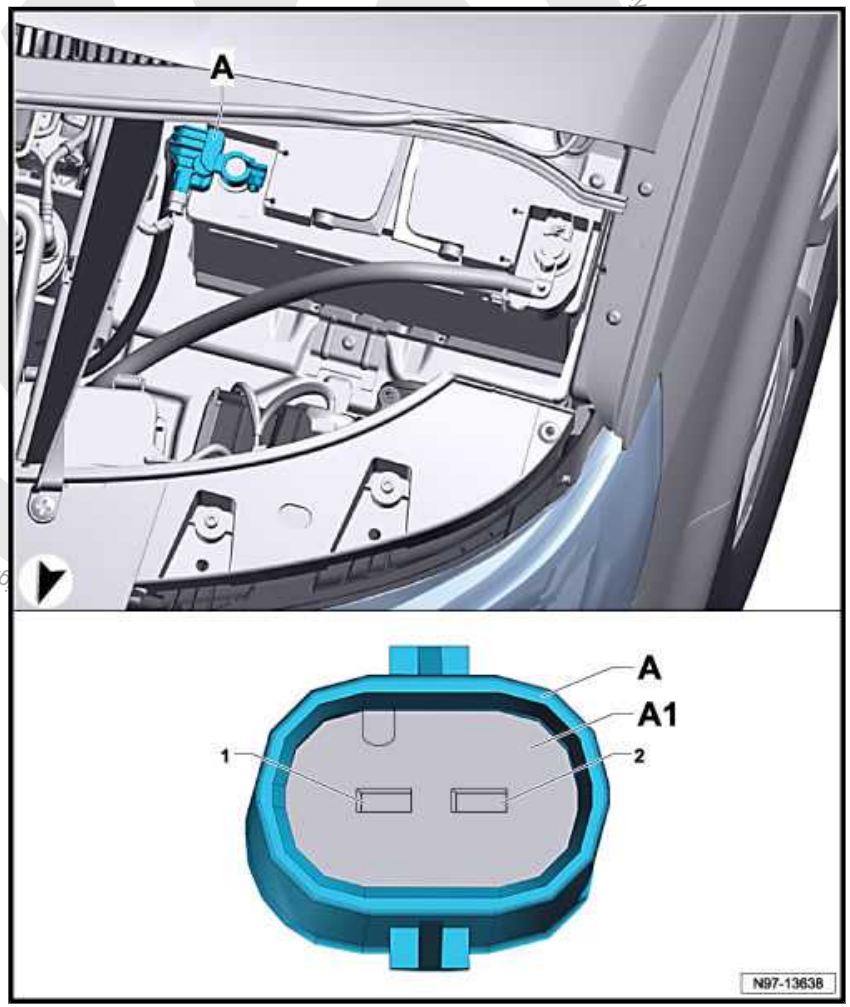
1.2 Battery monitor control unit -J367-

1.2.1 Fitting location:

on the battery -A-

A - Battery monitor control unit -J367-

A1 - 2-pin connector -T2du- , black



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– Back to overview ⇒ page 1

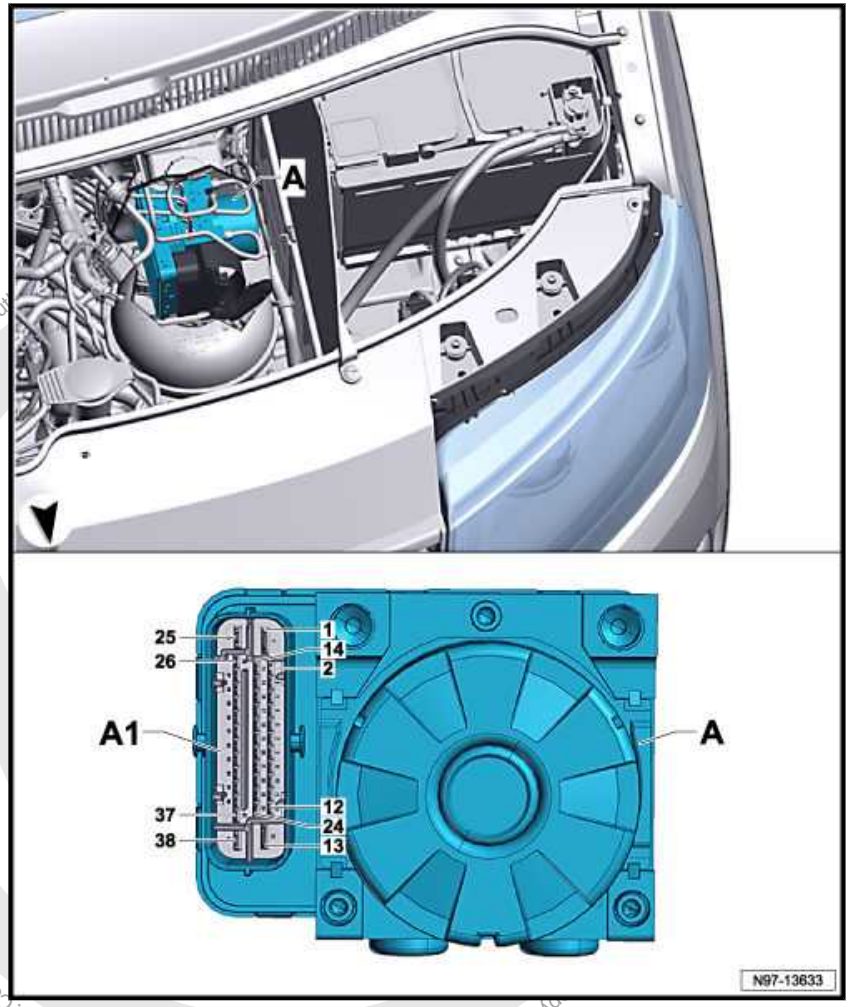
1.3 ABS control unit -J104-

1.3.1 Fitting location:

on left in engine compartment

A - ABS control unit -J104-

A1 - 38-pin connector -T38a- , black



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– Back to overview ⇒ page 1

1.4 Output module 1 for left LED headlight -A31- , output module for left headlight -J667-

1.4.1 Fitting location:

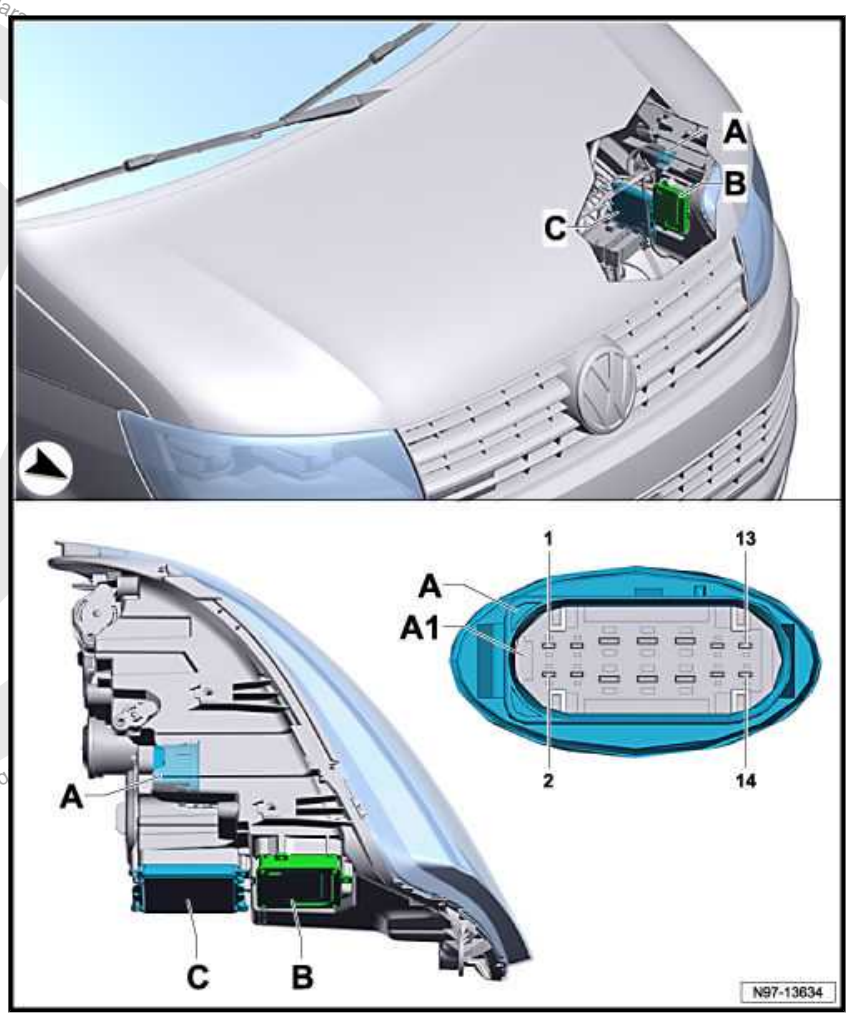
on front left headlight -MX1-

A - Front left headlight -MX1-

A1 - 14-pin connector -T14h- , black

B - Output module 1 for left LED headlight -A31-

C - Output module for left headlight -J667-



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– Back to overview ⇒ page 1

1.5 Voltage stabiliser -J532-

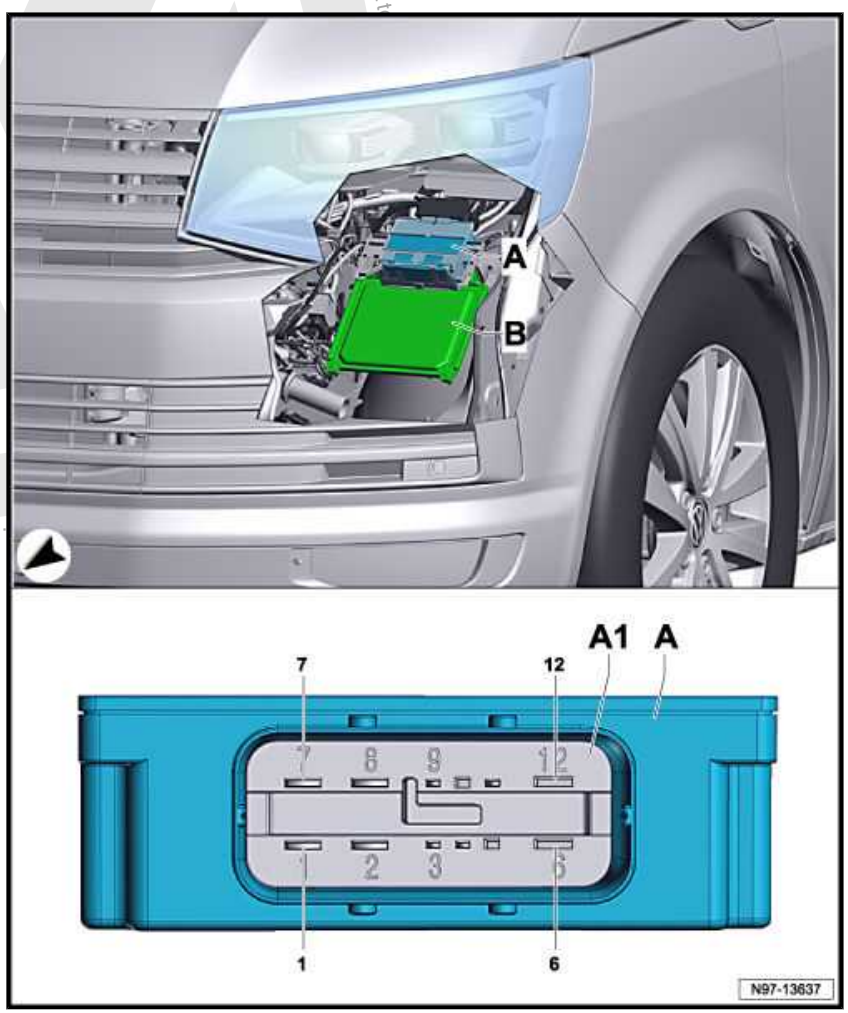
1.5.1 Fitting location:

in E-box, over the engine control unit -J623-

A - Voltage stabiliser -J532-

A1 - 12-pin connector -T12ad- , black

B - Engine/motor control unit -J623-



– Back to overview ⇒ page 1

1.6 Engine/motor control unit -J623-

1.6.1 Fitting location:

in E-box

A - Engine/motor control unit -J623-

A1 - 94-pin connector -T94- , black

A2 - 60-pin connector -T60- , black

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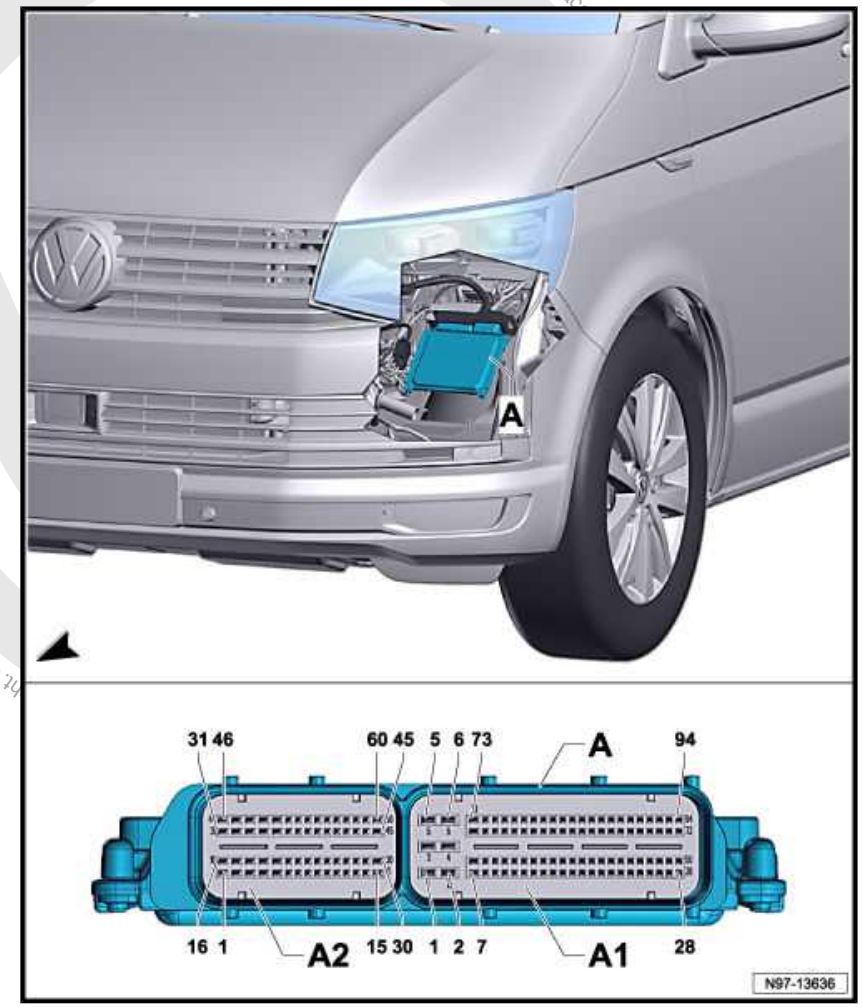


– Back to overview ⇒ page 1

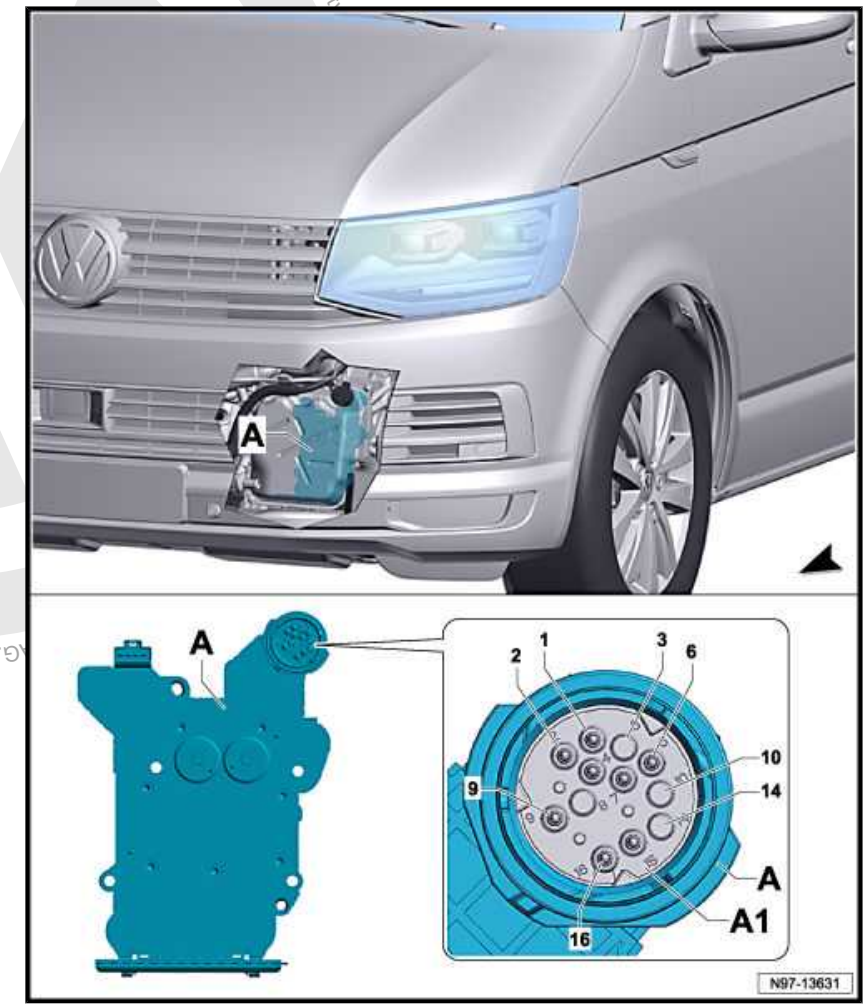
1.7 Mechatronic unit for dual clutch gearbox -J743-

1.7.1 Fitting location:

on gearbox

A - Mechatronic unit for dual clutch gearbox -J743-

A1 - 16-pin connector -T16m- , black



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– Back to overview ⇒ page 1

1.8 Radiator fan control unit -J293-

1.8.1 Fitting location:

front in engine compartment

A - Radiator fan control unit -J293-

B - 4-pin connector -T4ak- or -T4ax-

B1 - 4-pin connector -T4ak- , black

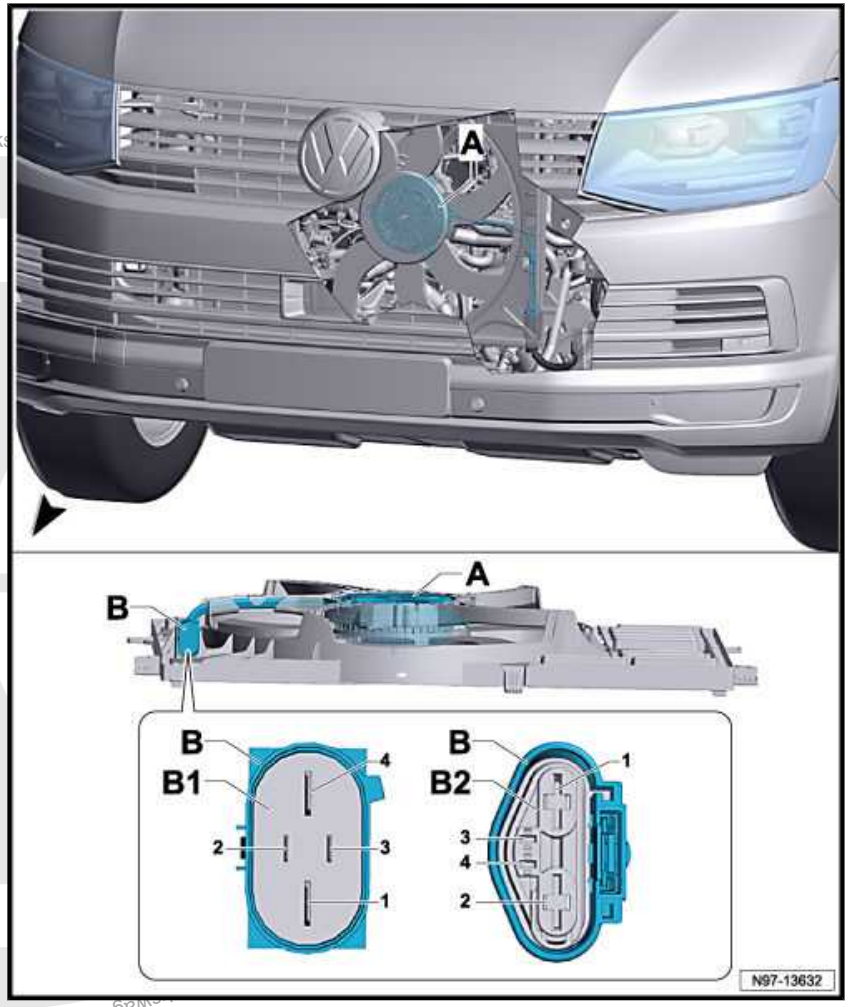
Note

Only models with low or medium fan output

B2 - 4-pin connector -T4ax- , black

Note

only for models with increased fan output



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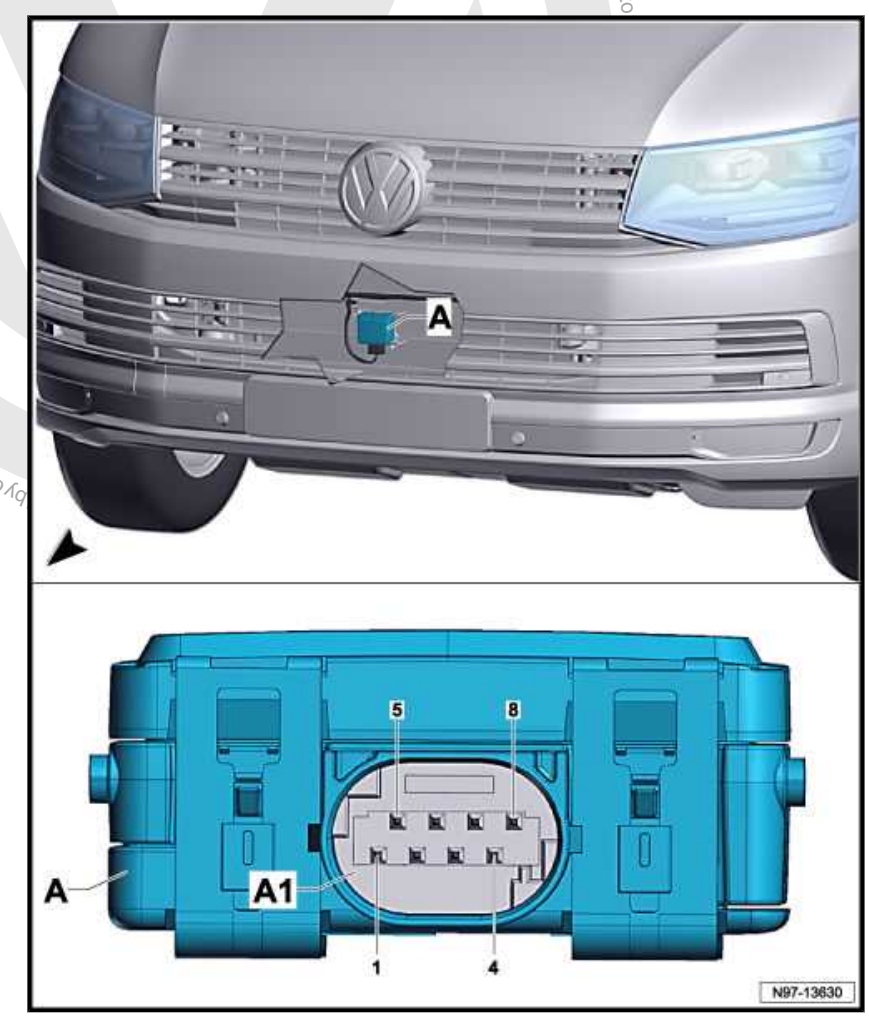
1.9 Adaptive cruise control unit -J428-

1.9.1 Fitting location:

behind front bumper

A - Adaptive cruise control unit -J428-

A1 - 8-pin connector -T8b- , black



– Back to overview ⇒ page 1

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1 Control units in middle part of vehicle

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1 - USB hub -R293- fitting location: ⇒ page 36

2 - Storage compartment with interface for mobile telephone -R265- fitting location (commercial vehicle): ⇒ page 34

3 - Auxiliary air heater control unit -J604- fitting location: ⇒ page 18

4 - Storage compartment with interface for mobile telephone -R265- fitting location (Multivan): ⇒ page 35

5 - Special vehicle control unit -J608- fitting location: ⇒ page 17

6 - Rain and light sensor -G397- , main beam assist control unit -J844- fitting location: ⇒ page 25

7 - Trailer detector control unit -J345- fitting location: ⇒ page 15

8 - Operating and display unit for camping equipment -E153- fitting location: ⇒ page 3

- roof display unit -J702- fitting location: ⇒ page 4

- Interior monitor send and receive module 1 -G303- , anti-theft and tilt system control unit -J529- fitting location: ⇒ page 6

9 - Sliding door sender unit -G477- , right electric sliding door sender unit -G481- fitting location: ⇒ page 24

10 - Rear fresh air blower switch -E179- fitting location: ⇒ page 22

- Operating and display unit for Climatronic, rear -E265- fitting location: ⇒ page 21

11 - Rear fresh air blower switch -E179- fitting location: ⇒ page 22

- Operating and display unit for Climatronic, rear -E265- fitting location: ⇒ page 21

12 - Accident data memory -J754- fitting location: ⇒ page 50

- Main suppression filter -C8- and multimedia system display unit 1 -Y22- fitting location: ⇒ page 52

13 - Amplifier -R12- fitting location: ⇒ page 16

14 - Control unit for sensor electronics -J849- with particulate sensor -G784- fitting location: ⇒ page 11

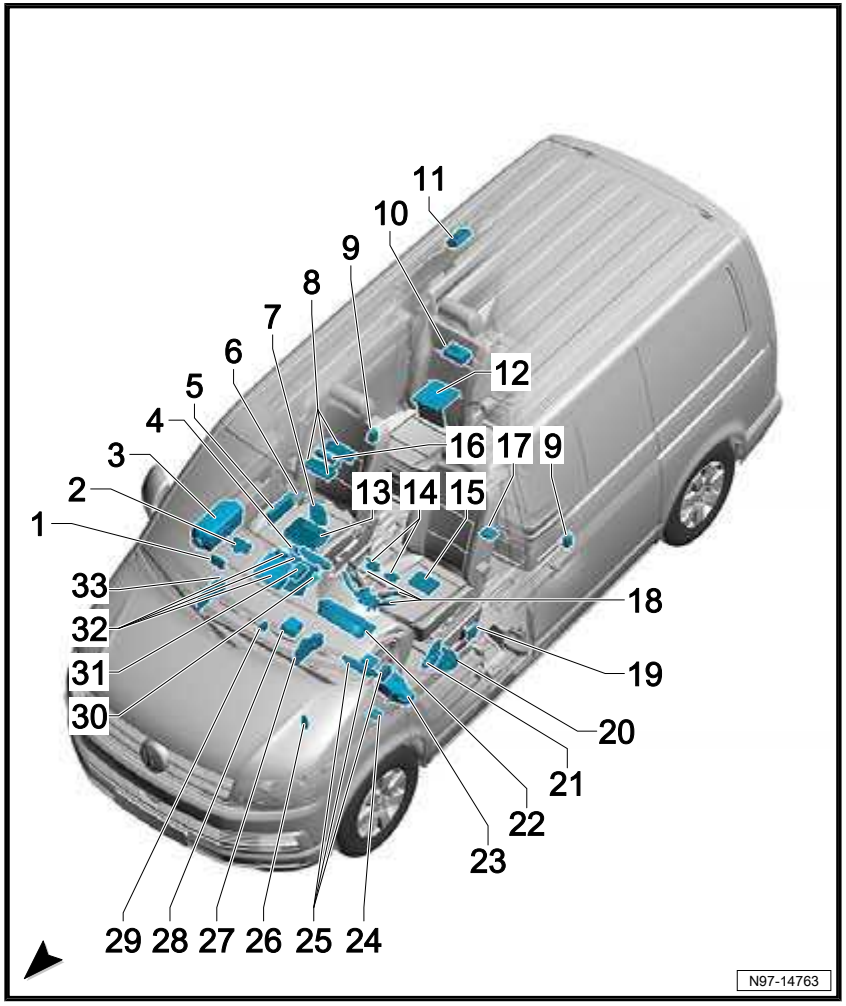
- Control unit for NOx sender 2 -J881- with NOx sender 2 -G687- Fitting location: ⇒ page 12

15 - Driver seat adjustment control unit -J810- fitting location: ⇒ page 13

16 - Sliding sunroof adjustment control unit -J245- fitting location: ⇒ page 20

17 - Fuel pump control unit -J538- fitting location: ⇒ page 44

18 - Steering column combination switch -E595- fitting location: ⇒ page 37



- Multifunction steering wheel control unit -J453- fitting location: ⇒ page 14

19 - Two-way signal amplifier for mobile telephone/data services -J984- fitting location: ⇒ page 46

20 - Reducing agent tank -VX85- and delivery unit for reducing agent metering system -GX19- fitting location: ⇒ page 9

21 - Driver door control unit -J386- , front passenger door control unit -J387- fitting location: ⇒ page 45

22 - Auxiliary heater control unit -J364- fitting location: ⇒ page 19

23 - Control unit for reducing agent heater -J891- fitting location: ⇒ page 7

24 - Control unit for NOx sender -J583- with NOx sender -G295- fitting location: ⇒ page 8

25 - Parking aid control unit -J446- fitting location: ⇒ page 42

- Onboard supply control unit -J519- fitting location: ⇒ page 47

- Remote control receiver for auxiliary heater -R64- , remote control receiver for auxiliary coolant heater -R149- ⇒ page 41

26 - Control unit in dash panel insert -J285- fitting location: ⇒ page 33

27 - Electronically controlled damping control unit -J250- , headlight range control unit -J431- fitting location (L0L): ⇒ page 38

28 - Airbag control unit -J234- fitting location: ⇒ page 43

29 - Heated front seats control unit -J774- fitting location: ⇒ page 40

30 - Selector lever -E313- fitting location: ⇒ page 48

31 - Emergency call module control unit and communication unit -J949- fitting location: ⇒ page 49

32 - Fresh air blower switch -E9- fitting location: ⇒ page 28

- Rear fresh air blower switch -E179- fitting location: ⇒ page 22

- Tachograph -G24- fitting location: ⇒ page 32

- Climatronic control unit -J255- fitting location: ⇒ page 26

- Air conditioning system control unit -J301- fitting location: ⇒ page 27

- Control unit 1 for information electronics -J794- fitting location: ⇒ page 29 or ⇒ page 30

- Radio -R- fitting location: ⇒ page 31

33 - Electronically controlled damping control unit -J250- , headlight range control unit -J431- fitting location (L0R): ⇒ page 39

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1.1 Operating and display unit for camping equipment -E153-

1.1.1 Fitting location:

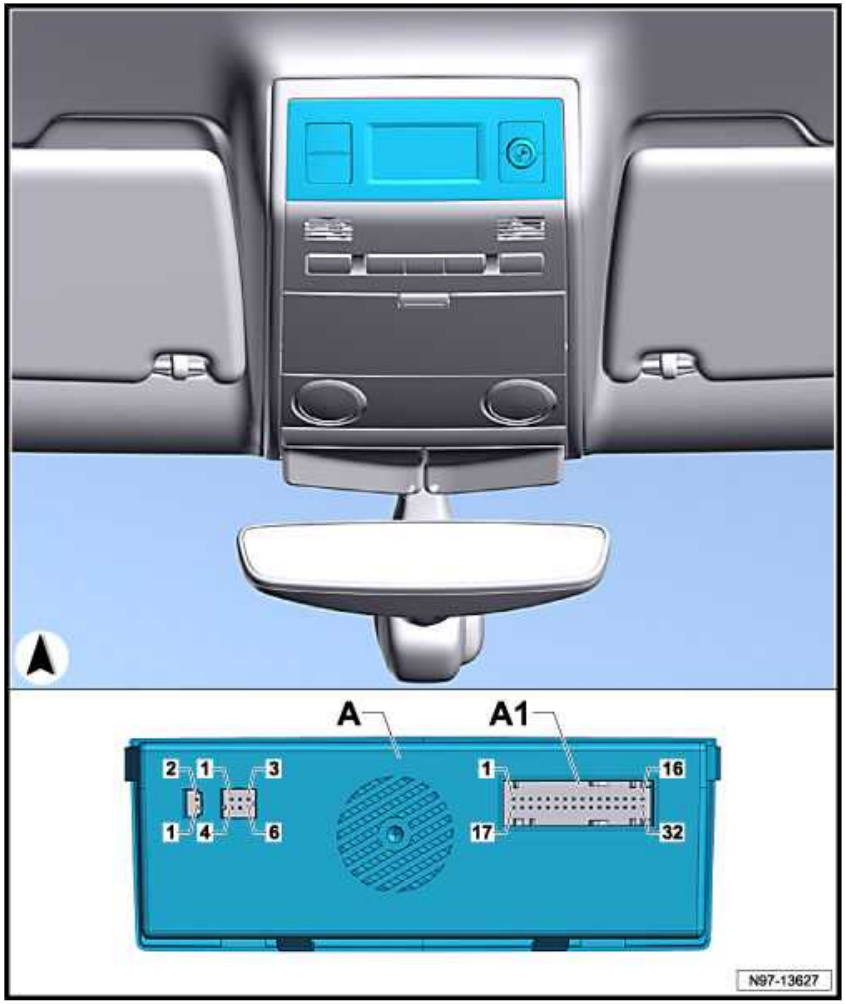
in the roof console

A - Operating and display unit for camping equipment -E153-

A1 - 6-pin connector -T6ap- , black

A2 - 32-pin connector -T32b- , black

A3 - 2-pin connector -T2p- , black



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Note

Only for models with camping equipment

– Back to overview ⇒ page 1

1.2 Roof display unit -J702-

1.2.1 Fitting location:

in the roof console

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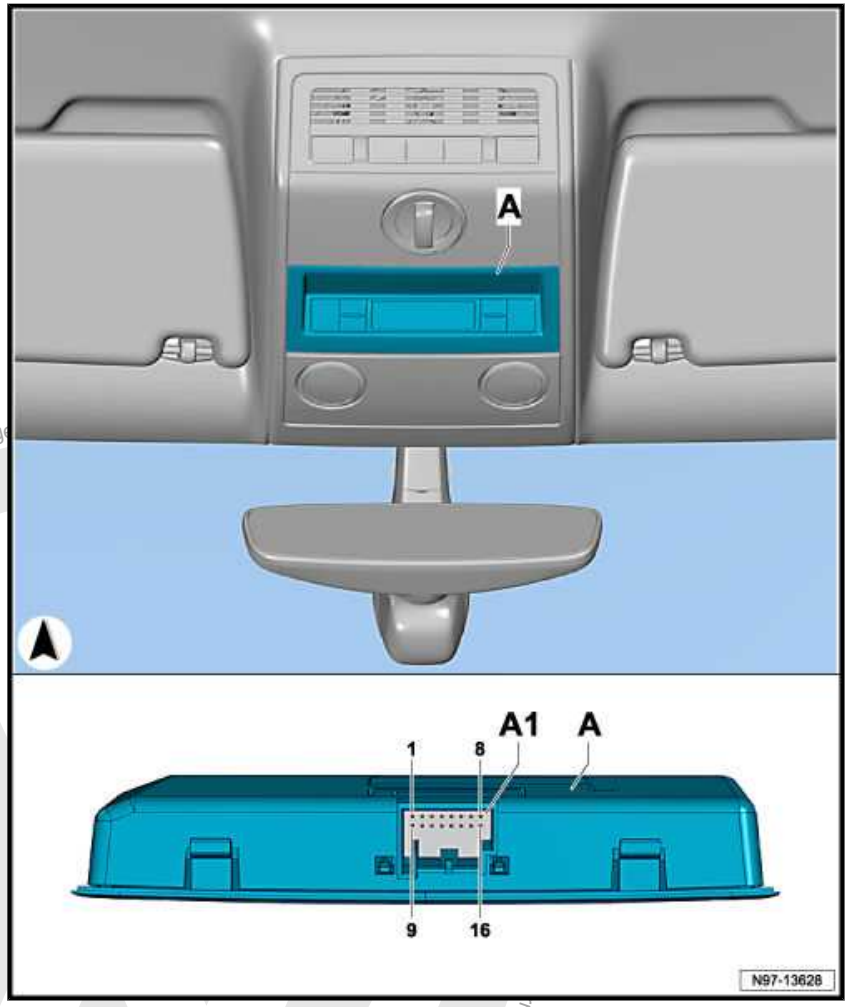
A - Roof display unit -J702-

A1 - 16-pin connector -T16g- , black



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Note

Only models with no camping equipment

– Back to overview ⇒ page 1

1.3 Interior monitor send and receive module 1 -G303- , Anti-theft and tilt system control unit -J529-

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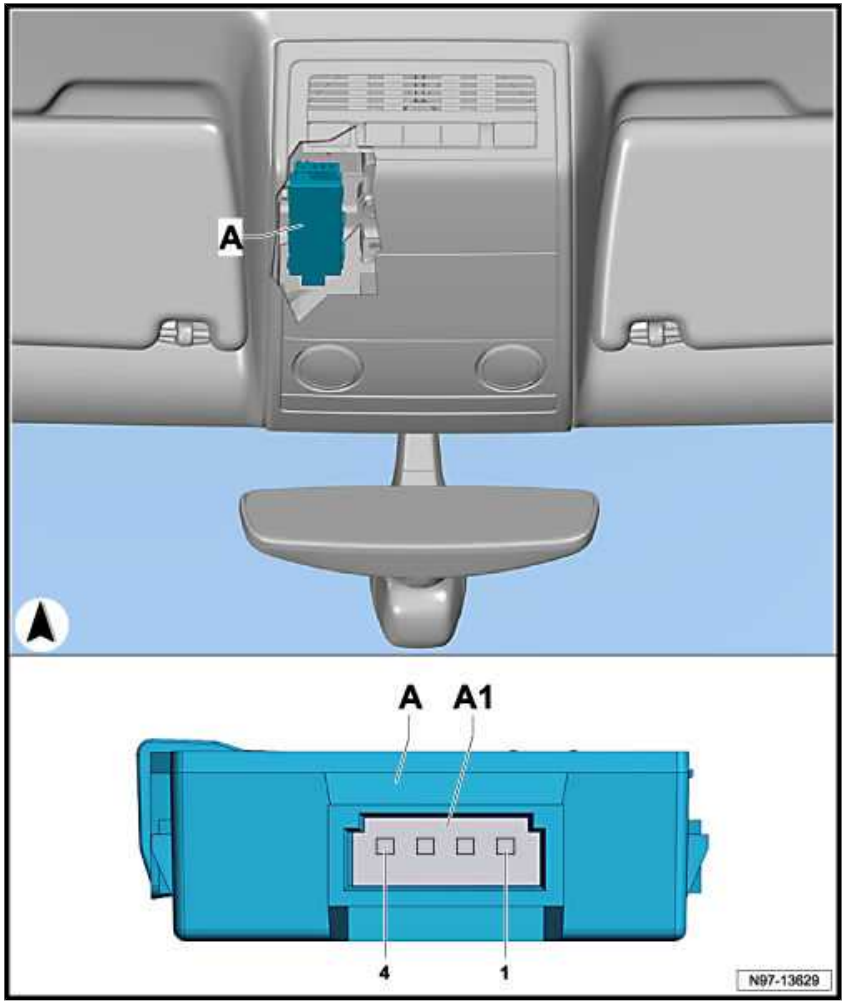
1.3.1 Fitting location:

in the roof console

A - Interior monitor send and receive module 1 -G303- , Anti-theft and tilt system control unit -J529-

A1 - 4-pin connector -T4cq- , black



– Back to overview ⇒ page 1

1.4 Control unit for reducing agent heater -J891-

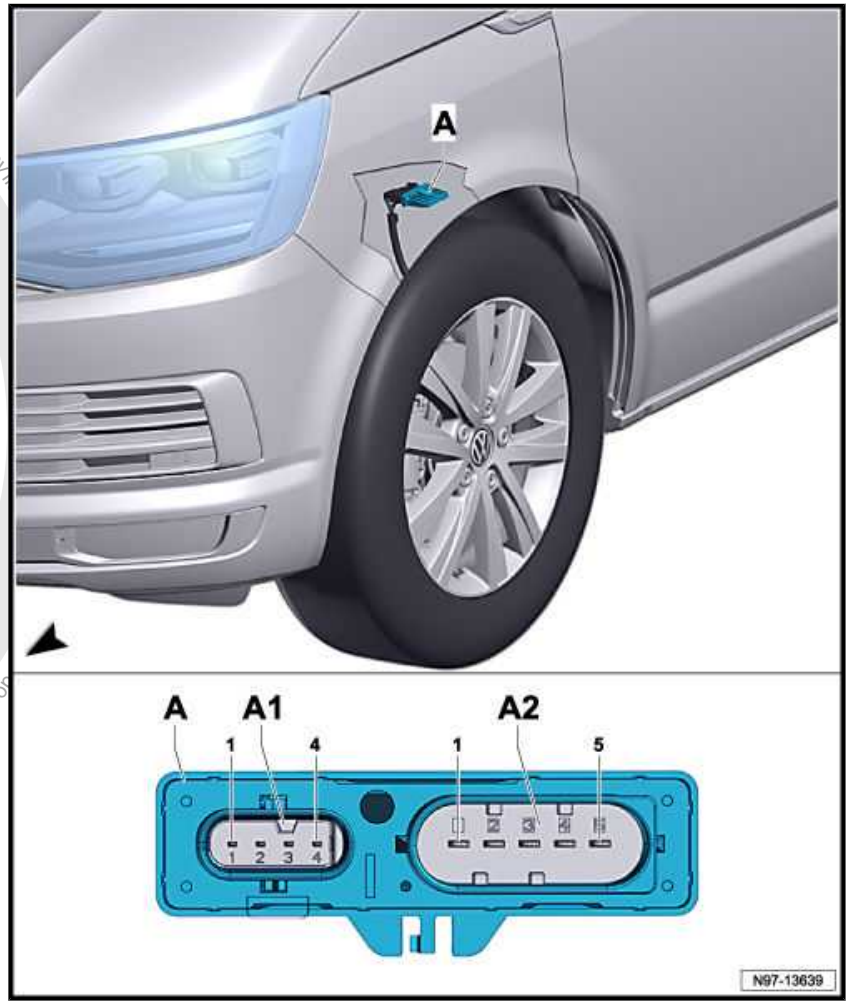
1.4.1 Fitting location:

On tank for reducing agent

A - Control unit for reducing agent heater -J891-

A1 - 4-pin connector -T4c- , black

A2 - 5-pin connector -T5d- , colourless



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– Back to overview ⇒ page 1

1.5 Control unit for NOx sender -J583- with NOx sender -G295-

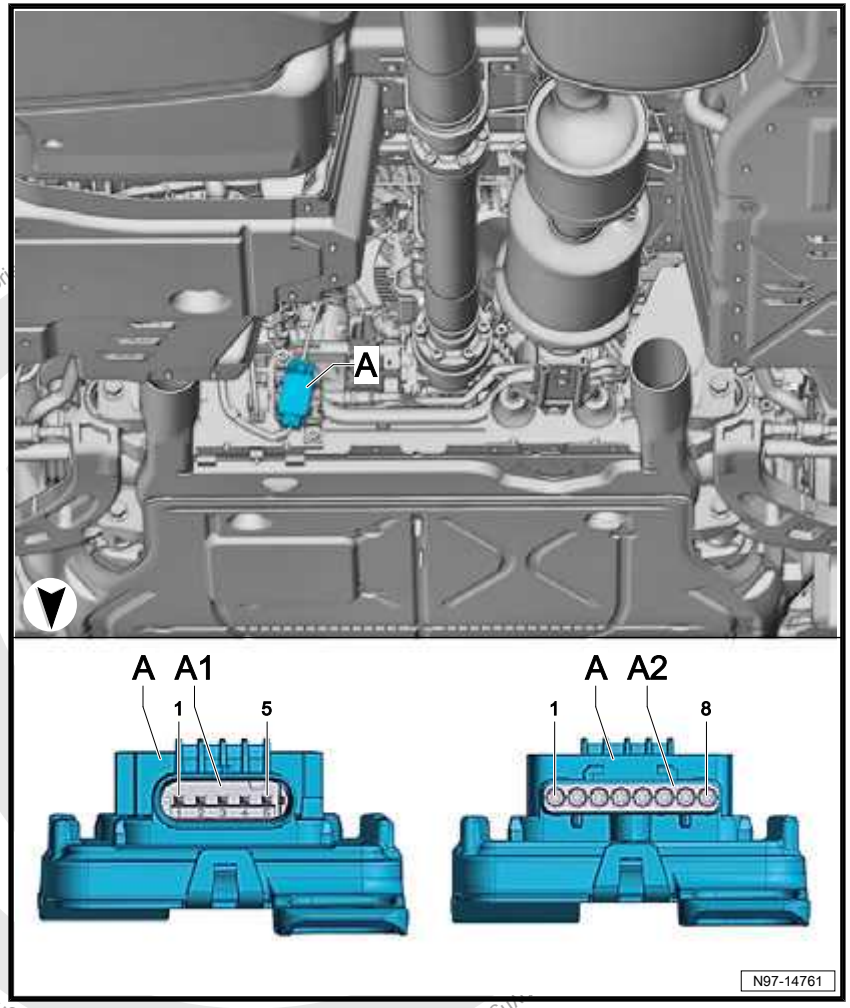
1.5.1 Fitting location:

On underbody, near bulkhead

A - Control unit for NOx sender -J583- with NOx sender -G295-

A1 - 5-pin connector -T5j- , black

A2 - 8-pin connector -T8d- , black



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– Back to overview ⇒ page 1

1.6 Reducing agent tank -VX85- and delivery unit for reducing agent metering system -GX19-

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1.6.1 Fitting location:

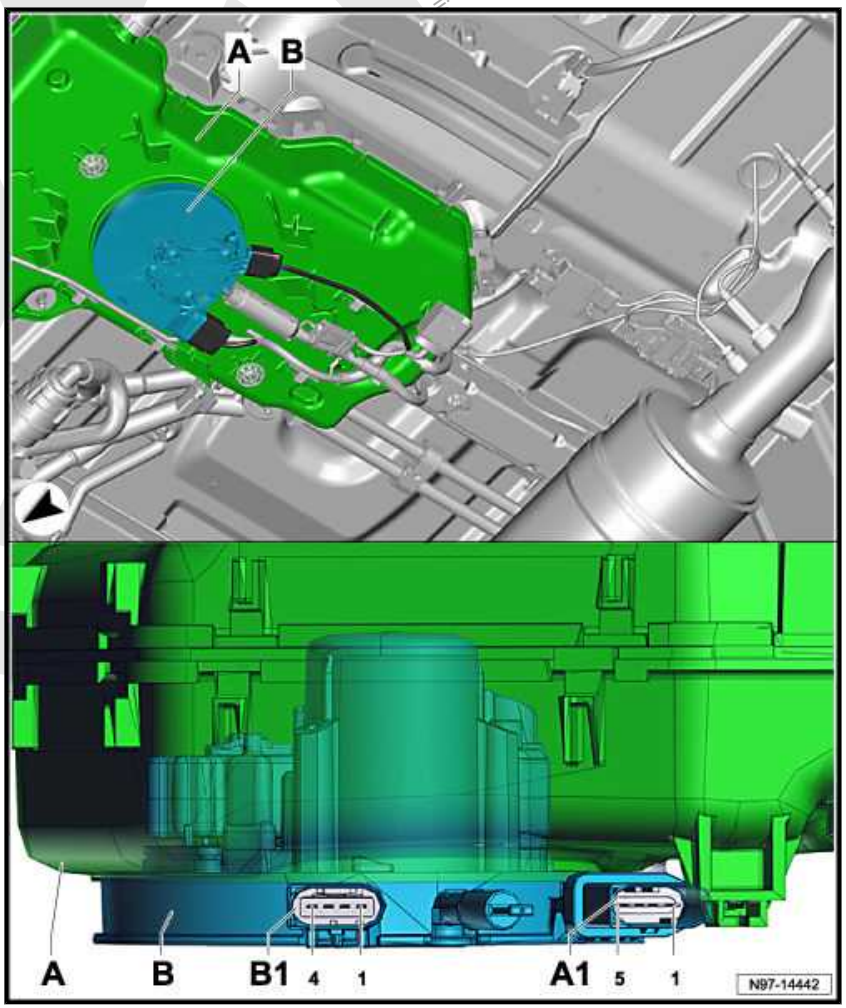
on tank for reducing agent, bottom

A - Reducing agent tank -VX85-

A1 - 5-pin connector -T5y- , black

B - Delivery unit for reducing agent metering system -GX19-

B1 - 4-pin connector -T4d- , black



– Back to overview ⇒ page 1

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1.7 Control unit for sensor electronics -J849- with Particulate sensor -G784-

1.7.1 Fitting location:

on the under-body behind heat-shield

A - Control unit for sensor electronics -J849- with Particulate sensor -G784-

A1 - 5-pin connector -T5b- , black

A2 - 4-pin connector -T4b- , black

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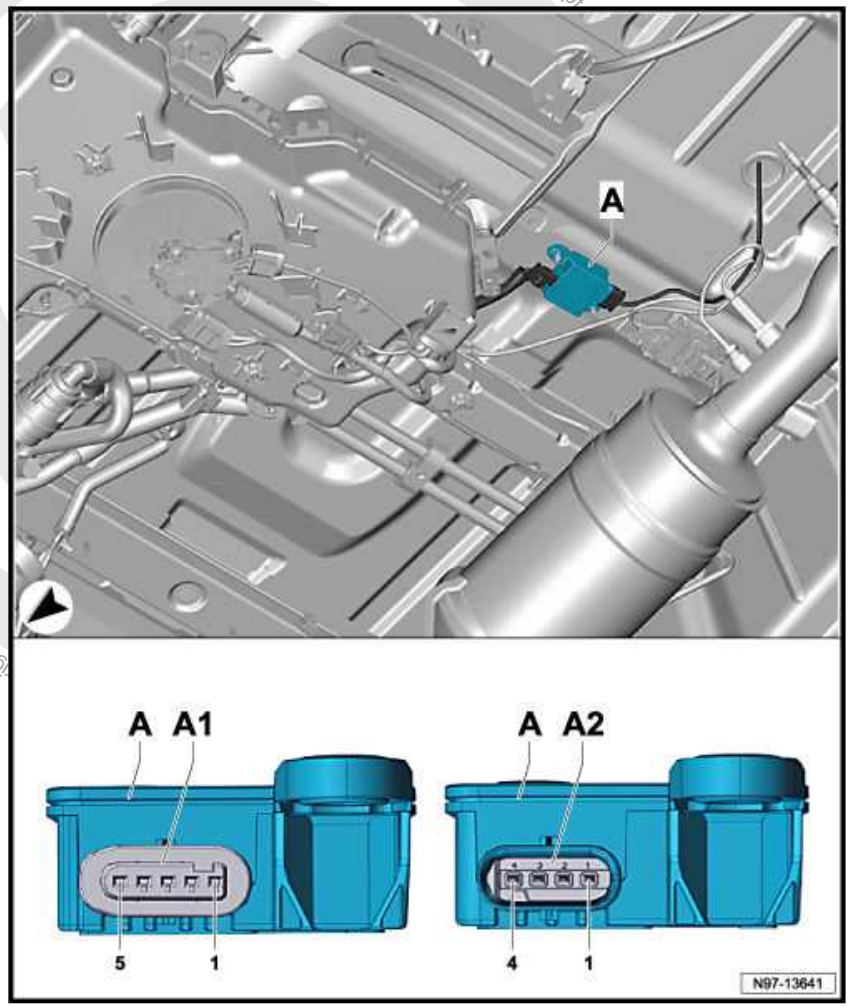

– Back to overview ⇒ page 1

1.8 Control unit for NOx sender 2 -J881- with NOx sender 2 -G687-

1.8.1 Fitting location:

on the under-body behind heat-shield

A - Control unit for NOx sender 2 -J881- with NOx sender 2 -G687-

A1 - 5-pin connector -T5a- , black

A2 - 8-pin connector -T8c- , black

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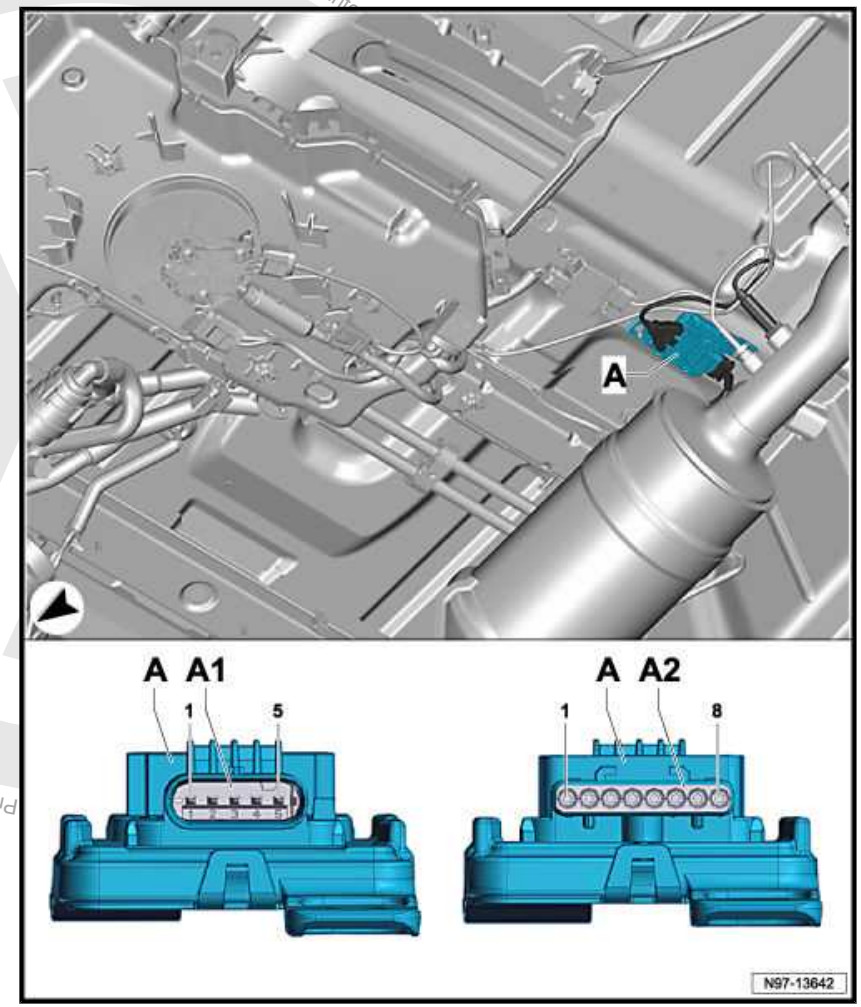

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1.9 Driver seat adjustment control unit -J810-

1.9.1 Fitting location:

under driver seat

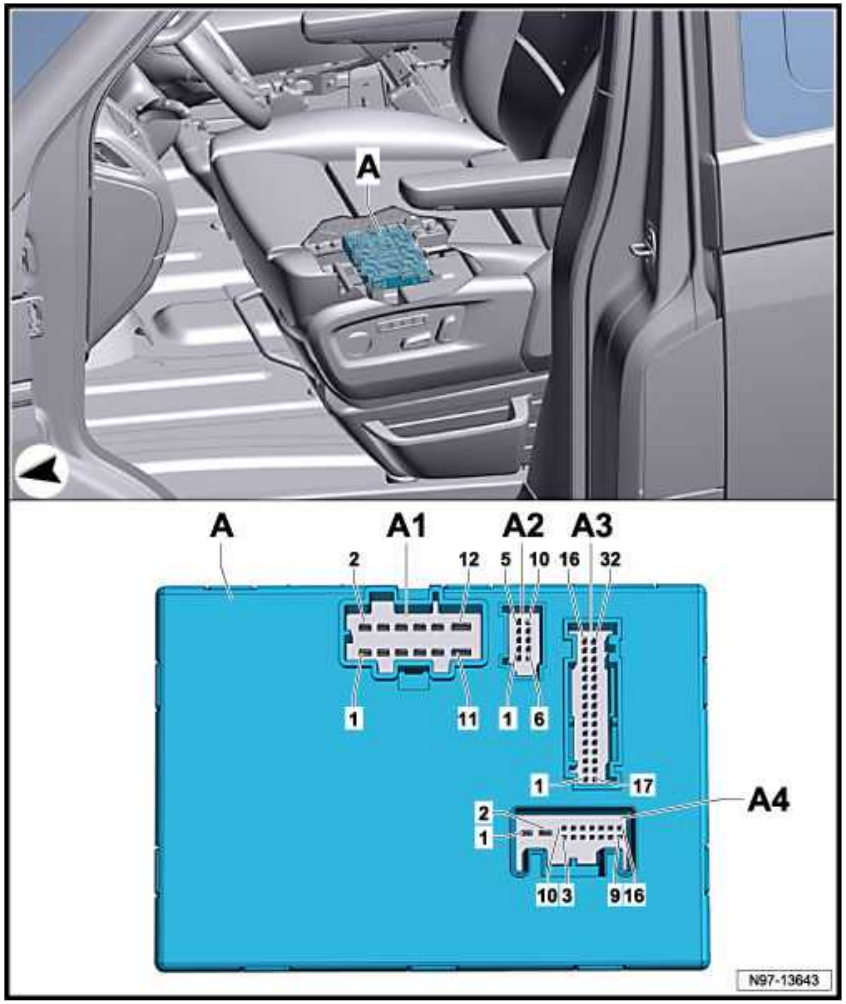
A - Driver seat adjustment control unit -J810-

A1 - 12-pin connector -T12b- , black

A2 - 10-pin connector -T10v- , black

A3 - 32-pin connector -T32e- , black

A4 - 16-pin connector -T16j- , black



– Back to overview ⇒ page 1

1.10 Multifunction steering wheel control unit -J453-

1.10.1 Fitting location:

in steering wheel

A - Multifunction steering wheel control unit -J453-

A1 - 5-pin connector -T5u- , black

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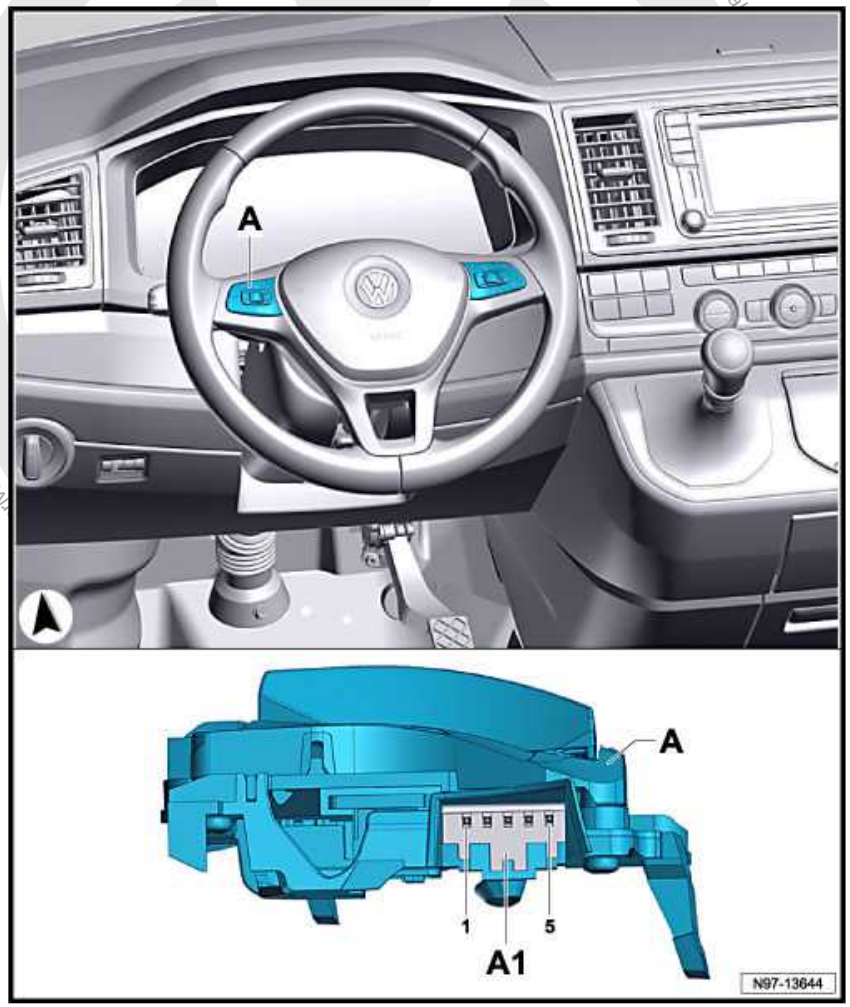


– Back to overview ⇒ page 1

1.11 Trailer detector control unit -J345-

1.11.1 Fitting location:

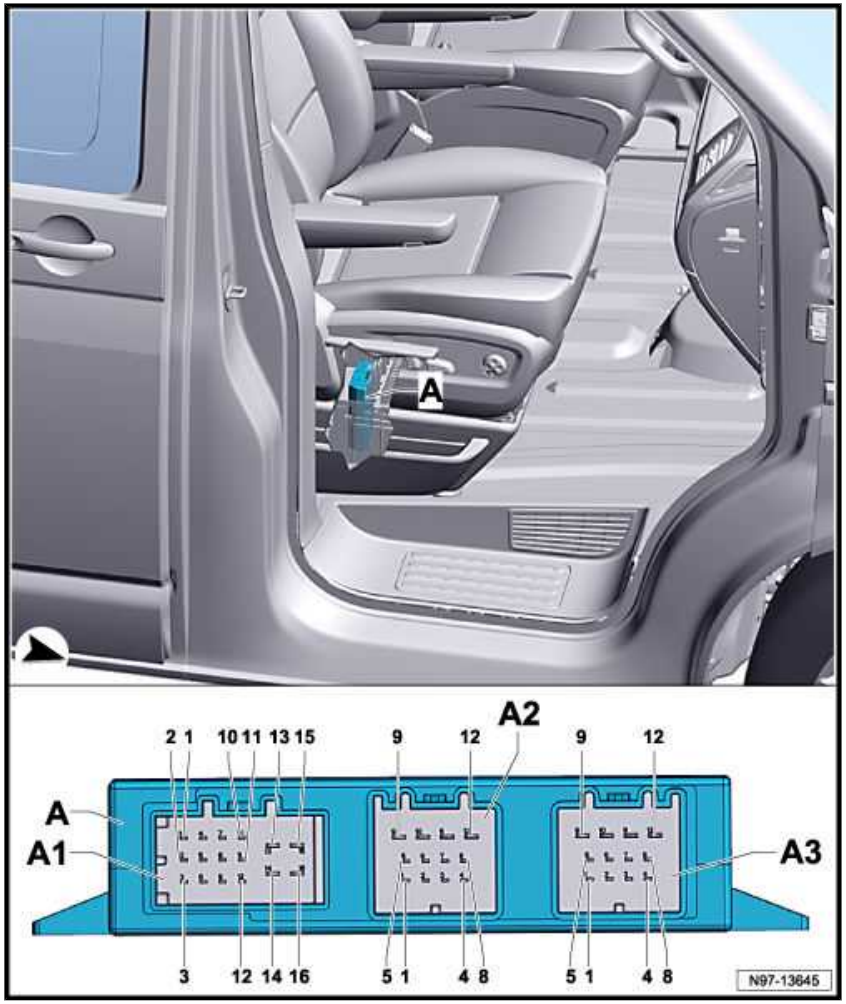
in right seat box

A - Trailer detector control unit -J345-

A1 - 16-pin connector -T16n- , black

A2 - 12-pin connector -T12ac- , red

A3 - not assigned



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– Back to overview ⇒ page 1

1.12 Amplifier -R12-

1.12.1 Fitting location:

in right seat box

A - Amplifier -R12-

A1 - 24-pin connector -T24d- , grey

A2 - 23-pin connector -T23a- , green

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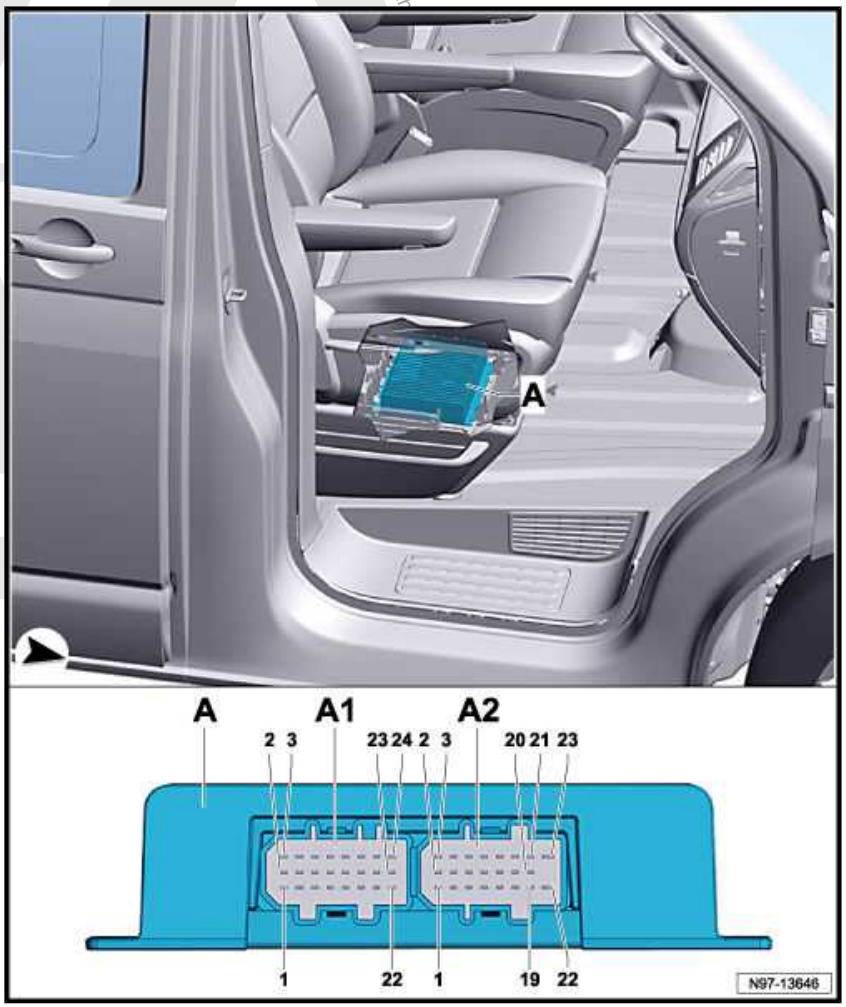


– Back to overview ⇒ page 1

1.13 Special vehicle control unit -J608-

1.13.1 Fitting location:

in right seat box

1 - Special vehicle control unit -J608-

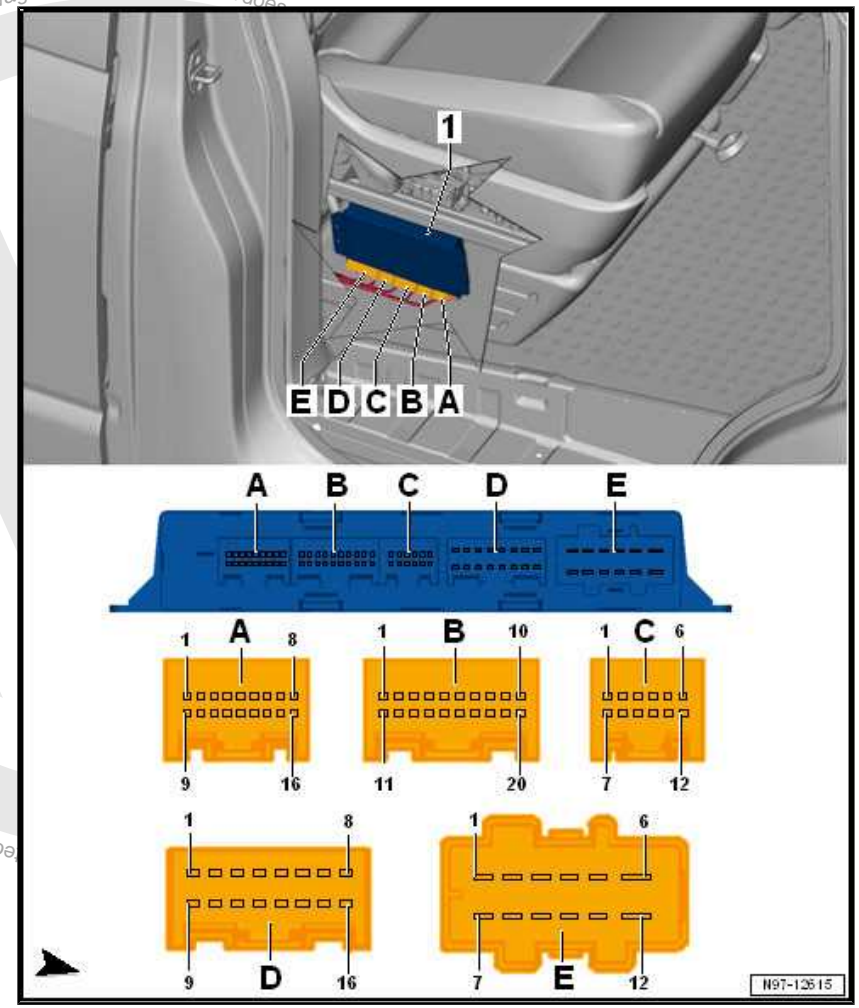
A - 16-pin connector -T16u- , brown

B - 20-pin connector -T20h- , red

C - 12-pin connector -T12am- , not assigned

D - 16-pin connector -T16t- , black

E - 12-pin connector -T12al- , black



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1.14 Auxiliary air heater control unit -J604-

1.14.1 Fitting location:

Behind under-body cover, on right

A - Auxiliary air heater control unit -J604-

A1 - 2-pin connector -T2df- , blue

A2 - 2-pin connector -T2dg- , green

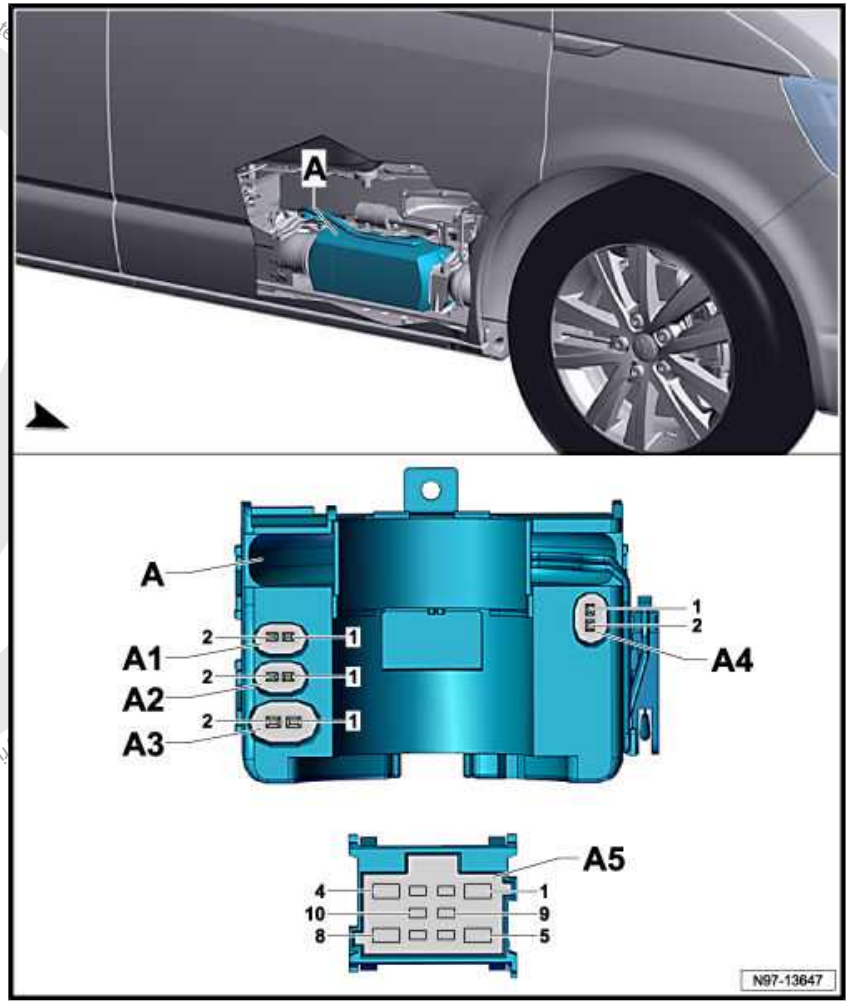
A3 - 2-pin connector -T2dh- , black

A4 - 2-pin connector -T2de- , white

A5 - 10-pin connector -T10ba- , blue

Note

The 10-pin connector -T10ba- is located in the right seat box.



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1.15 Auxiliary heater control unit -J364-

1.15.1 Fitting location:

Behind under-body cover, on left

A - Auxiliary heater control unit -J364-

A1 - 2-pin connector -T2fv- , black

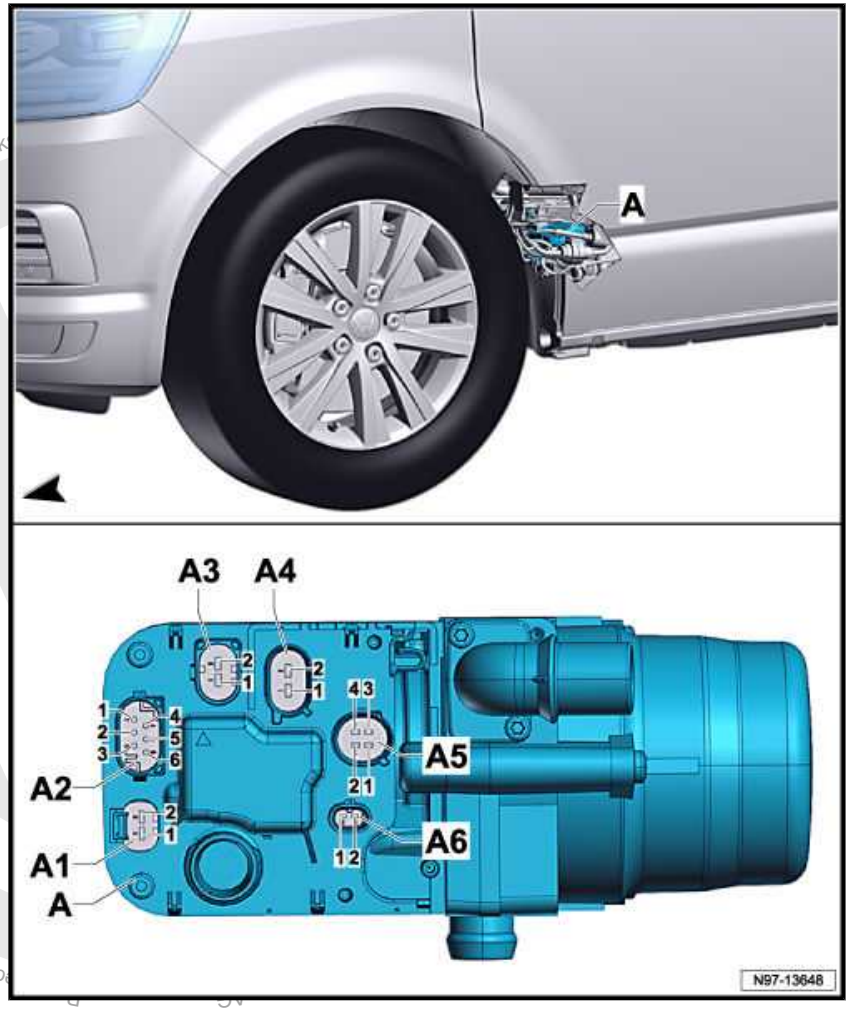
A2 - 6-pin connector -T6au- , black

A3 - 2-pin connector -T2fu- , black

A4 - 2-pin connector -T2ft- , black

A5 - 4-pin connector -T4cn- , black

A6 - not assigned



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1.16 Sliding sunroof adjustment control unit -J245-

1.16.1 Fitting location:

on sliding/tilting sunroof

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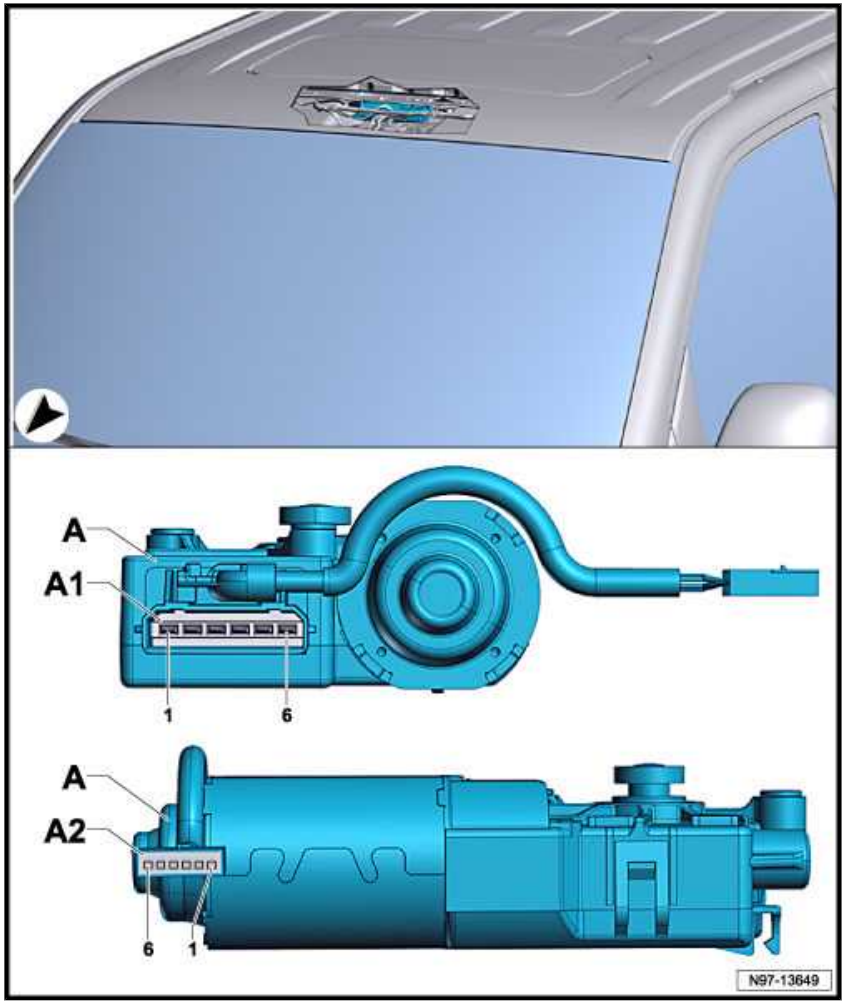
A - Sliding sunroof adjustment control unit -J245-

A1 - 6-pin connector -T6ao- , black

A2 - 6-pin connector -T6ap- , black



– Back to overview ⇒ page 1

1.17 Rear Climatronic operating and display unit -E265-

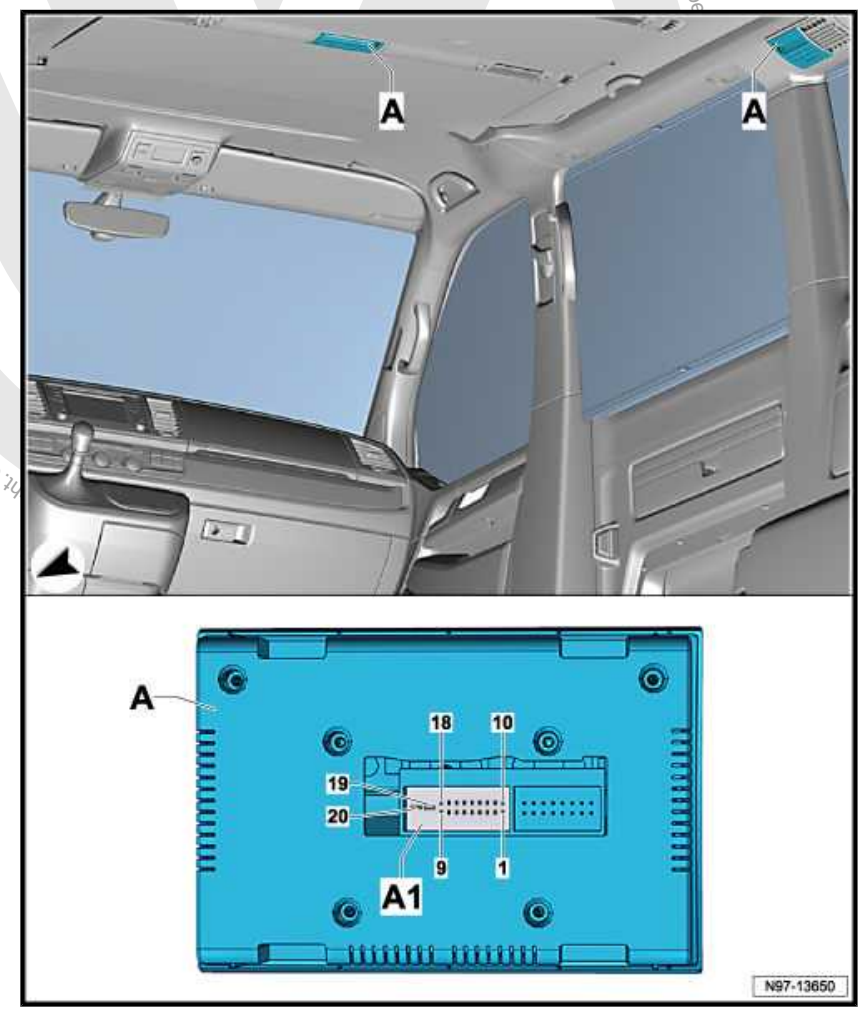
1.17.1 Fitting location:

In centre of headliner, only models with no camping equipment

On the roof rear right, only models with camping equipment

A - Rear Climatronic operating and display unit -E265-

A1 - 20-pin connector -T20d- , black



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1.18 Rear fresh air blower switch -E179-

1.18.1 Fitting location:

In centre of dash panel, only models with no camping equipment

In centre of headliner, only models with no camping equipment

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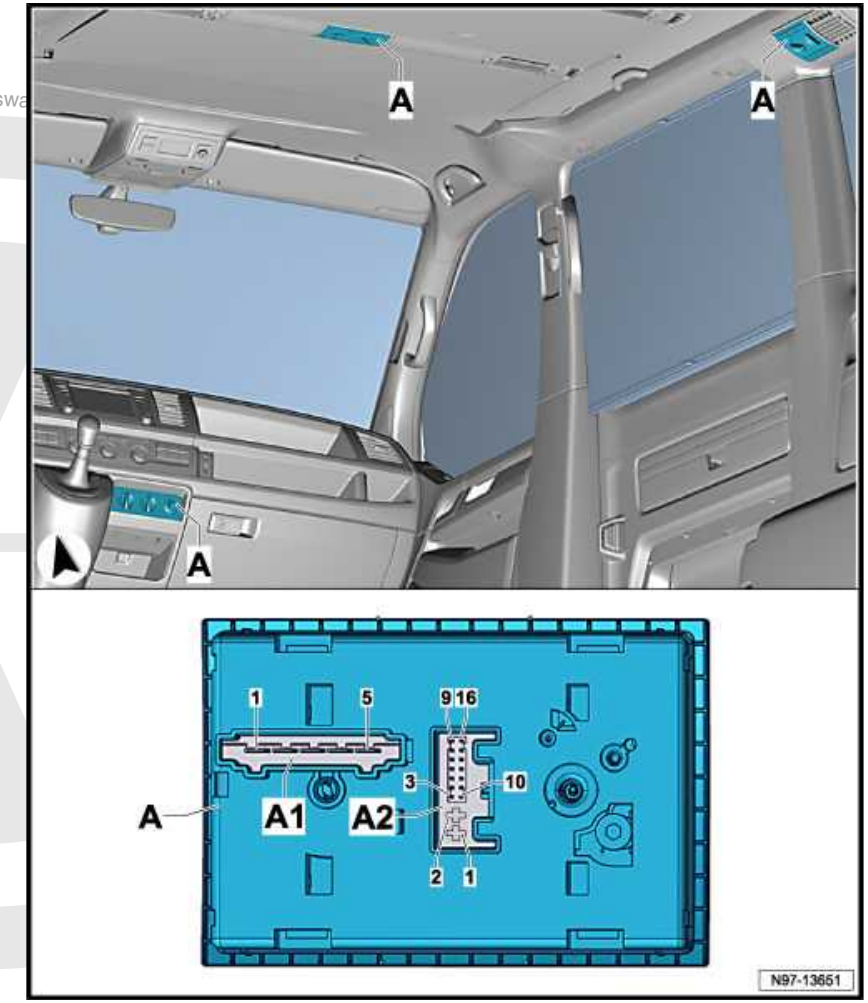
On the roof rear right, only models with camping equipment

A - Rear fresh air blower switch -E179-

A1 - 5-pin connector -T5c- or -T5e- , black

A2 - 16-pin connector -T16a- or -T16e- , black



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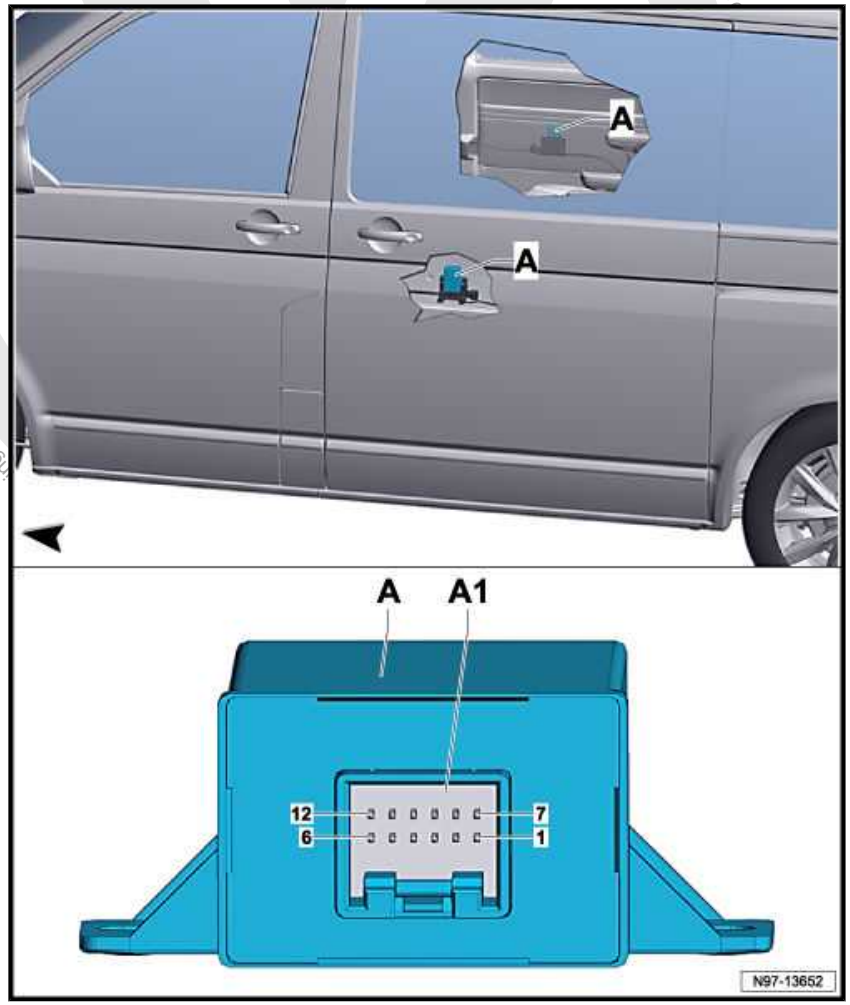
1.19 Sliding door sender unit -G477- , right electric sliding door sender unit -G481-

1.19.1 Fitting location:

in sliding door

A - Sliding door sender unit -G477- , right electric sliding door sender unit -G481-

A1 - 8-pin connector -T8h- or -T8j- , black



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1.20 Rain and light sensor -G397- , main beam assist control unit -J844-

1.20.1 Fitting location:

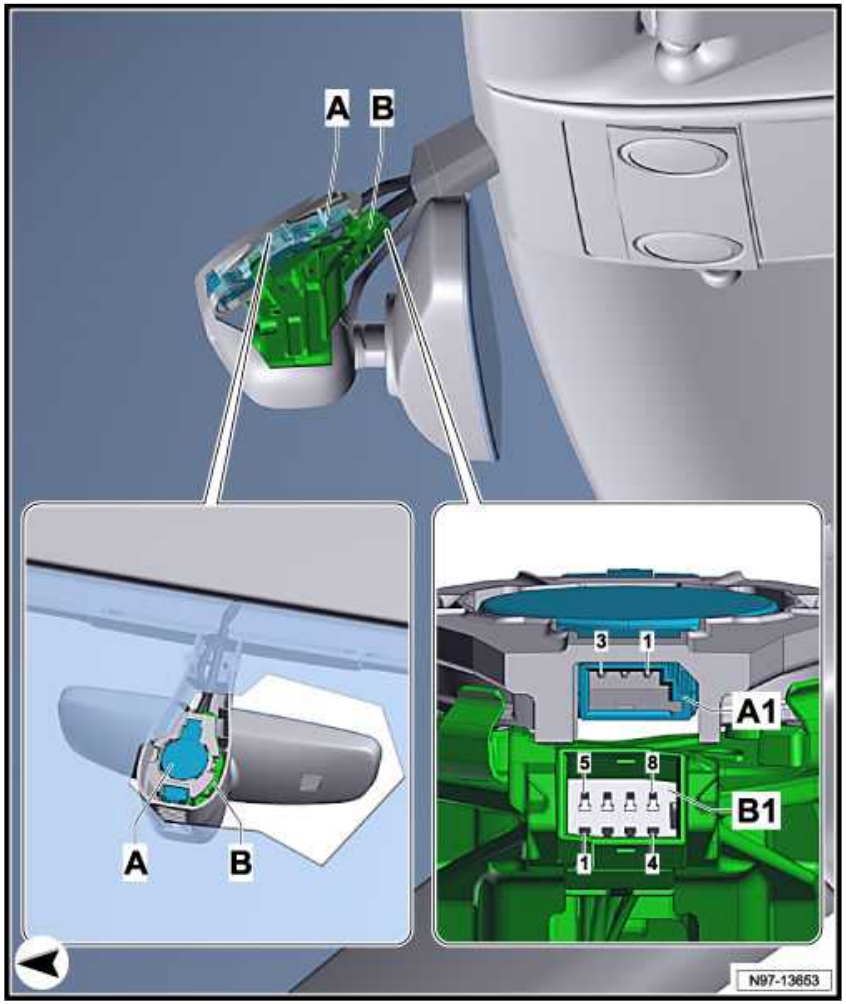
on the windscreen

A - Rain and light sensor -G397-

A1 - 3-pin connector -T3bj- , black

B - Main beam assist control unit -J844-

B1 - 8-pin connector -T8e- , black



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– Back to overview ⇒ page 1

1.21 Climatronic control unit -J255-

1.21.1 Fitting location:

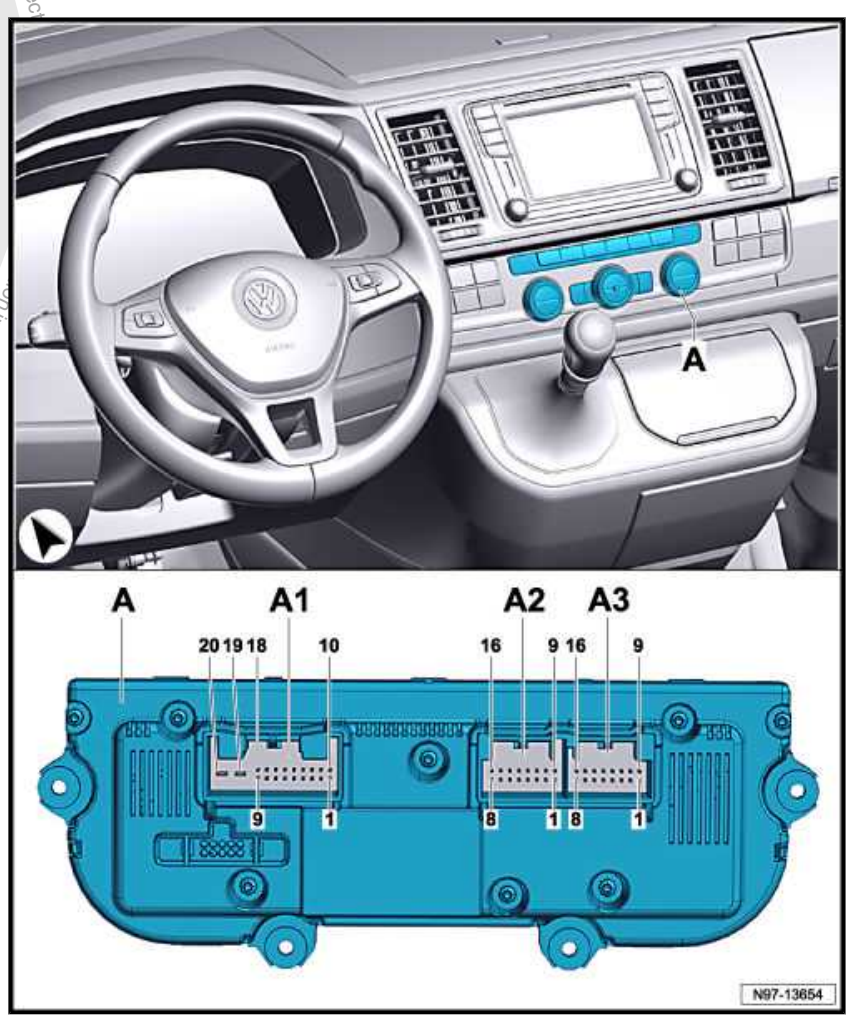
Dash panel - centre

A - Climatronic control unit -J255-

A1 - 20-pin connector -T20e- , black

A2 - 16-pin connector -T16o- , black

A3 - 16-pin connector -T16p- , brown



– Back to overview ⇒ page 1

1.22 Air conditioning system control unit -J301-

1.22.1 Fitting location:

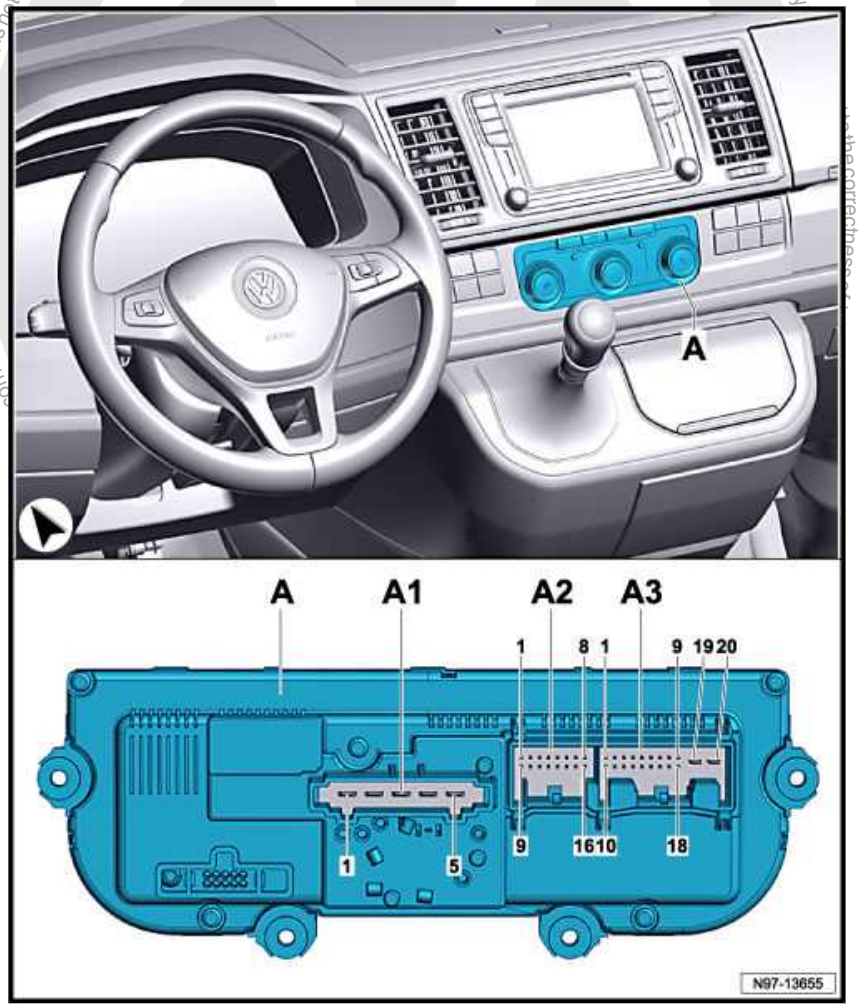
Dash panel - centre

A - Air conditioning system control unit -J301-

A1 - 5-pin connector -T5r- , black

A2 - 16-pin connector -T16q- , black

A3 - 20-pin connector -T20c- , black



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– Back to overview ⇒ page 1

1.23 Fresh air blower switch -E9-

1.23.1 Fitting location:

Dash panel - centre

A - Fresh air blower switch -E9-

A1 - 5-pin connector -T5f- , black

A2 - 16-pin connector -T16d- , black

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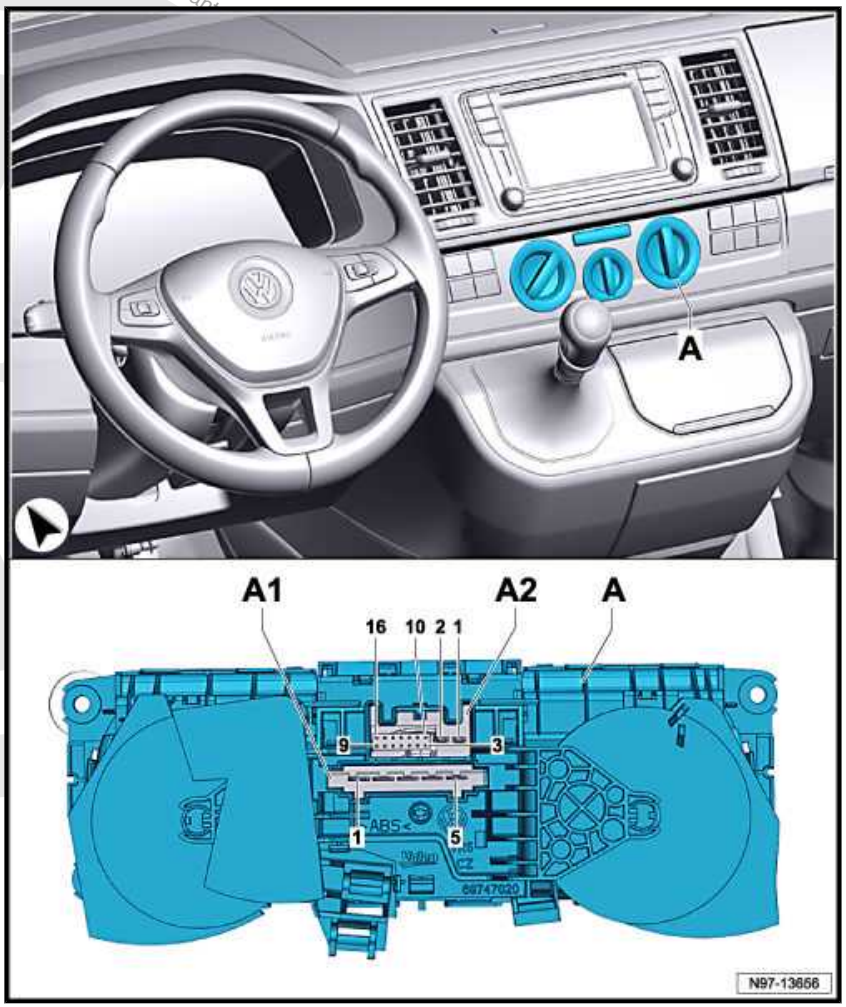


– Back to overview ⇒ page 1

1.24 Control unit 1 for information electronics -J794-

1.24.1 Fitting location:

Dash panel - centre

A - Control unit 1 for information electronics -J794-

A1 - Single connector -T1be- , black

A2 - Single connector -T1ag- , white or 4-pin connector -T4bt- , white

A3 - Single connector -T1aj- , blue

A4 - 5-pin connector -T5g- , yellow

A5 - 8-pin connector -T8m- , brown

A6 - 8-pin connector -T8n- , black

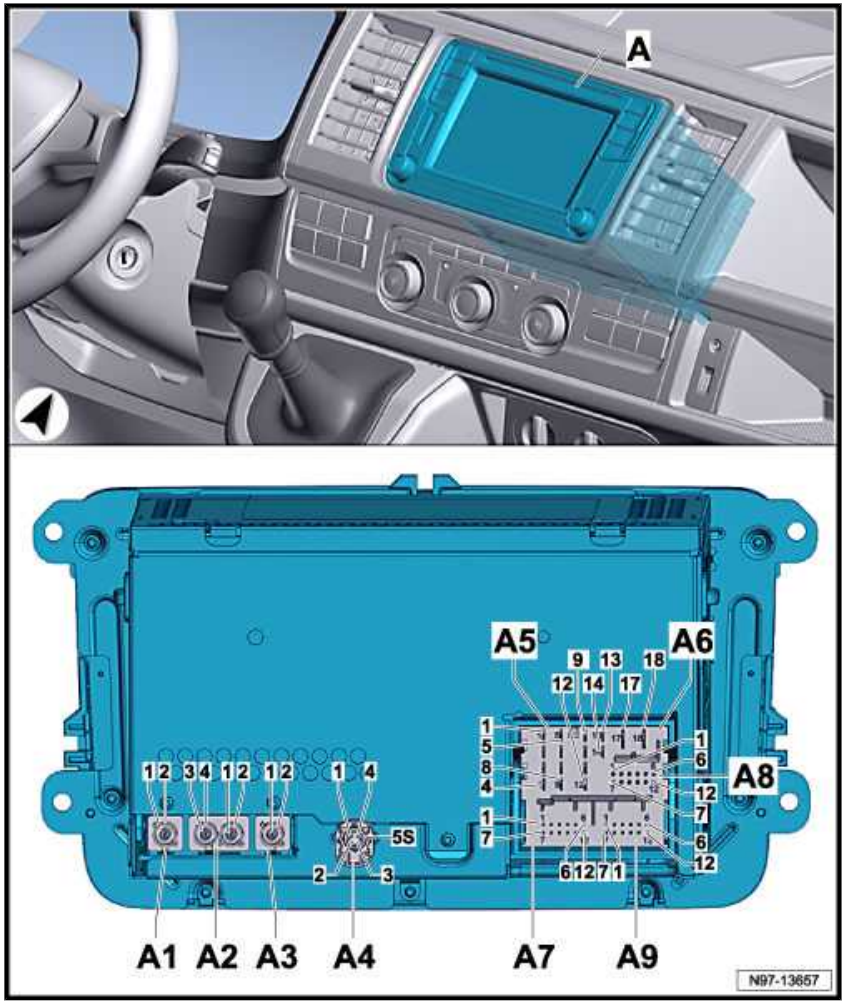
A7 - 12-pin connector -T12m- , blue

A8 - 12-pin connector -T12d- , grey

A9 - 12-pin connector -T12p- , green

Note

Only models with navigation system



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1.25 Control unit 1 for information electronics -J794-

1.25.1 Fitting location:

Dash panel - centre

A - Control unit 1 for information electronics -J794-

A1 - Single connector -T1be- , black

A2 - Single connector -T1ag- , white or 4-pin connector -T4bt- , white

A3 - 5-pin connector -T5g- , yellow

A4 - 8-pin connector -T8m- , brown

A5 - 8-pin connector -T8n- , black

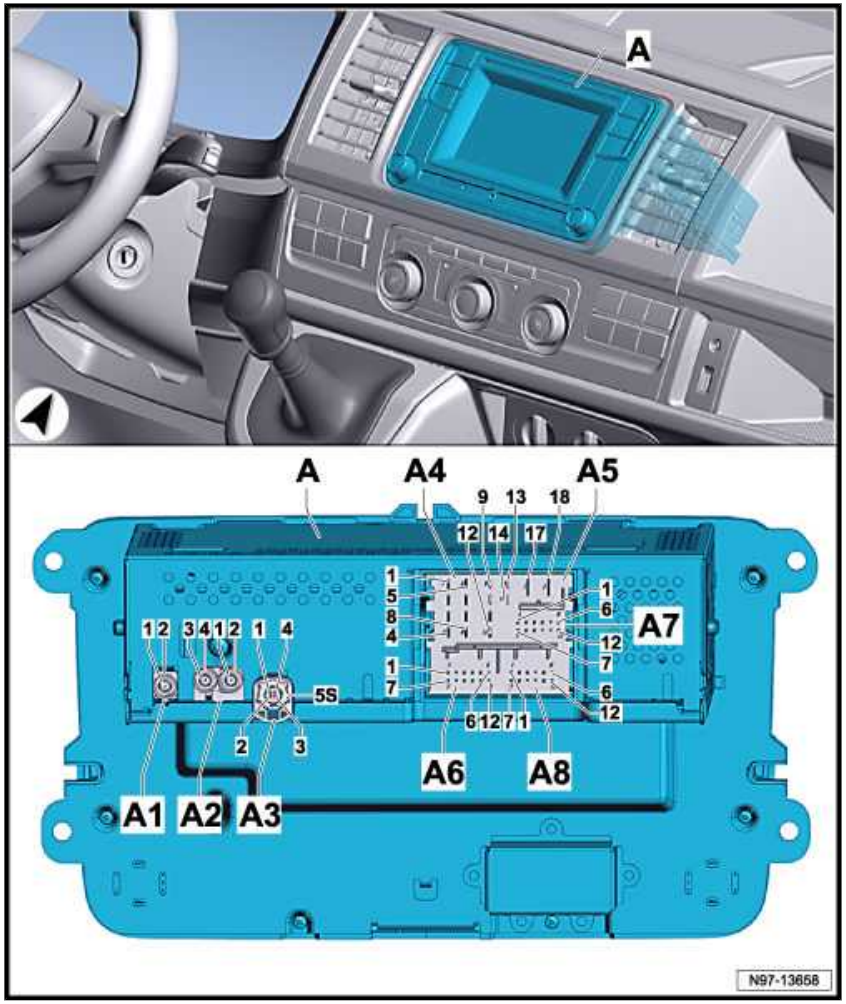
A6 - 12-pin connector -T12m- , blue

A7 - not assigned

A8 - 12-pin connector -T12p- , green

Note

Only models with no navigation system



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– Back to overview ⇒ page 1

1.26 Radio -R-

1.26.1 Fitting location:

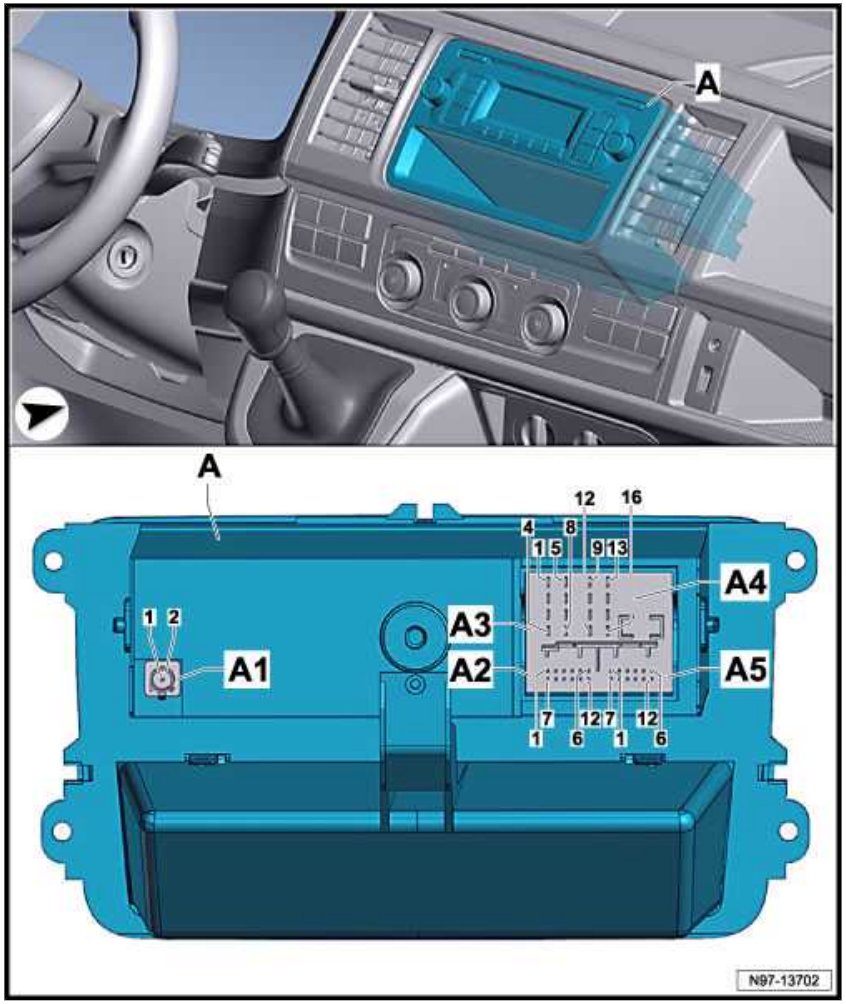
Dash panel - centre

A - Radio -R-

A1 - Single connector -T1be- , black

A2 - 8-pin connector -T8m- , brown

A3 - 8-pin connector -T8n- , black



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1.27 Tachograph -G24-

1.27.1 Fitting location:

on centre of dash panel.

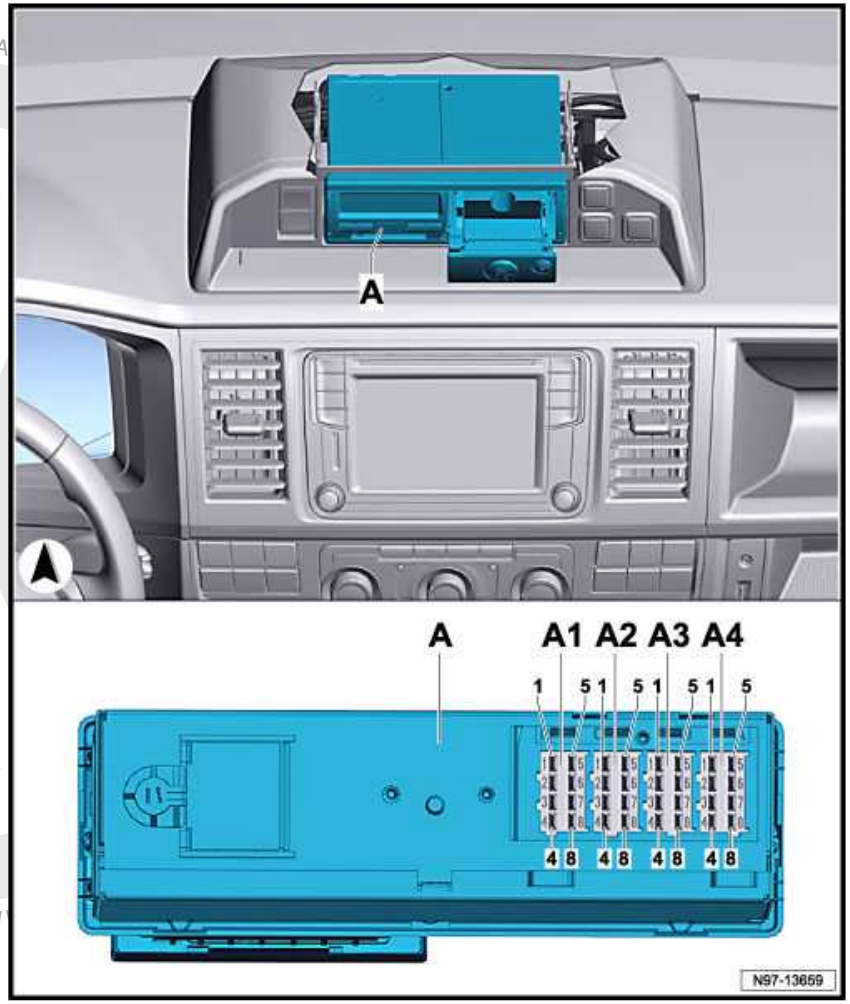
A - Tachograph -G24-

A1 - 8-pin connector -T8o- , white

A2 - 8-pin connector -T8p- , yellow

A3 - not assigned

A4 - 8-pin connector -T8q- , brown



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– Back to overview ⇒ page 1

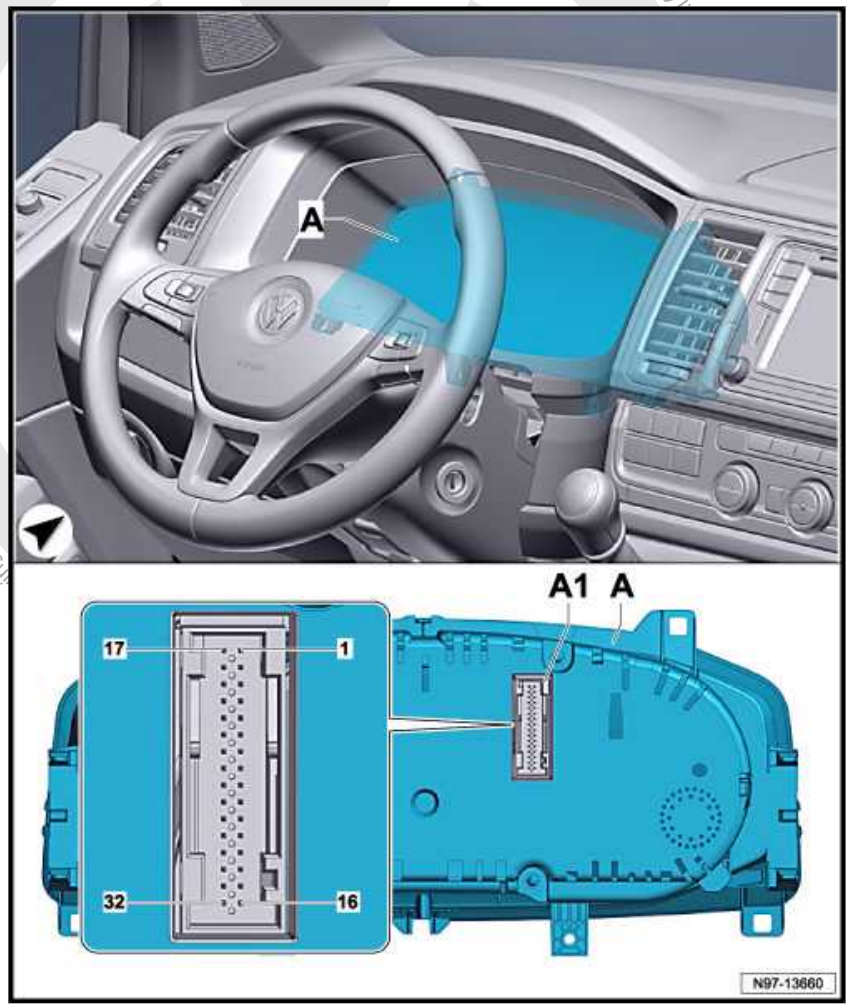
1.28 Control unit in dash panel insert -J285-

1.28.1 Fitting location:

in dash panel

A - Control unit in dash panel insert -J285-

A1 - 32-pin connector -T32- , blue



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1.29 Storage compartment with interface for mobile telephone -R265-

1.29.1 Fitting location for utility-vehicle dash panel:

under the upper glove compartment

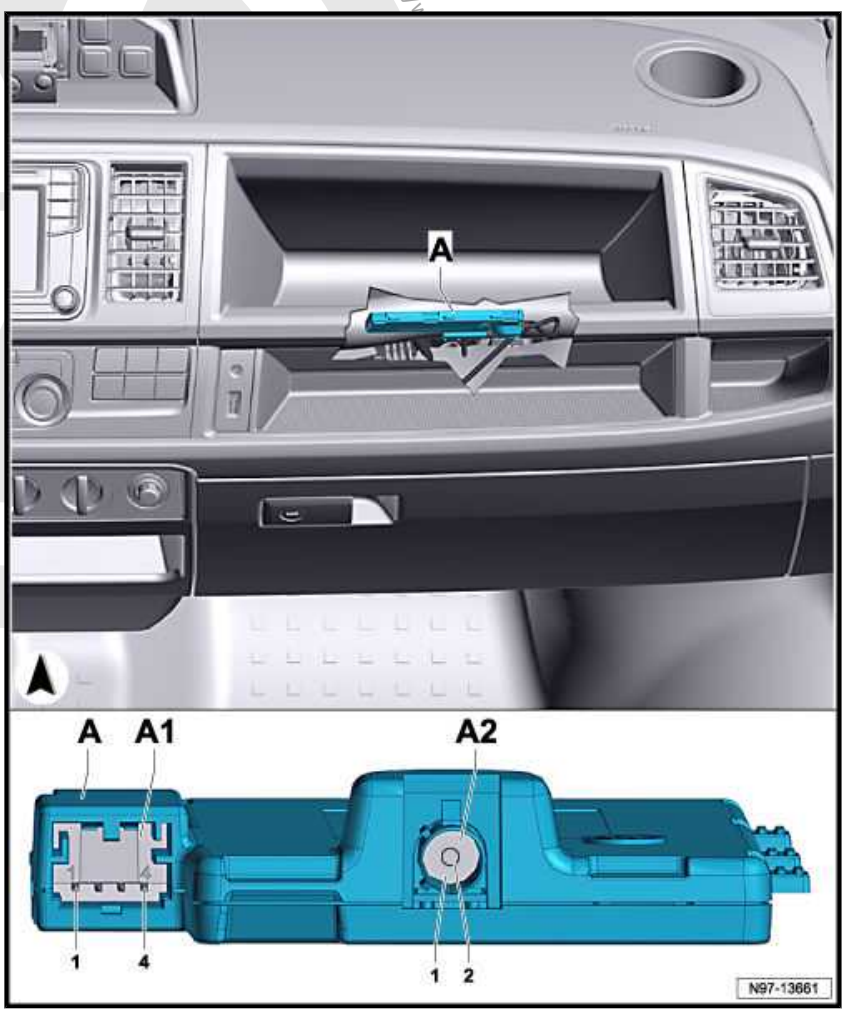
A - Storage compartment with interface for mobile telephone -R265-

A1 - 4-pin connector -T4l- , brown

A2 - Single connector -T1z- , purple

Note

Illustration is of a left-hand drive vehicle (L0L).



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1.29.2 Fitting location for Multivan dash panel:

under the storage tray in centre of dash panel

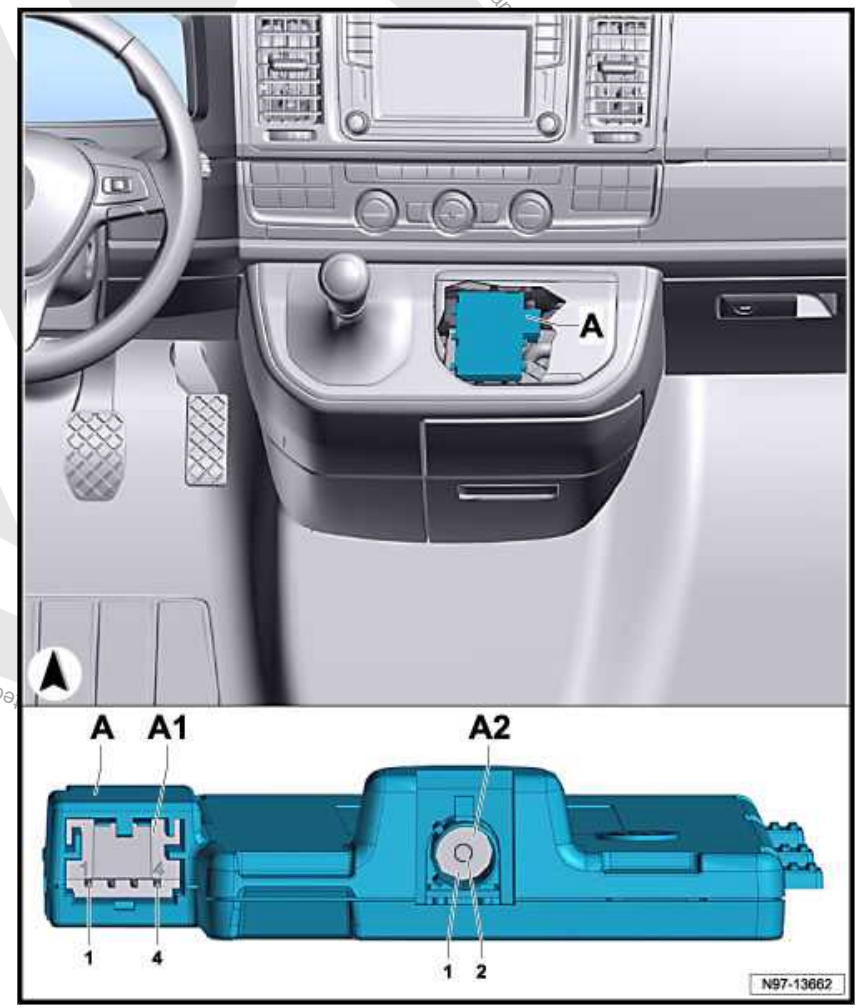
A - Storage compartment with interface for mobile telephone -R265-

A1 - 4-pin connector -T4l- , brown

A2 - Single connector -T1z- , purple

Note

Illustration is of a left-hand drive vehicle (L0L).



– Back to overview ⇒ page 1

1.30 USB hub -R293-

1.30.1 Fitting location:

Behind glove compartment

A - USB hub -R293-

A1 - 4-pin connector -T4bq- , red

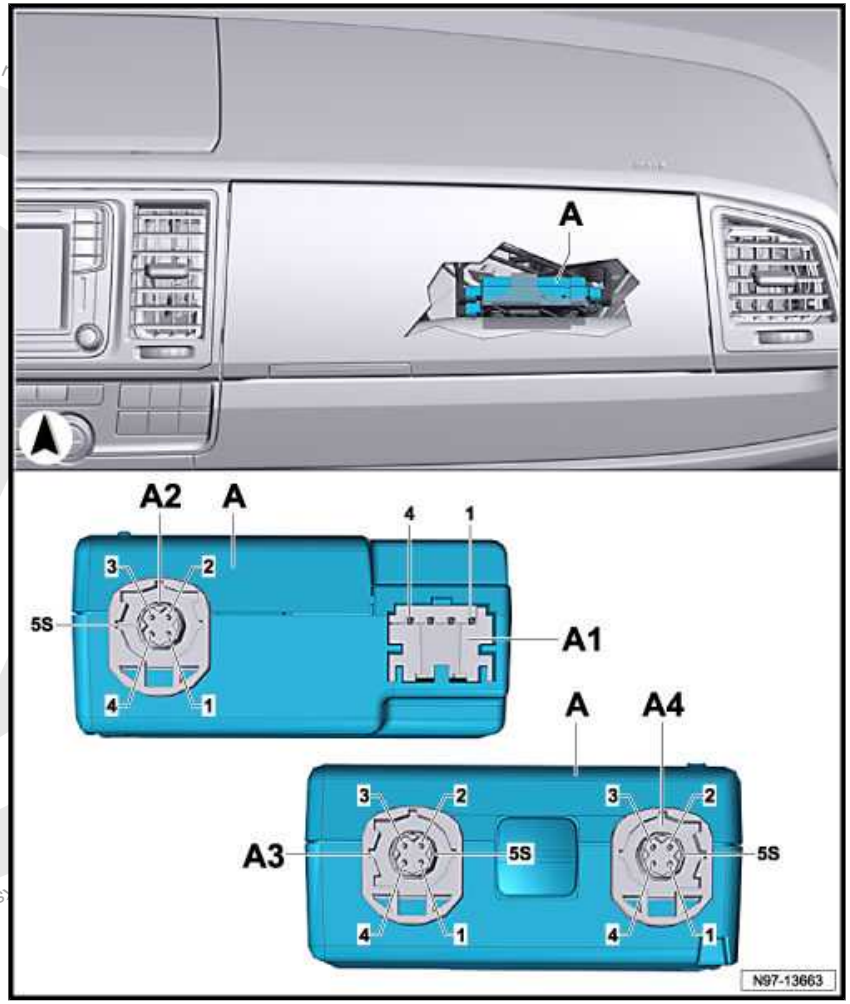
A2 - 5-pin connector -T5l- , purple

A3 - 5-pin connector -T5m- , brown

A4 - 5-pin connector -T5k- , green

Note

Illustration is of a left-hand drive vehicle (LOL).



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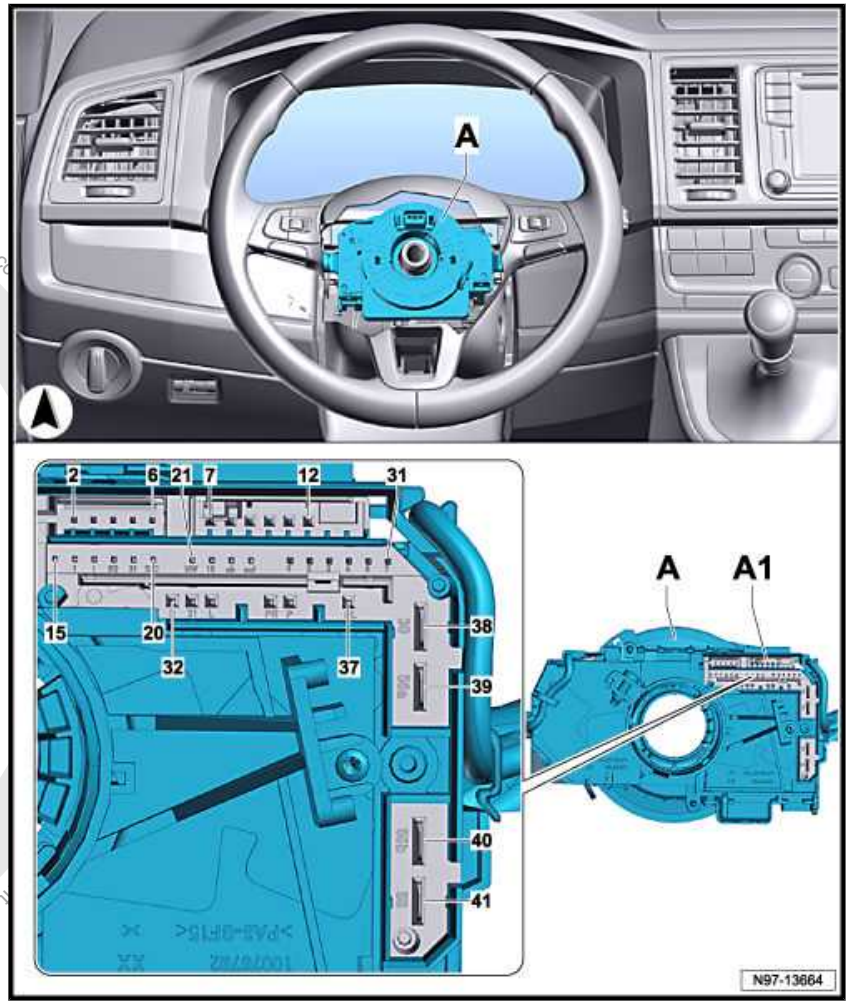
1.31 Steering column combination switch -E595-

1.31.1 Fitting location:

on steering column

A - Steering column combination switch -E595-

A1 - 41-pin connector -T41- , grey



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– Back to overview ⇒ page 1

1.32 Electronically controlled damping control unit -J250- , headlight range control unit -J431-

1.32.1 Fitting location for left-hand drive vehicles (L0L):

behind dash panel, left

A - Electronically controlled damping control unit -J250-

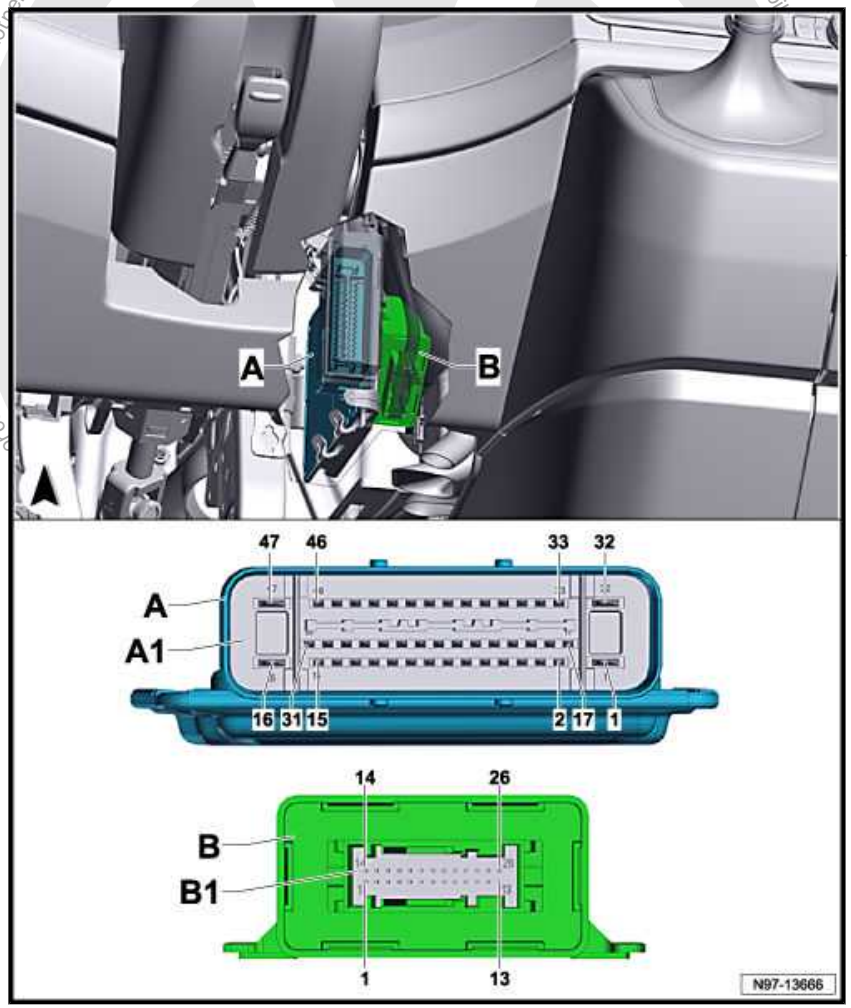
A1 - 47-pin connector -T47a- , black

B - Headlight range control unit -J431-

B1 - 26-pin connector -T26c- , black

Note

Illustration is of a left-hand drive vehicle (L0L).



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1.32.2 Fitting location for right-hand drive vehicles (L0R):

behind dash panel, right

A - Electronically controlled damping control unit -J250-

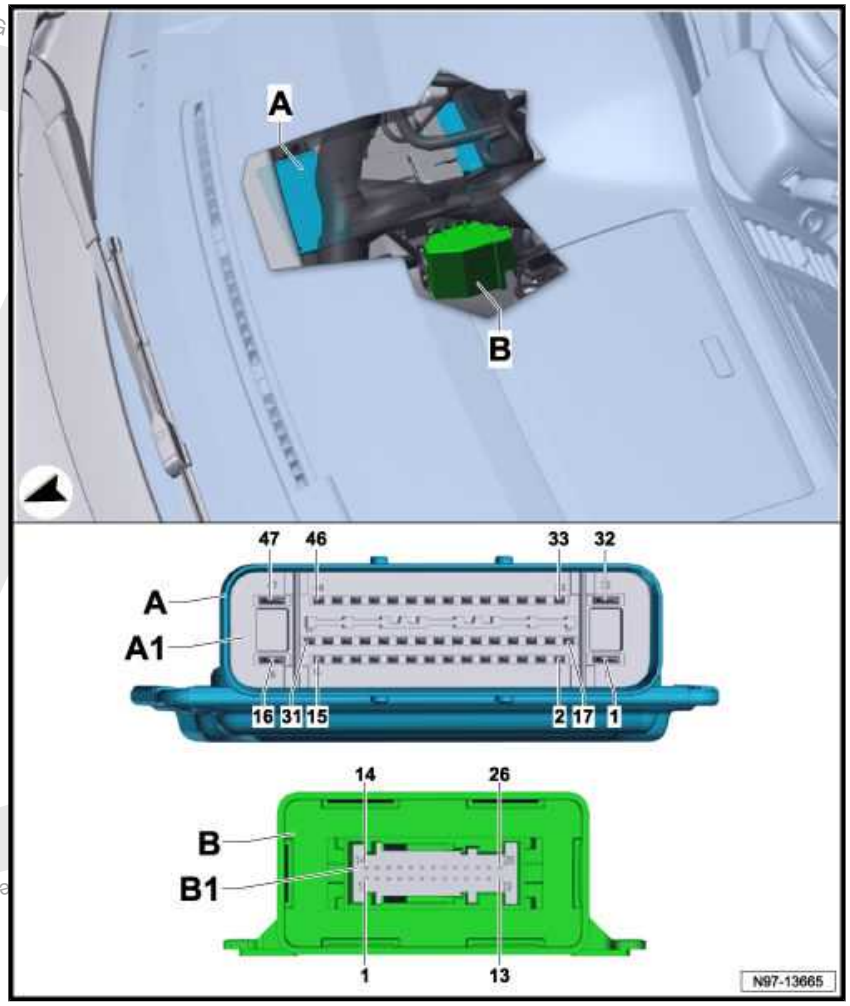
A1 - 47-pin connector -T47a- , black

B - Headlight range control unit -J431-

B1 - 26-pin connector -T26c- , black

Note

Illustration is of a right-hand drive vehicle (L0R).



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– Back to overview ⇒ page 1

1.33 Heated front seats control unit -J774-

1.33.1 Fitting location:

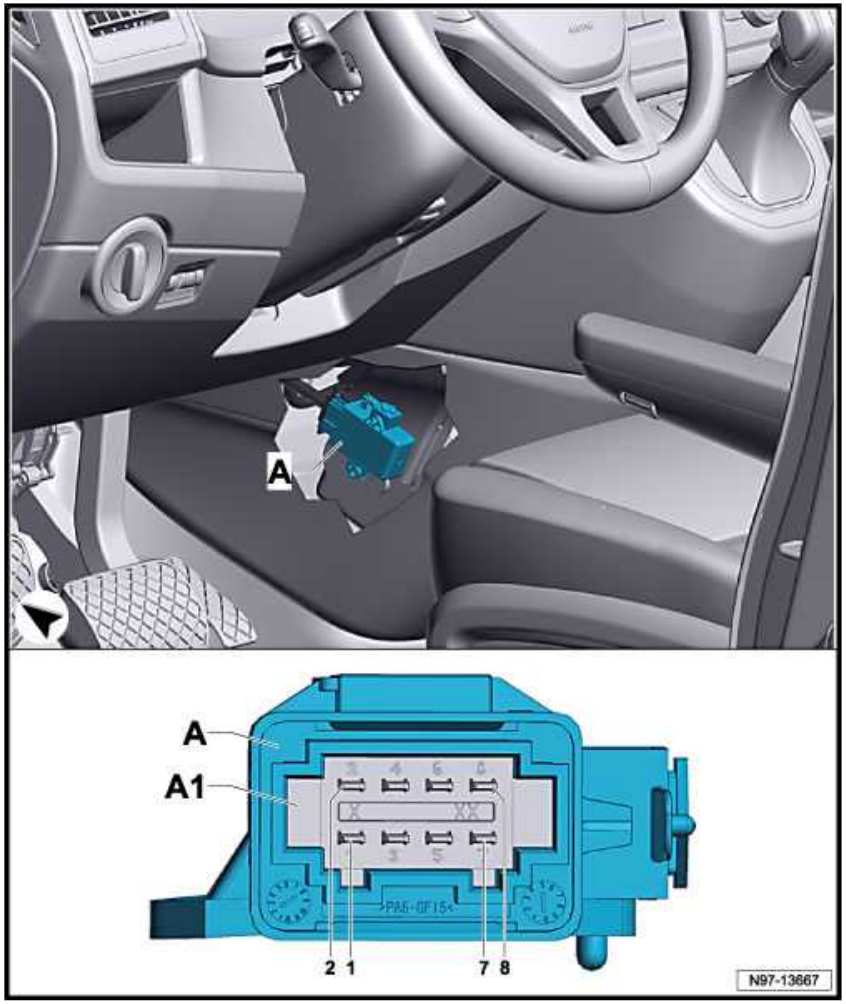
behind dash panel, centre, on central arch

A - Heated front seats control unit -J774-

A1 - 8-pin connector -T8t- , black

Note

Illustration is of a left-hand drive vehicle (L0L).



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– Back to overview ⇒ page 1

1.34 Remote control receiver for auxiliary heater -R64- , remote control receiver for auxiliary coolant heater -R149-

1.34.1 Fitting location:

behind dash panel, left

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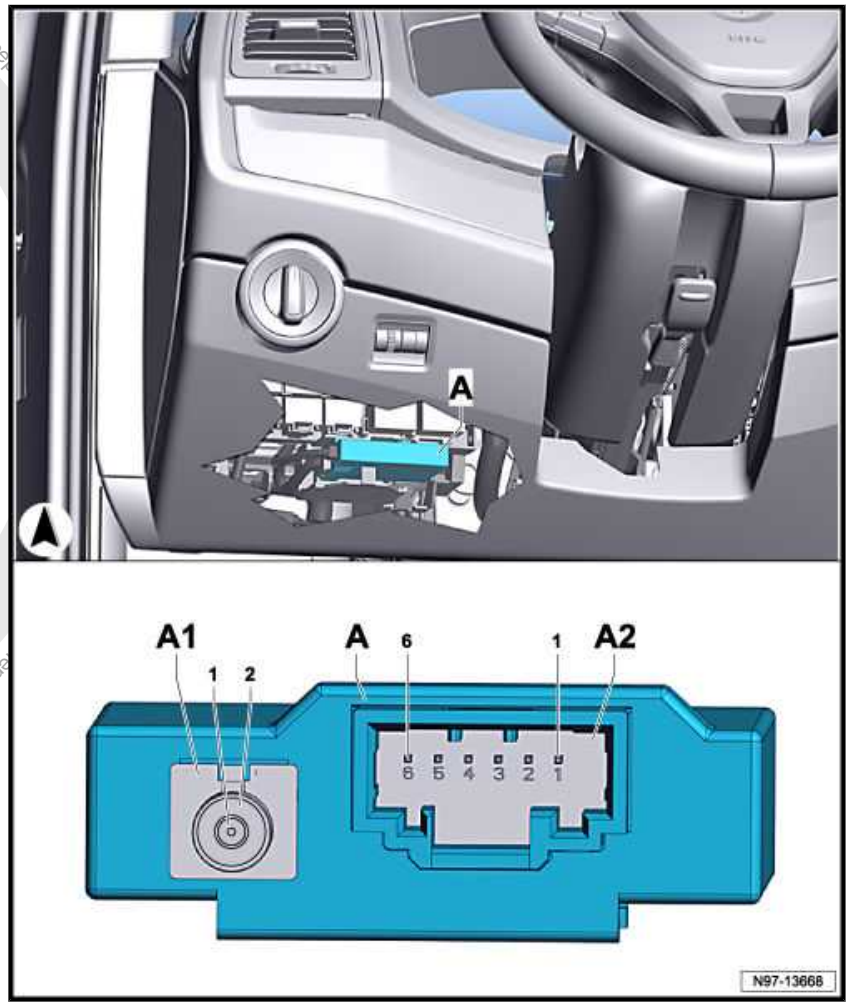
A - Remote control receiver for auxiliary heater -R64- or remote control receiver for auxiliary coolant heater -R149-

A1 - Single connector -T1bc- , yellow

A2 - 6-pin connector -T6an- , blue

Note

- *Illustration is of a left-hand drive vehicle (L0L).*
- *Remote control receiver for right-hand drive vehicle (L0R) is behind dash panel, right.*



– Back to overview ⇒ page 1

1.35 Parking aid control unit -J446-

1.35.1 Fitting location:

behind dash panel, left

A - Parking aid control unit -J446-

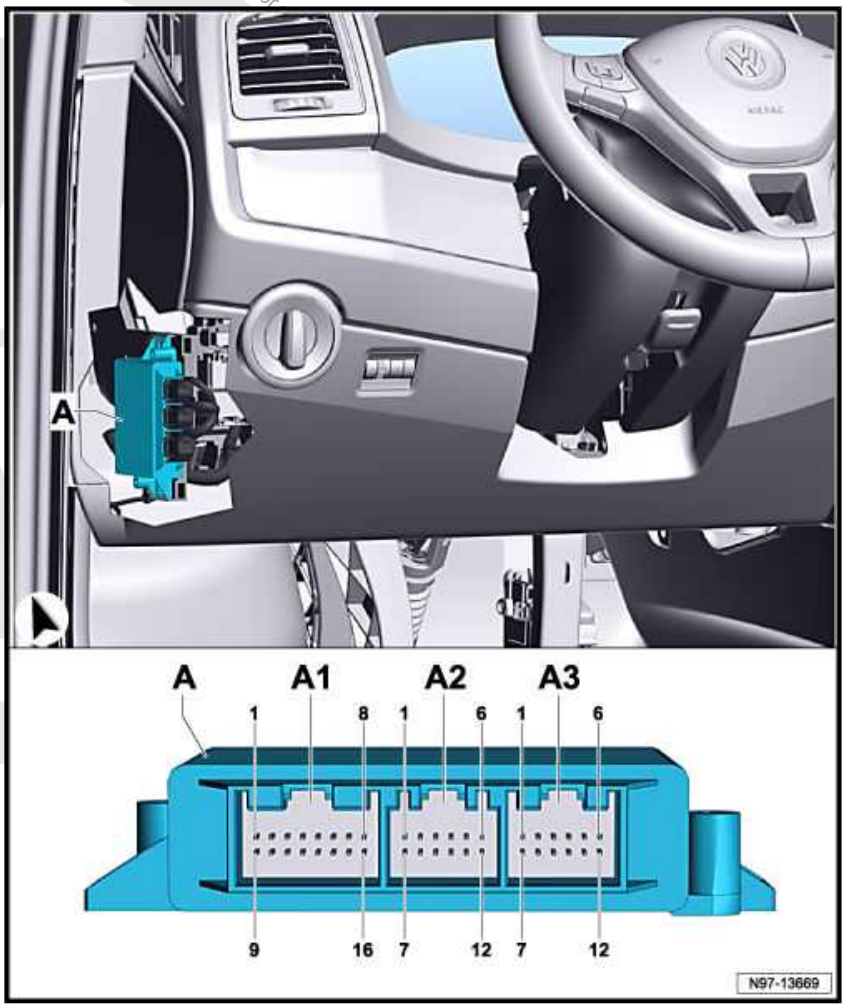
A1 - 16-pin connector -T16h- , brown

A2 - 12-pin connector -T12r- , brown

A3 - 12-pin connector -T12s- , black

Note

- *Illustration is of a left-hand drive vehicle (L0L).*
- *The parking aid control unit -J446- for right-hand drive vehicles (L0R) is located behind dash panel, right.*



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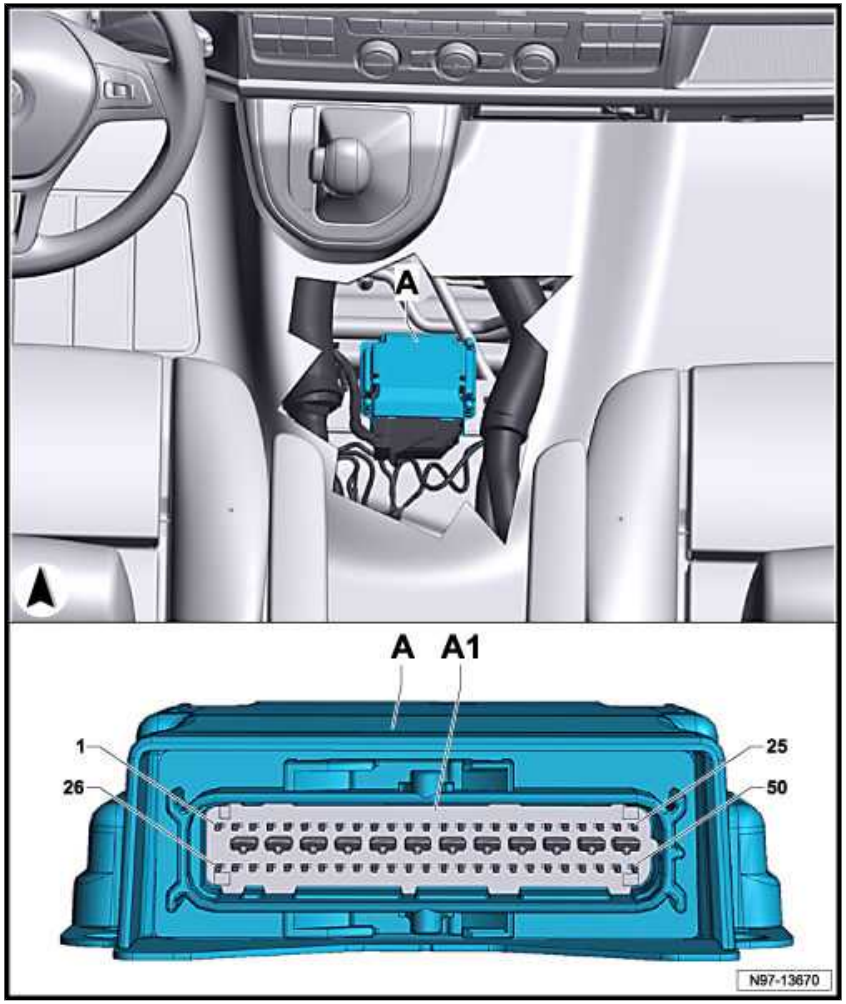
1.36 Airbag control unit -J234-

1.36.1 Fitting location:

In centre under dash panel

A - Airbag control unit -J234-

A1 - 50-pin connector -T50- , yellow



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– Back to overview ⇒ page 1

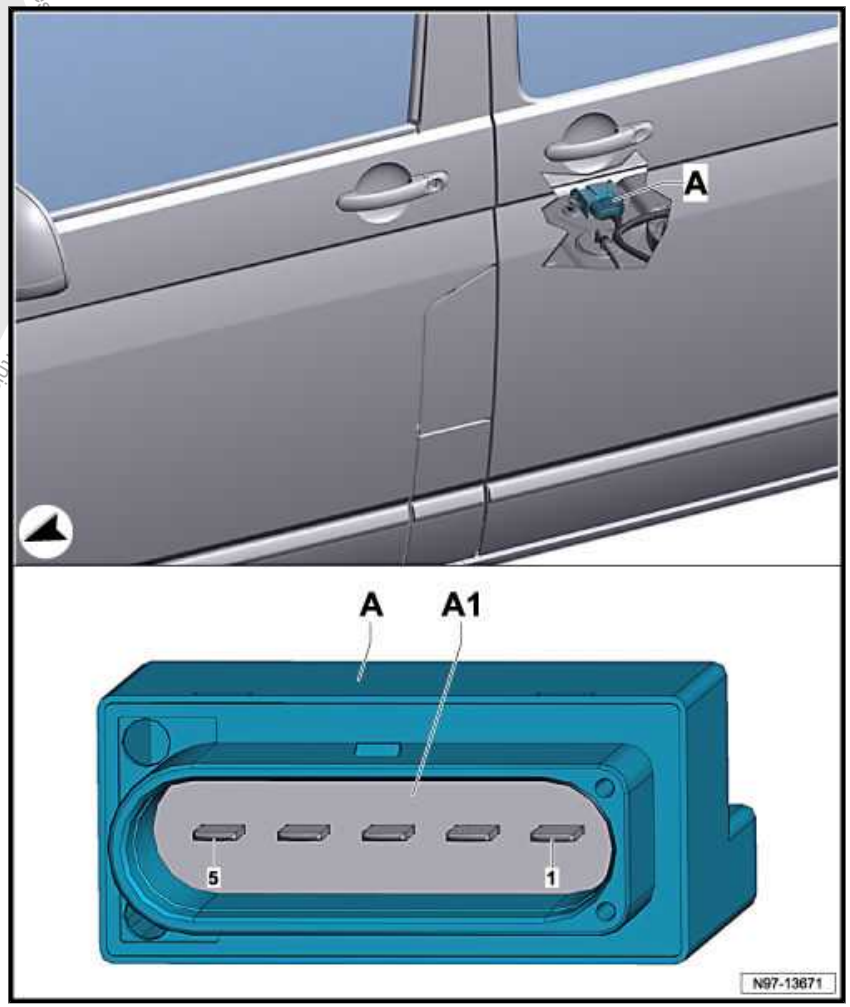
1.37 Fuel pump control unit -J538-

1.37.1 Fitting location:

on the fuel tank

A - Fuel pump control unit -J538-

A1 - 5-pin connector -T5t- , black



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– Back to overview ⇒ page 1

1.38 Driver door control unit -J386- , front passenger door control unit -J387-

1.38.1 Fitting location:

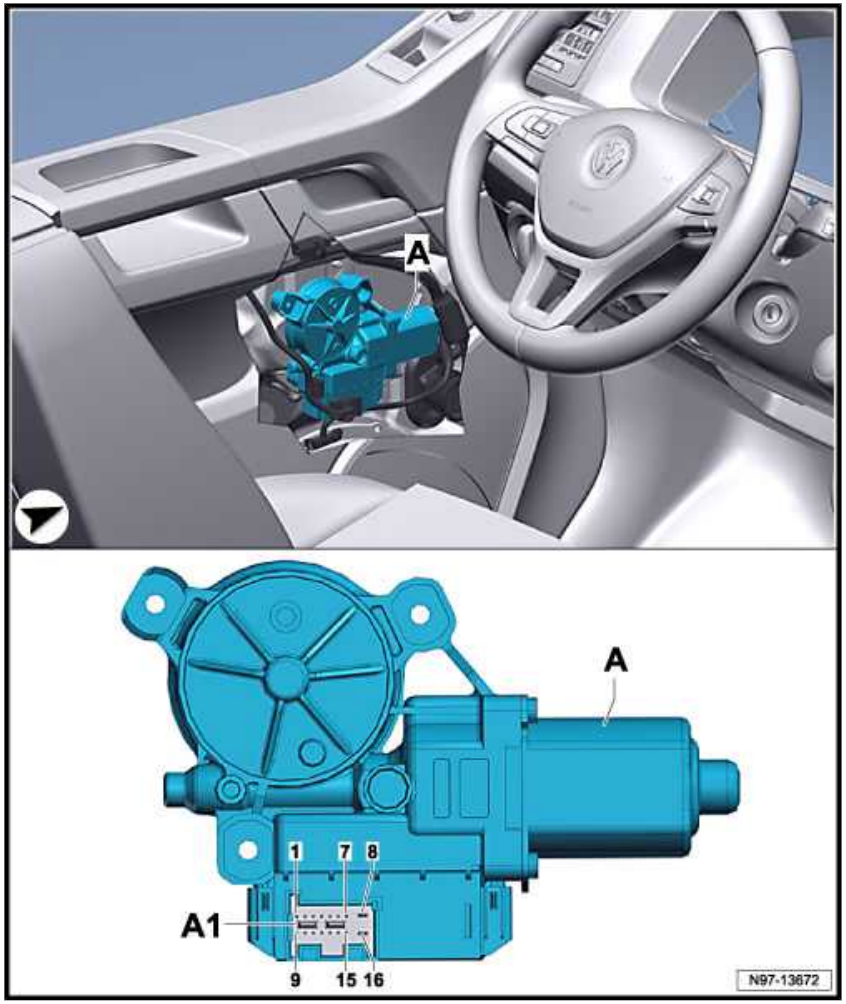
behind door trim.

A - Driver door control unit -J386- or front passenger door control unit -J387-

A1 - 16-pin connector -T16k- or -T16l- , black

Note

Illustration is of a left-hand drive vehicle (L0L).



– Back to overview ⇒ page 1

1.39 Two-way signal amplifier for mobile telephone/data services -J984-

1.39.1 Fitting location:

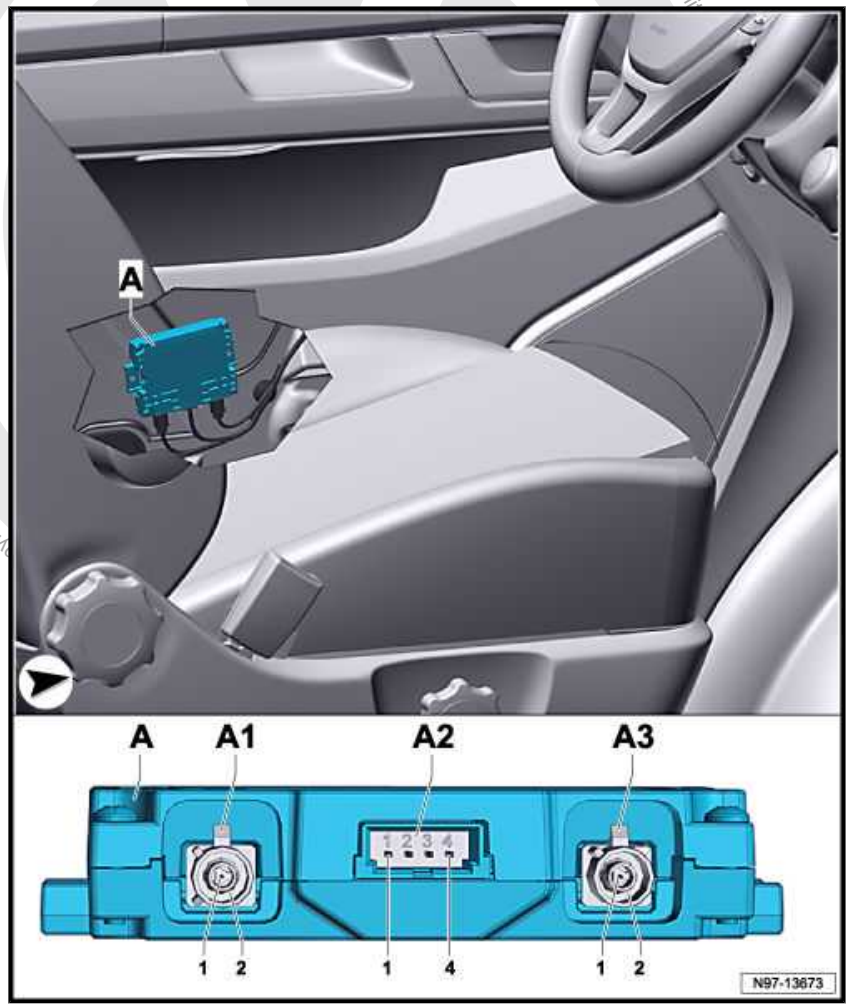
behind door trim, left.

A - Two-way signal amplifier for mobile telephone/data services -J984-

A1 - Single connector -T1bg- , purple

A2 - 4-pin connector -T4o- , black

A3 - Single connector -T1bf- , black



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– Back to overview ⇒ page 1

1.40 Onboard supply control unit -J519-

1.40.1 Fitting location:

behind dash panel, left

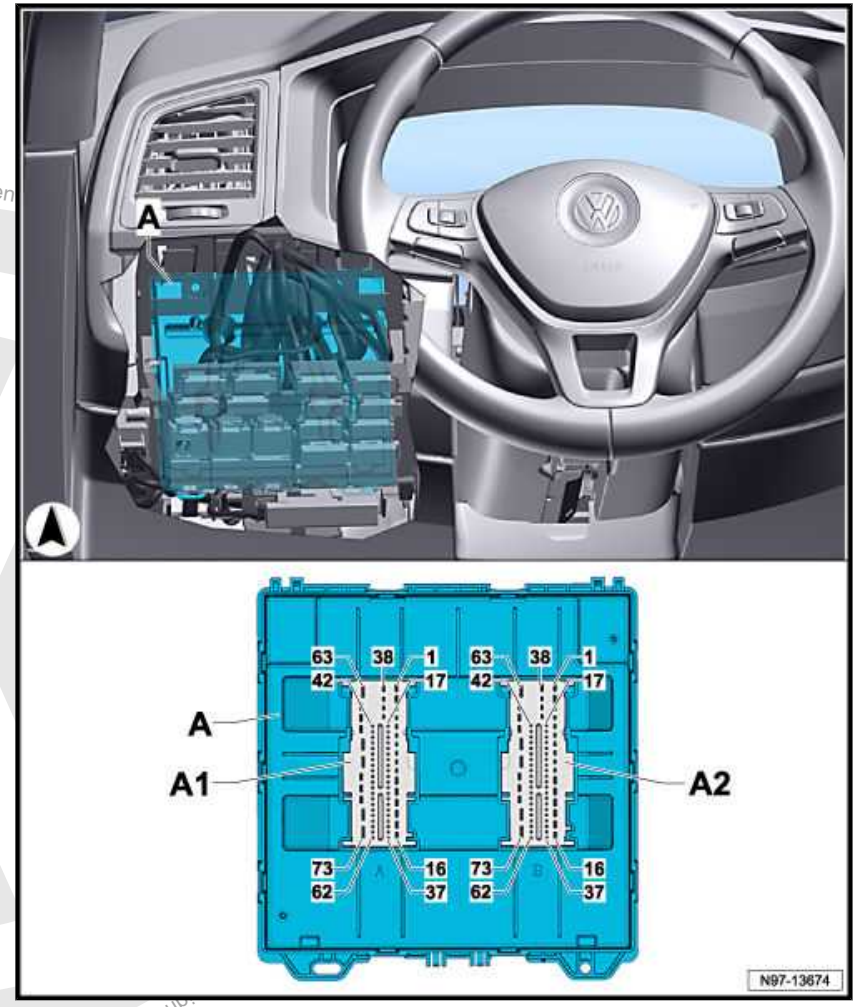
A - Onboard supply control unit -J519-

A1 - 73-pin connector -T73a- , black

A2 - 73-pin connector -T73b- , white

Note

- *Illustration is of a left-hand drive vehicle (L0L).*
- *The onboard supply control unit -J519- for right-hand drive vehicle (L0R) is behind dash panel, right.*



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– Back to overview ⇒ page 1

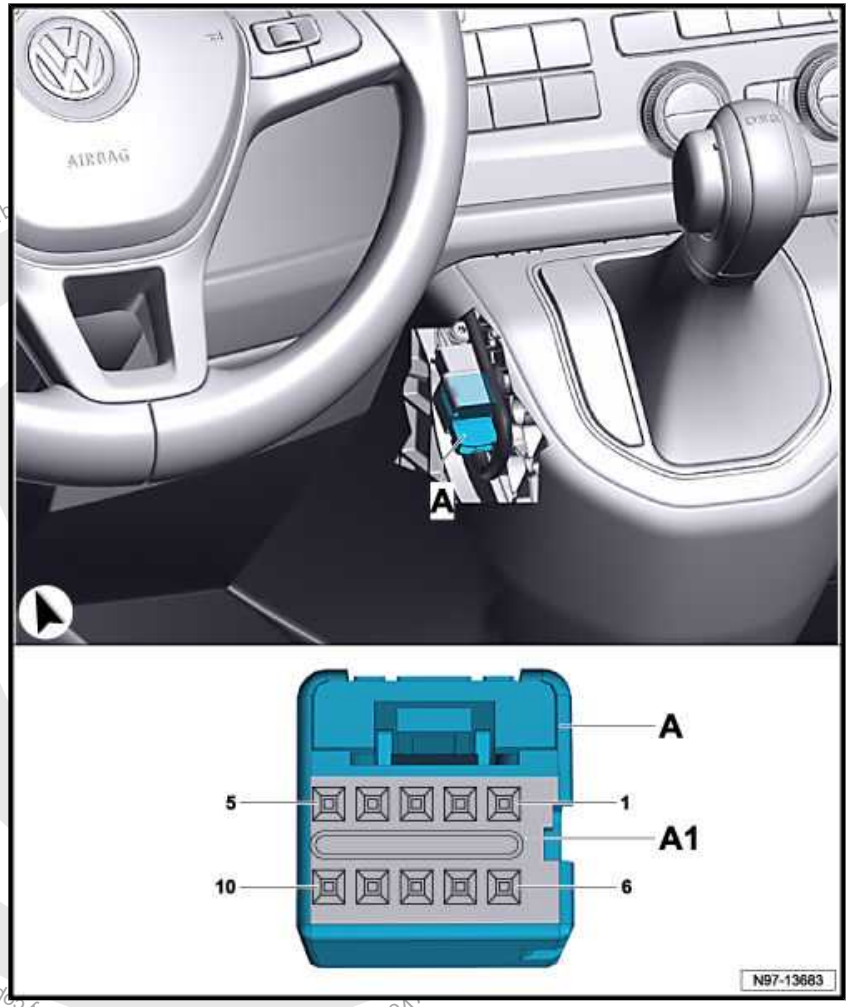
1.41 Selector lever -E313-

1.41.1 Fitting location:

on selector lever

A - Selector lever -E313-

A1 - 10-pin connector -T10an- , black



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– Back to overview ⇒ page 1

1.42 Emergency call module control unit and communication unit -J949-

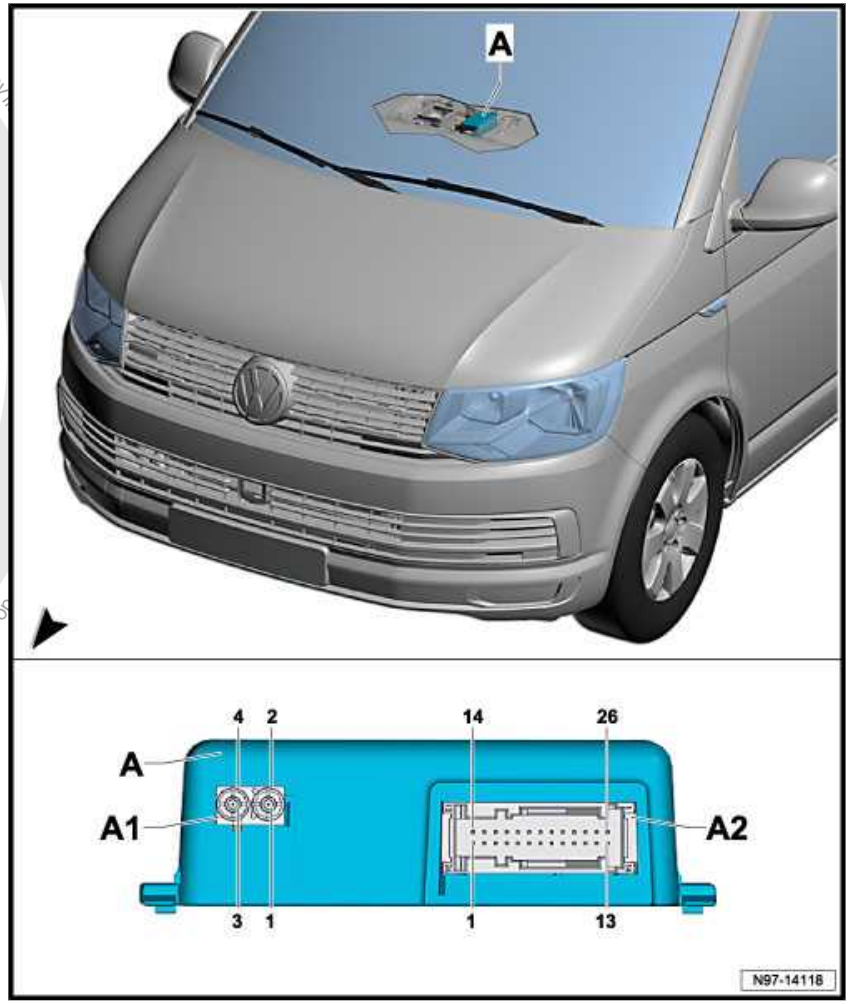
1.42.1 Fitting location:

On the control panel, in the middle

A - Emergency call module control unit and communication unit -J949-

A1 - 4-pin connector -T4cu- , purple

A2 - 26-pin connector -T26e- , black



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Note

Only models with emergency call module

– Back to overview ⇒ page 1

1.43 Accident data memory -J754-

1.43.1 Fitting location:

in right seat box

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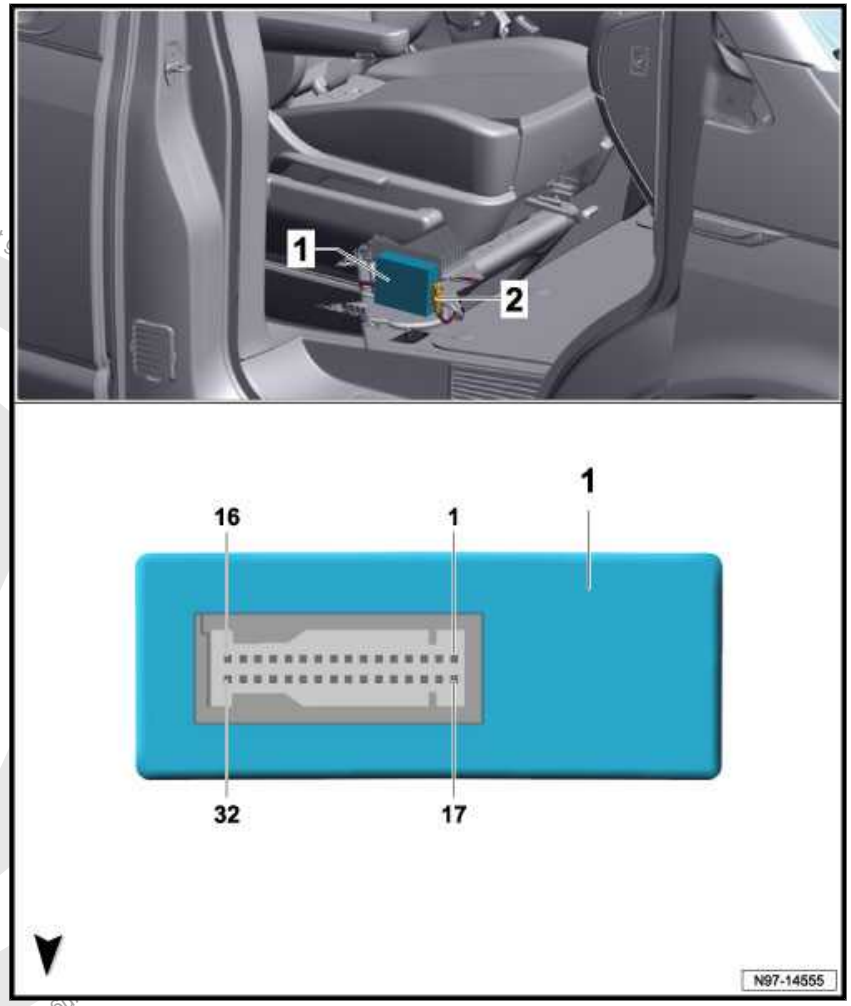
1 - Accident data memory -J754-

2 - 26-pin connector -T26a- , black



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Note

Only for models with accident data recorder

– Back to overview ⇒ page 1

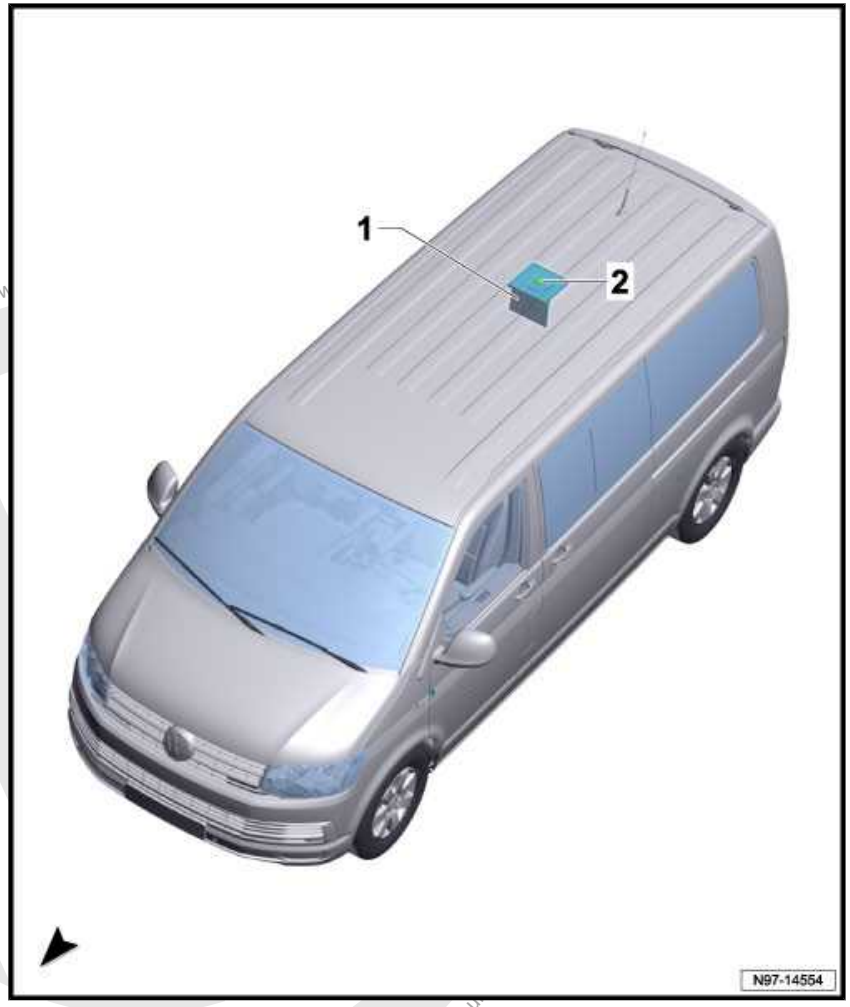
1.44 Main suppression filter -C8- and multimedia system display unit 1 -Y22-

1.44.1 Fitting location:

on roof, in middle

A - Multimedia system display unit 1 -Y22-

B - Main suppression filter -C8-



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Note

only for models with RSE system, 10.2 inches or 15.4 inches

– Back to overview ⇒ page 1

1 Control units in rear part of vehicle

1 - Rear lid power opening control unit -J938- Fitting location: ⇒ page 2

2 - Right sliding door control unit -J731- Fitting location: ⇒ page 6 or ⇒ page 5

3 - Lane change assist control unit 2 -J770- Fitting location: ⇒ page 4

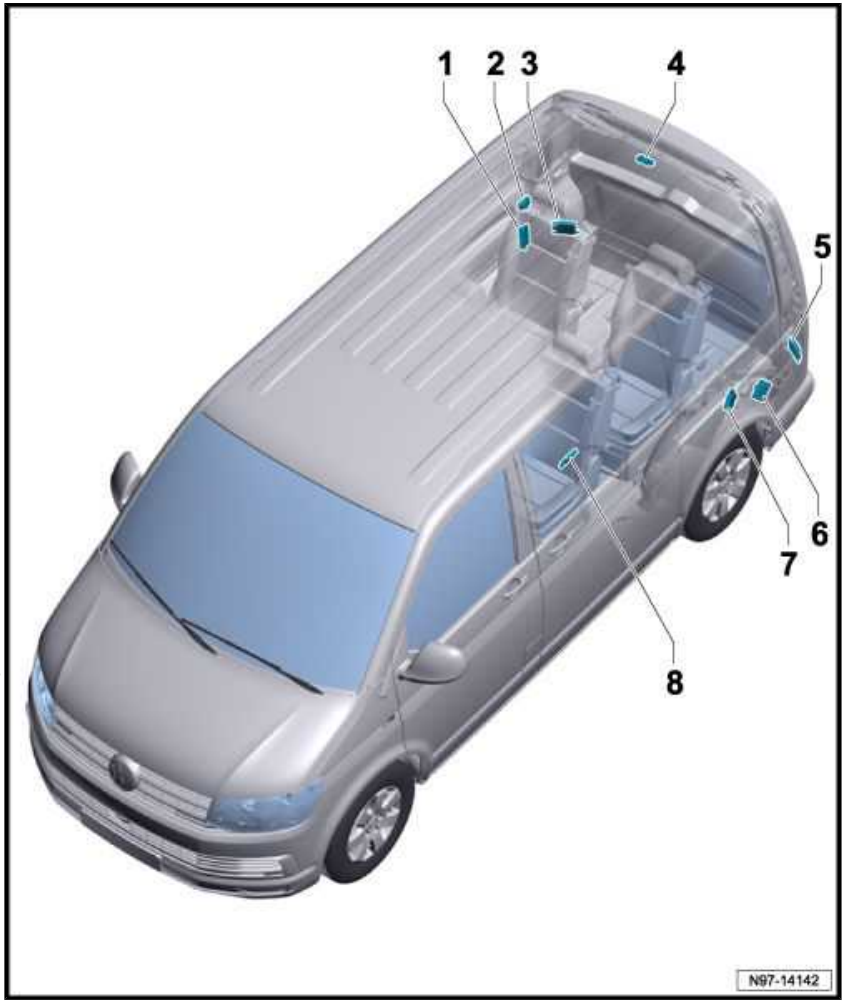
4 - Interior monitor send and receive module 2 -G305- Fitting location: ⇒ page 3

5 - Lane change assist control unit -J769- Fitting location: ⇒ page 4

6 - Left sliding door control unit -J558- , Rear lid control unit -J605- Fitting location: ⇒ page 6 or ⇒ page 5

7 - Reading light relay -J91- Fitting location: ⇒ page 9

8 - All-wheel drive control unit -J492- Fitting location: ⇒ page 8



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1.1 Rear lid power opening control unit -J938-

1.1.1 Fitting location:

behind side trim, near right D-pillar

A - Rear lid power opening control unit -J938-

A1 - 26-pin connector -T26d- , black

A2 - 4-pin connector -T4r- , black

A3 - 5-pin connector -T5x- , black

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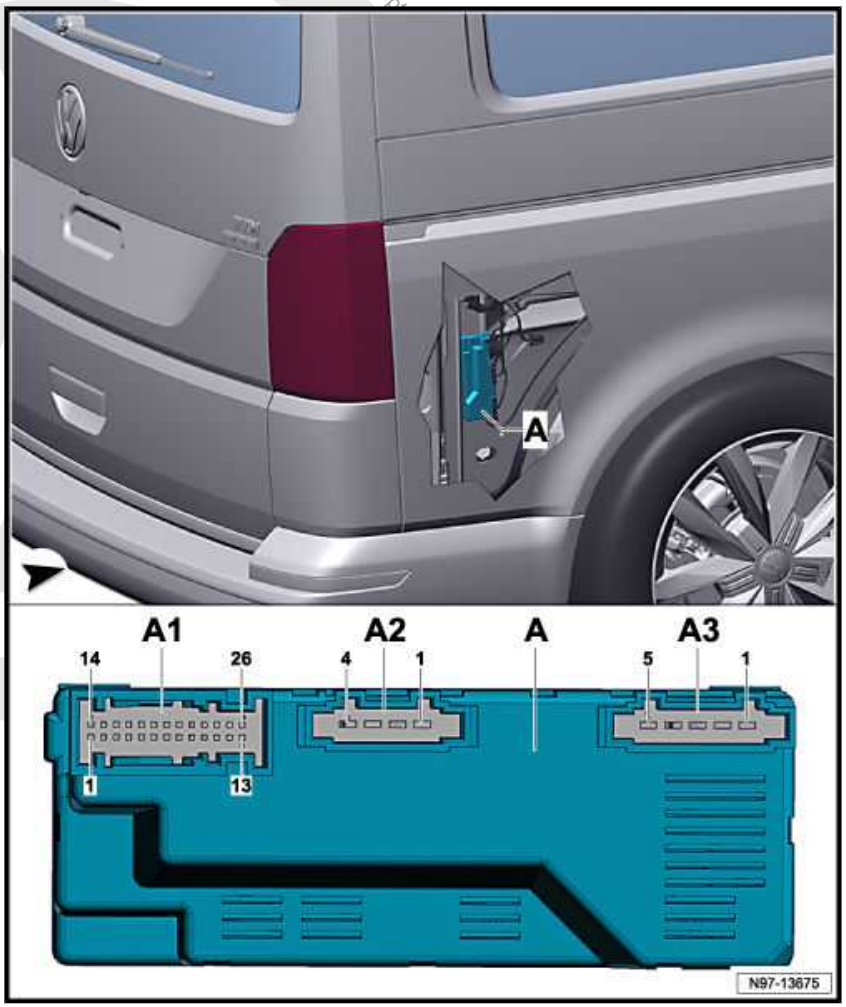

– Back to overview ⇒ page 1

1.2 Interior monitor send and receive module 2 -G305-

1.2.1 Fitting location:

in rear part of roof, middle

A - Interior monitor send and receive module 2 -G305-

A1 - 4-pin connector -T4bl- , black

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– Back to overview ⇒ page 1

1.3 Lane change assist control unit -J769- , lane change assist control unit 2 -J770-

1.3.1 Fitting location:

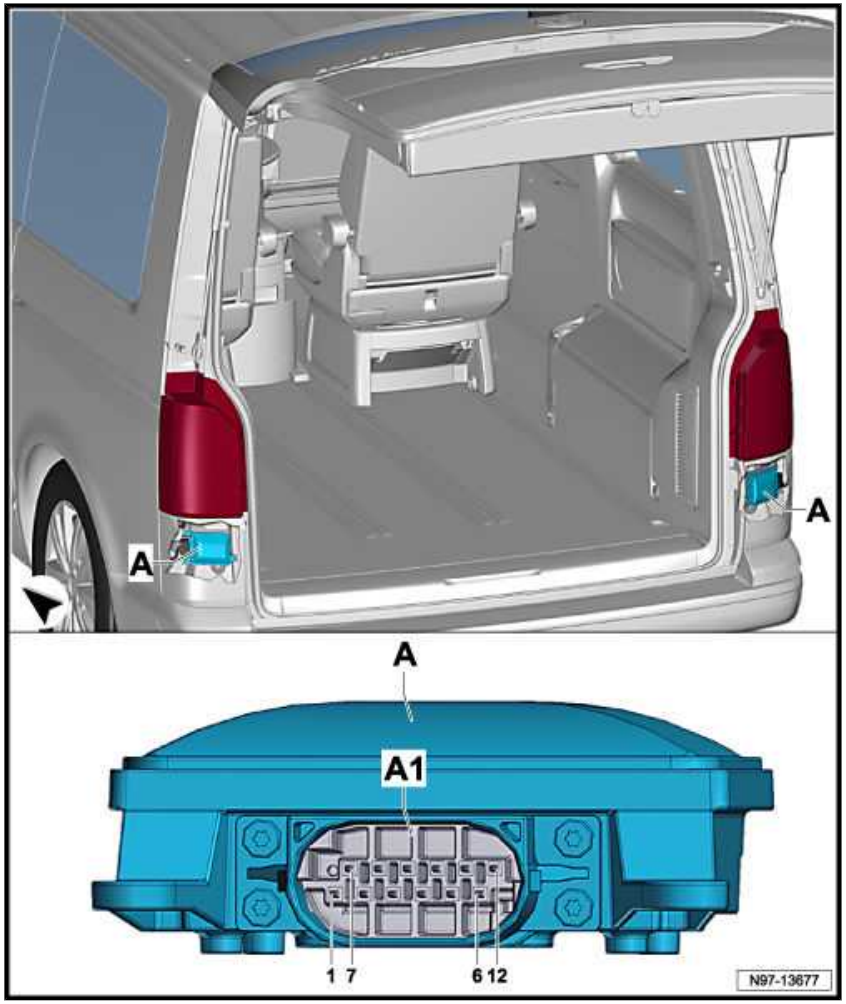
under the left tail light -MX3- / right tail light -MX4-

A - Lane change assist control unit -J769- , lane change assist control unit 2 -J770-

A1 - 12-pin connector -T12aa- or -T12ab- , black

Note

- *Lane change assist control unit -J769- left*
- *Lane change assist control unit 2 -J770- right*



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– Back to overview ⇒ page 1

1.4 Left sliding door control unit -J558- / Right sliding door control unit -J731-

1.4.1 Fitting location:

behind side panel, near left/right D-pillar

A - Left sliding door control unit -J558- / Right sliding door control unit -J731-

A1 - 6-pin connector -T6ag- / -T6aj- , black

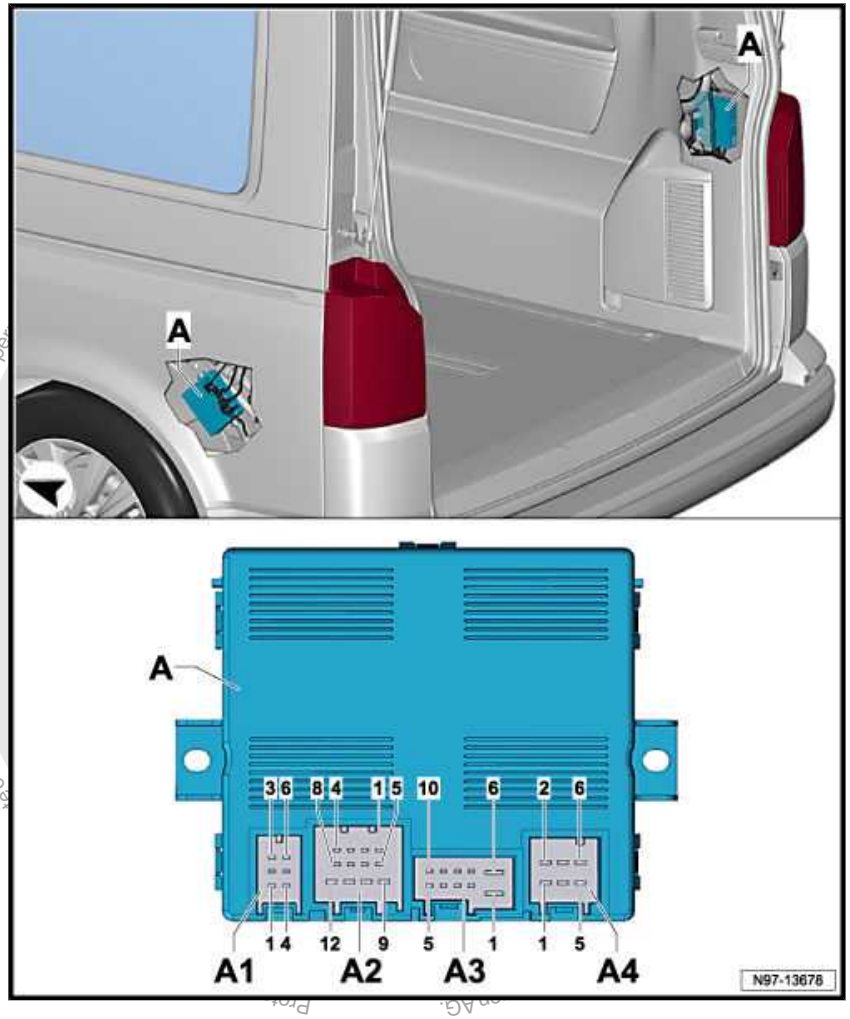
A2 - 12-pin connector -T12k- , -T12l- , black

A3 - 10-pin connector -T10aw- , -T10ax- , black

A4 - 6-pin connector -T6ah- , -T6ak- , light brown

Note

Only models with electric sliding door



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– Back to overview ⇒ page 1

1.5 Left sliding door control unit -J558- , rear lid control unit -J605- and right sliding door control unit -J731-

1.5.1 Fitting location:

behind side panel, near left/right D-pillar

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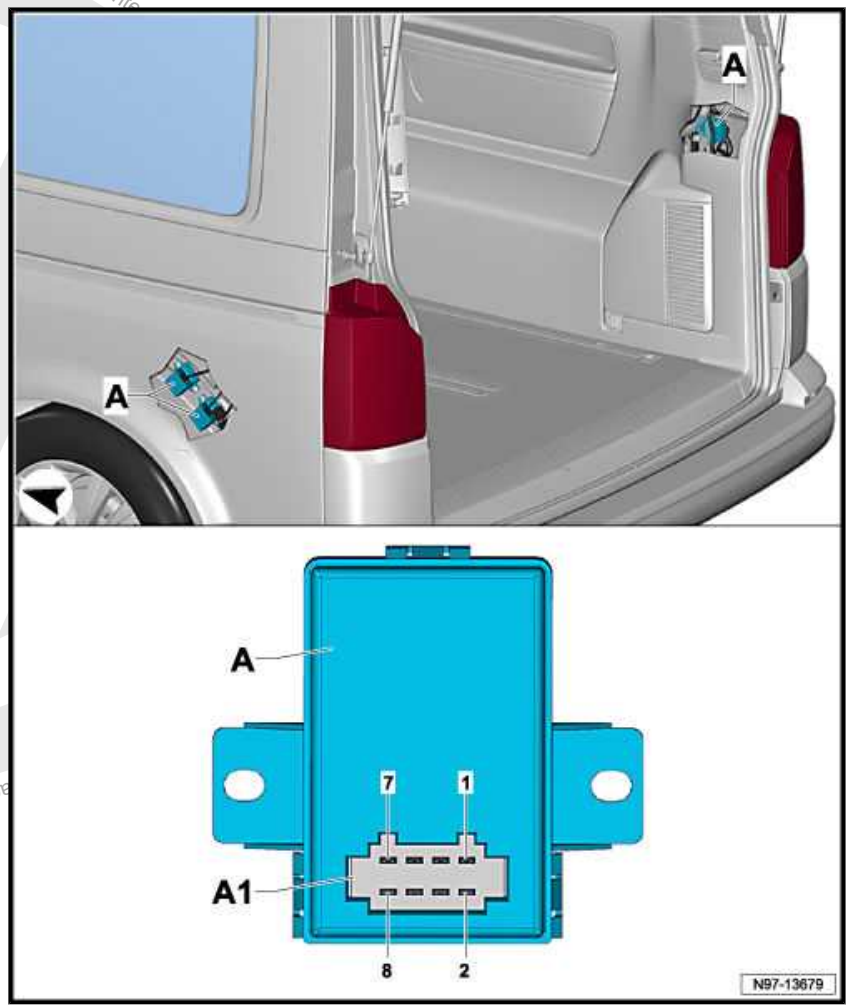
A - Left sliding door control unit -J558- , rear lid control unit -J605- and right sliding door control unit -J731-

A1 - 8-pin connector -T8w- , -T8x- and -T8y- , black



Note

- *Only models with electric power latching system, with no electric sliding door*
- *Left sliding door control unit -J558- and rear lid control unit -J605- left*
- *Right sliding door control unit -J731- right*

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1.6 All-wheel drive control unit -J492-

1.6.1 Fitting location:

on rear final drive

A - All-wheel drive control unit -J492-

A1 - 8-pin connector -T8ad-, black

A2 - 2-pin connector -T2aa- , black

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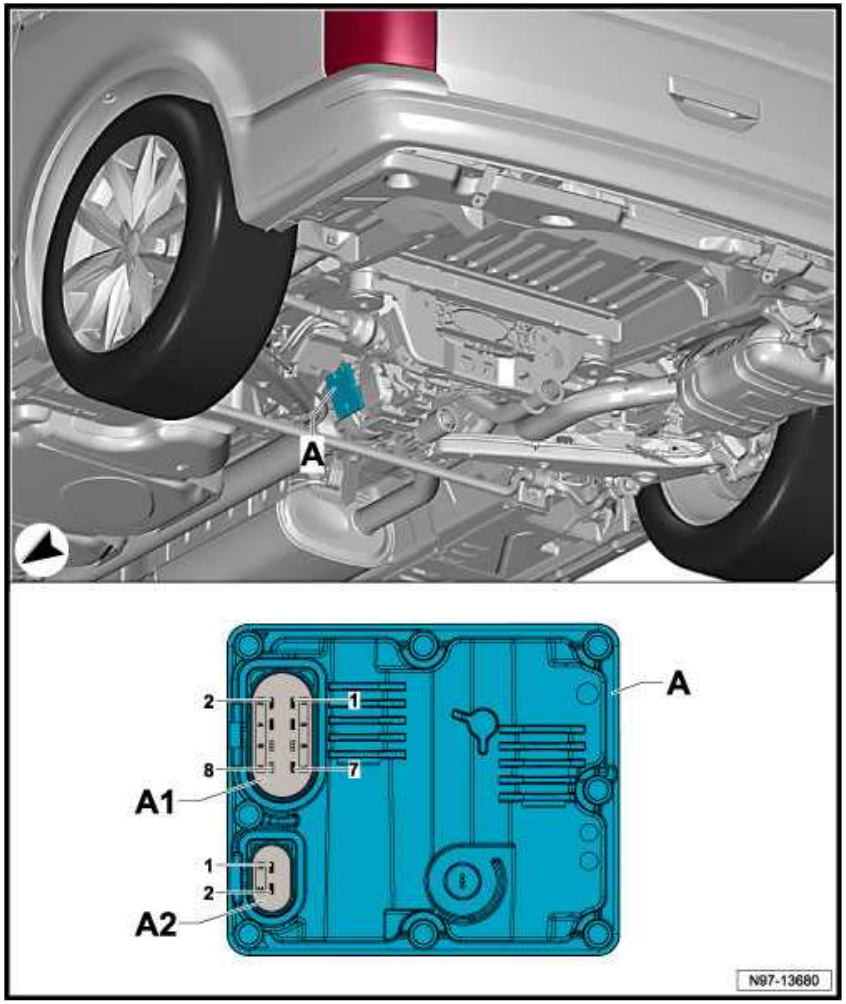

– Back to overview ⇒ page 1

1.7 Reading light relay -J91-

1.7.1 Fitting location:

Near wheel housing, rear left

A - Reading light relay -J91- [1)]

A1 - 17-pin connector -T17u- , black [1)]

Note

[1)] only for models with camping equipment, for models with business equipment under rear bench seat

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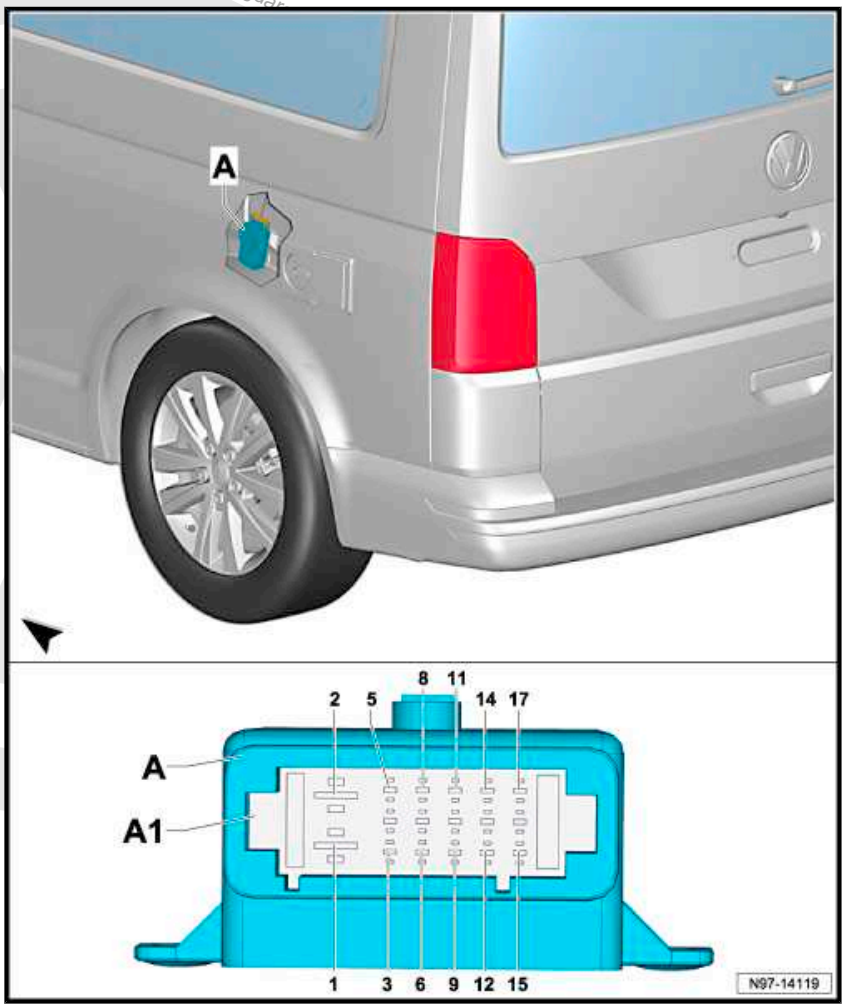

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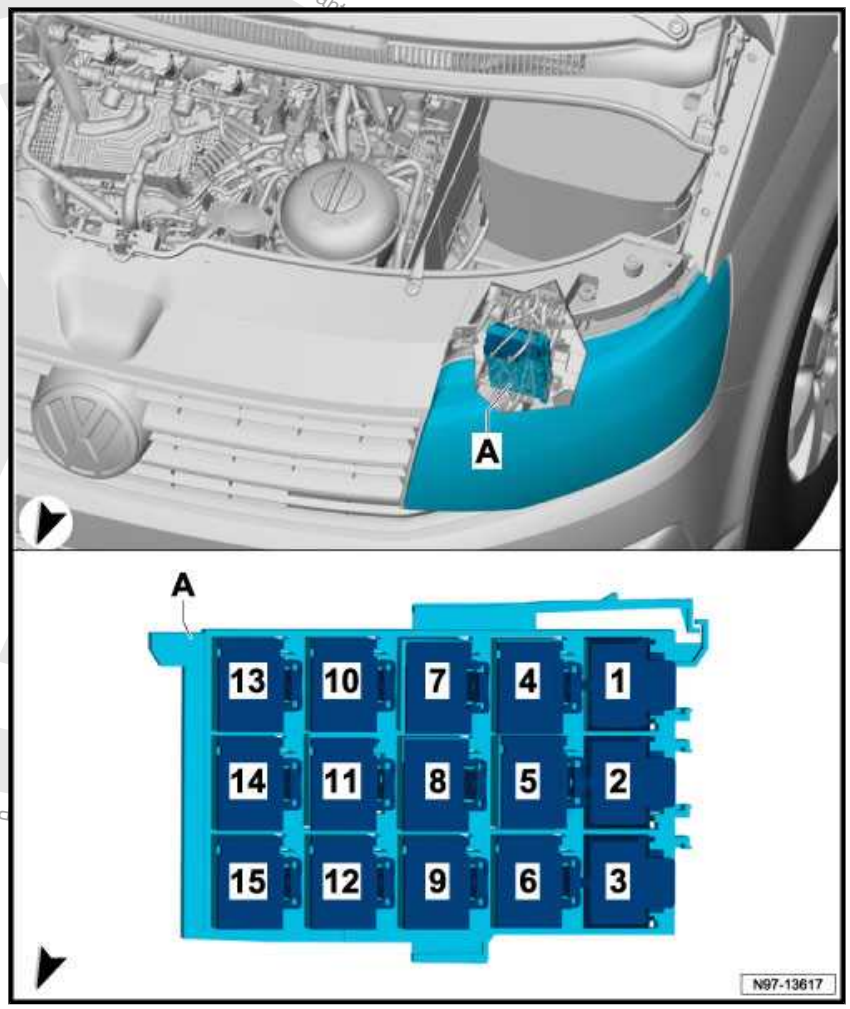
1 Coupling points

1.1 Coupling point in engine compartment

1 - 10-pin connector -T10g- (grey)
2 - 10-pin connector -T10a- (brown)
3 - 10-pin connector -T10b- (red)
4 - 10-pin connector -T10m- (light pink)
5 - 10-pin connector -T10e- (white)
6 - 10-pin connector -T10l- (light green)
7 - not assigned
8 - 17-pin connector -T17g- (black)
9 - 10-pin connector -T10c- (yellow)
10 - 10-pin connector -T10d- (blue)
11 - 10-pin connector -T10h- (orange)
12 - 10-pin connector -T10f- (green)
13 - 10-pin connector -T10- (black)
14 - 10-pin connector -T10k- (purple)
15 - 10-pin connector -T10j- (dark brown)



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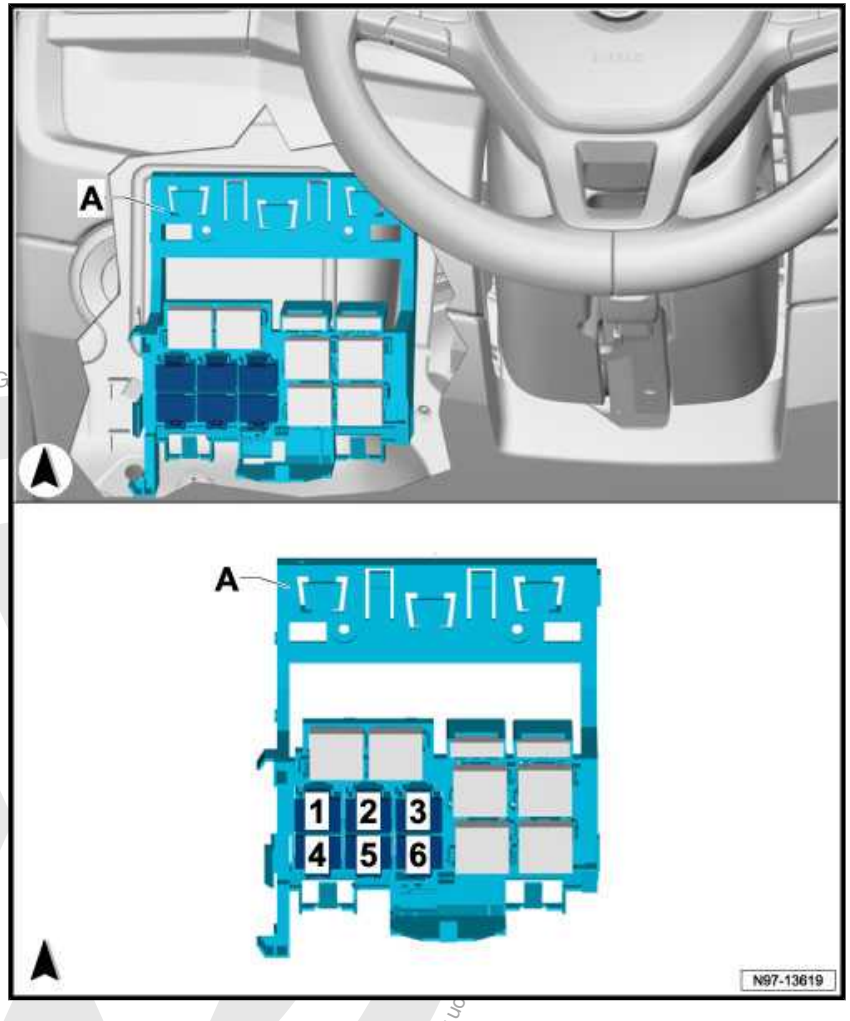
1.2 Coupling point on left A-pillar for left-hand drive vehicle (L0L)

1 - 10-pin connector -T10ag- (brown)
2 - 10-pin connector -T10ab- (white)
3 - 10-pin connector -T10af- (blue)
4 - 17-pin connector -T17k- (green)
5 - 10-pin connector -T10n- (red)
6 - 17-pin connector -T17m- (red)



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1.3 Coupling point on left A-pillar for right-hand drive vehicle (L0R)

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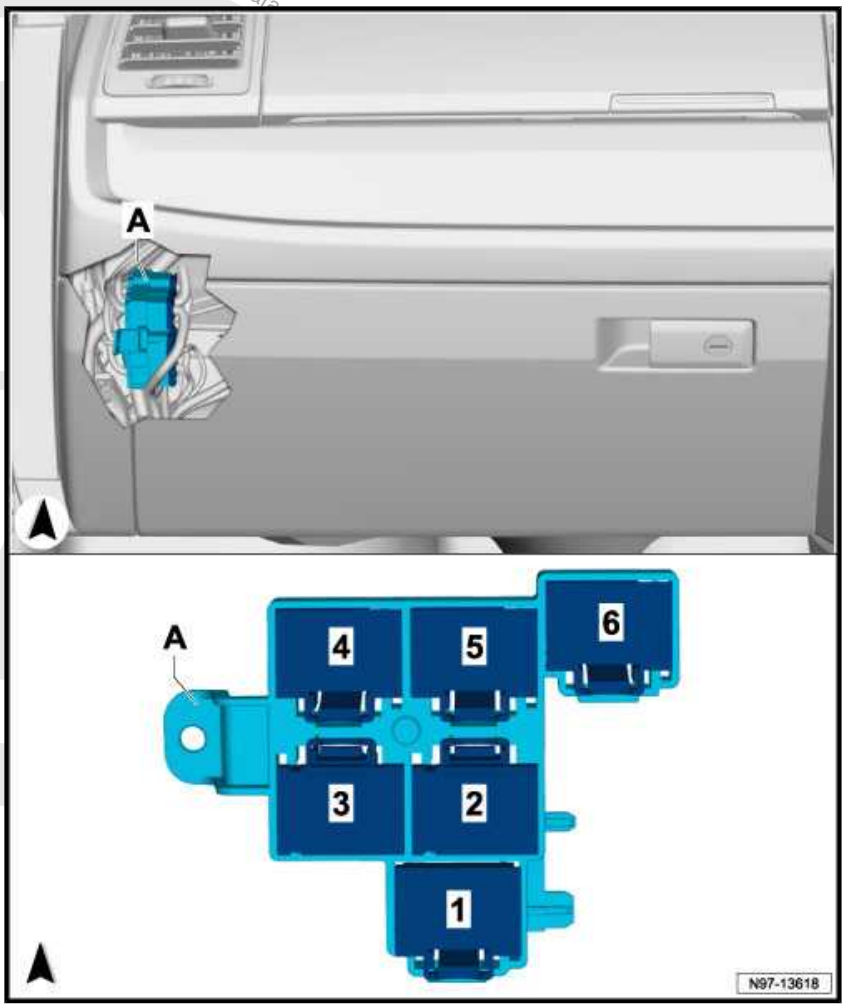
1 - 10-pin connector -T10ag- (brown)
2 - 10-pin connector -T10ab- (white)
3 - 10-pin connector -T10af- (blue)
4 - 17-pin connector -T17k- (green)
5 - 17-pin connector -T17m- (red)
6 - 10-pin connector -T10n- (red)



Note

Connector plugs of 10-pin connector -T10ad- (red), 17-pin connector -T17l- (black) and 17-pin connector -T17s- (red) are fitted in a zipper sleeve.

1.4 Coupling point door, on right A-pillar

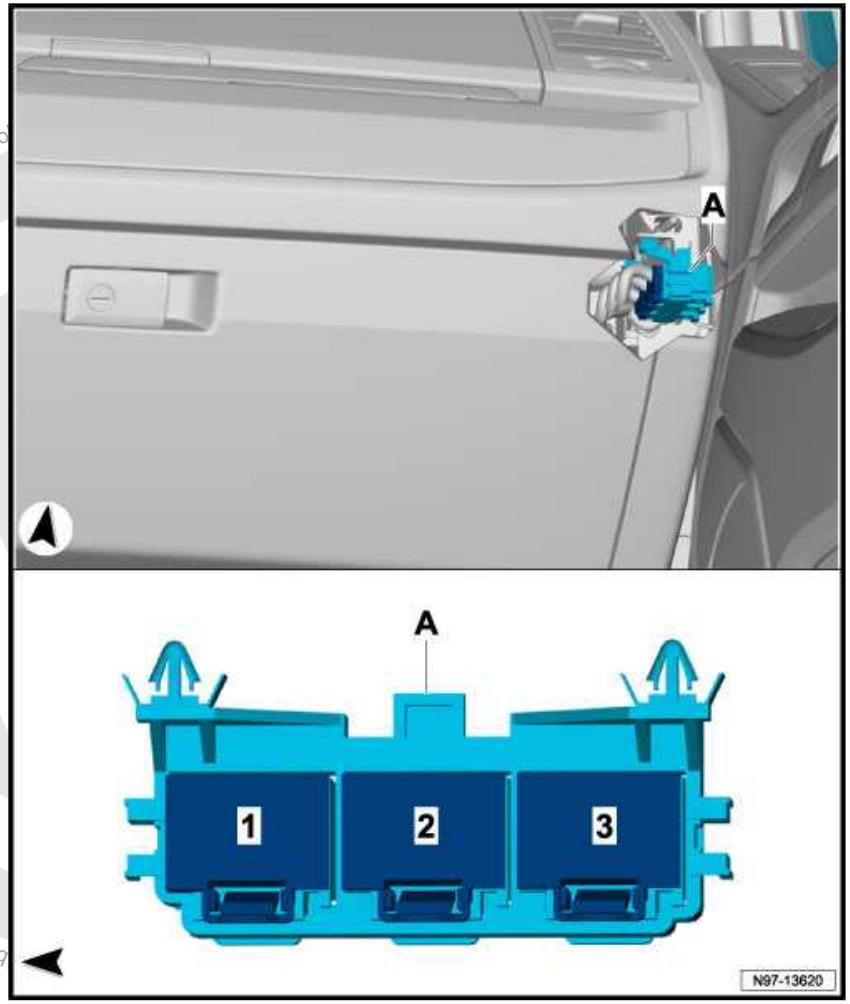
1 - 17-pin connector -T17r- (black)

2 - not assigned

3 - 10-pin connector -T10al- (red) or 17-pin connector -T17t- (red)

Note

The connectors can also be fitted in a zipper sleeve.



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1.5 Coupling point in right seat box

1 - 10-pin connector -T10cd- (dark brown)

2 - 6-pin connector -T6v- (white) or 10-pin connector -T10bx- (blue)

3 - 10-pin connector -T10ay- (red) 1) or 10-pin connector -T10by- (black) 1) or 6-pin connector -T6x- (purple) 2)

4 - 10-pin connector -T10ba- (blue)

5 - 10-pin connector -T10bk- (grey)

6 - 6-pin connector -T6cb- (black) or 10-pin connector -T10cf- (green)

7 - 6-pin connector -T6w- (light pink) or 10-pin connector -T10bz- (light green)

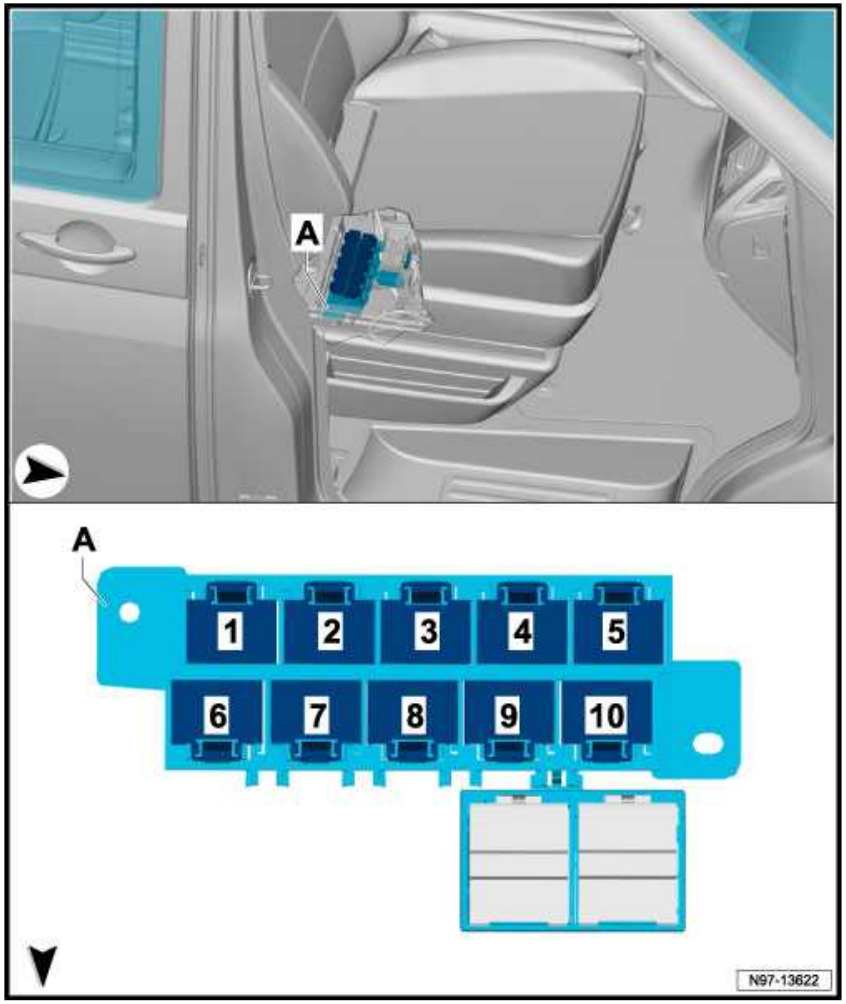
8 - 6-pin connector -T6x- (purple) 1) or 6-pin connector -T6cf- (white) 2) or 10-pin connector -T10ay- (red) 2)

9 - 6-pin connector -T6cj- (black)

10 - 10-pin connector -T10av- (brown)

Note

- *1) Only left-hand drive models (L0L)*
- *2) Only right-hand drive models (L0R)*



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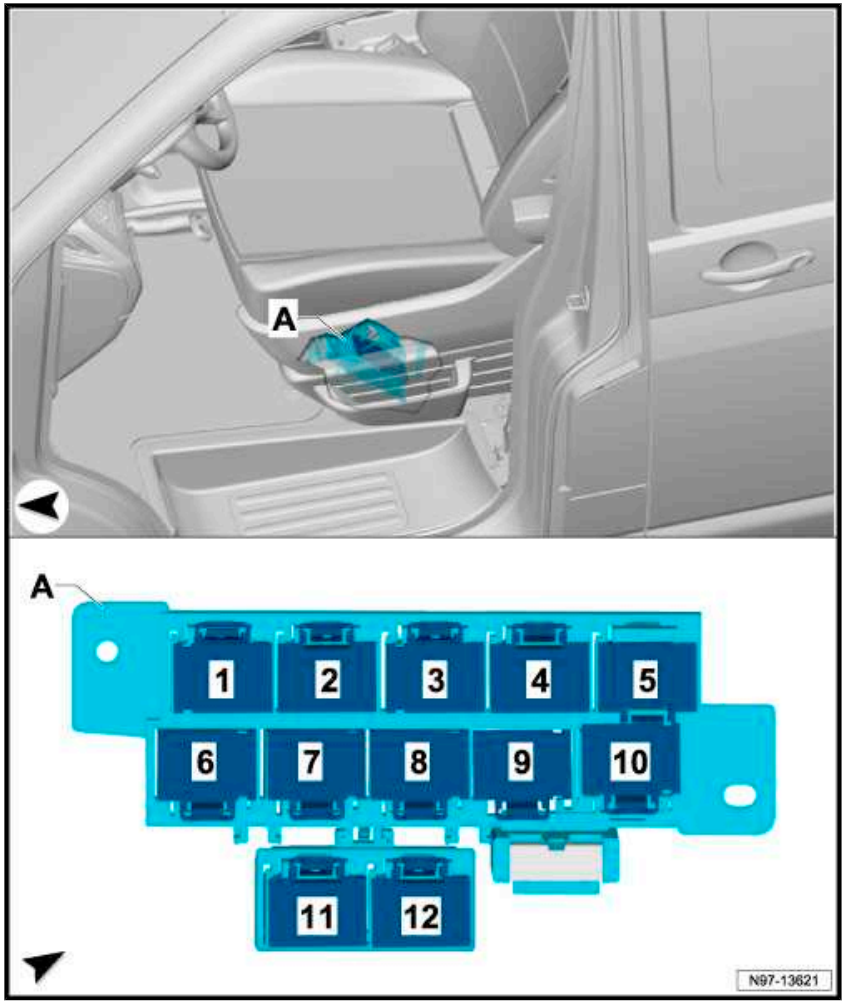
1.6 Coupling point in left seat box

1 - 10-pin connector -T10aa- (dark brown)
2 - 17-pin connector -T17f- (brown)
3 - 17-pin connector -T17p- (red)
4 - 6-pin connector -T6bn- (grey) or 6-pin connector -T6df- (grey)
5 - 17-pin connector -T17q- (black)
6 - 10-pin connector -T10u- (blue) or 10-pin connector -T10bu- (blue)
7 - 17-pin connector -T17n- (green)
8 - 10-pin connector -T10bj- (yellow)
9 - 6-pin connector -T6h- (purple) or 10-pin connector -T10ce- (orange)
10 - 10-pin connector -T10q- (green)
11 - 17-pin connector -T17j- (white)
12 - 6-pin connector -T6dg- (purple) or 10-pin connector -T10bh- (purple)



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1.7 Coupling point in left seat box, special equipment (IS4/IS5)

1 - 10-pin connector -T10bp- (green)

2 - 10-pin connector -T10bq- (orange)

3 - 10-pin connector -T10br- (blue)

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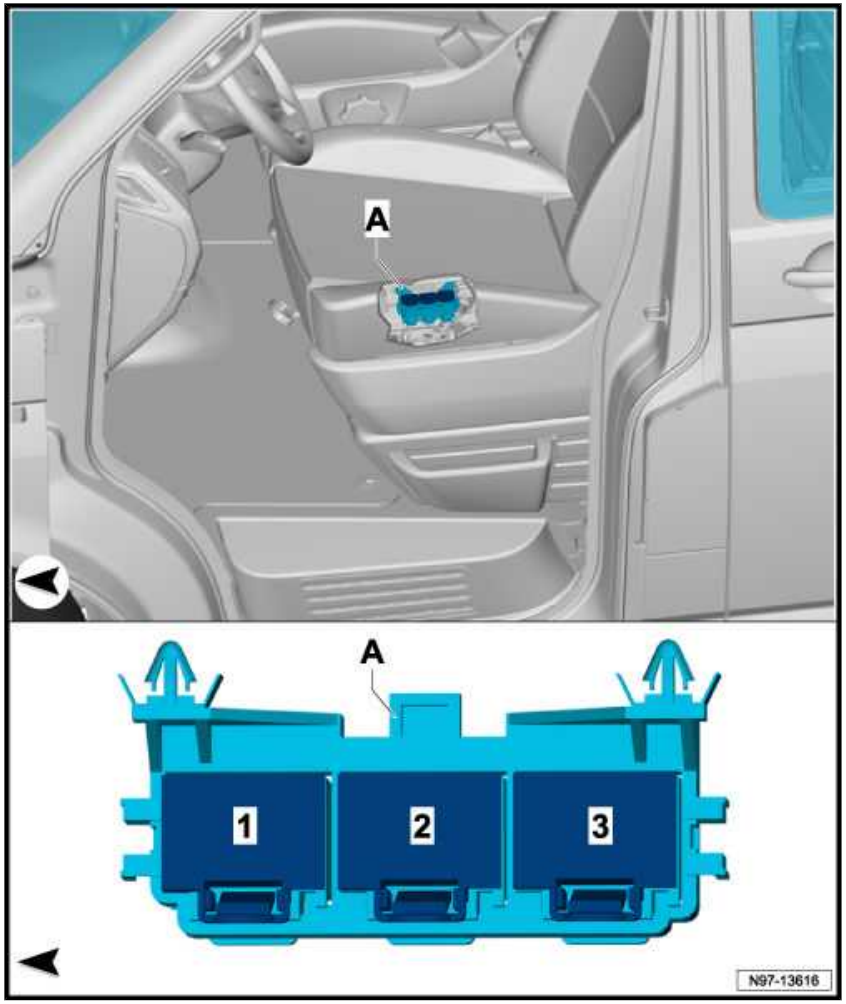


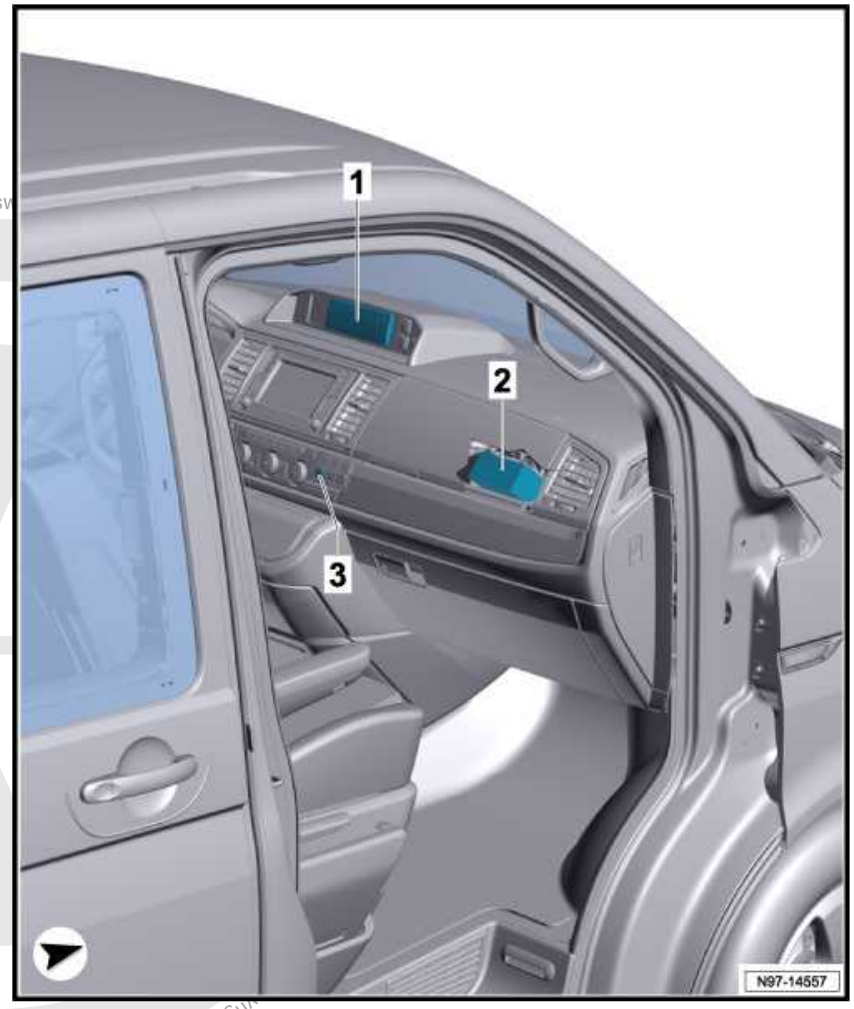
1 -Fitting locations: taxi

1.1 Reader unit for taxi charge system -D10- , Taximeter -G41- and two-way radio -R8-

1 - Two-way radio -R8-

2 - Reader unit for taxi charge system -D10-

3 - Taximeter -G41-



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1.2 Mirror taximeter -G511- , two-way radio loudspeaker -R25- and 2-way radio unit microphone -R122-

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1 - Mirror taximeter -G511-

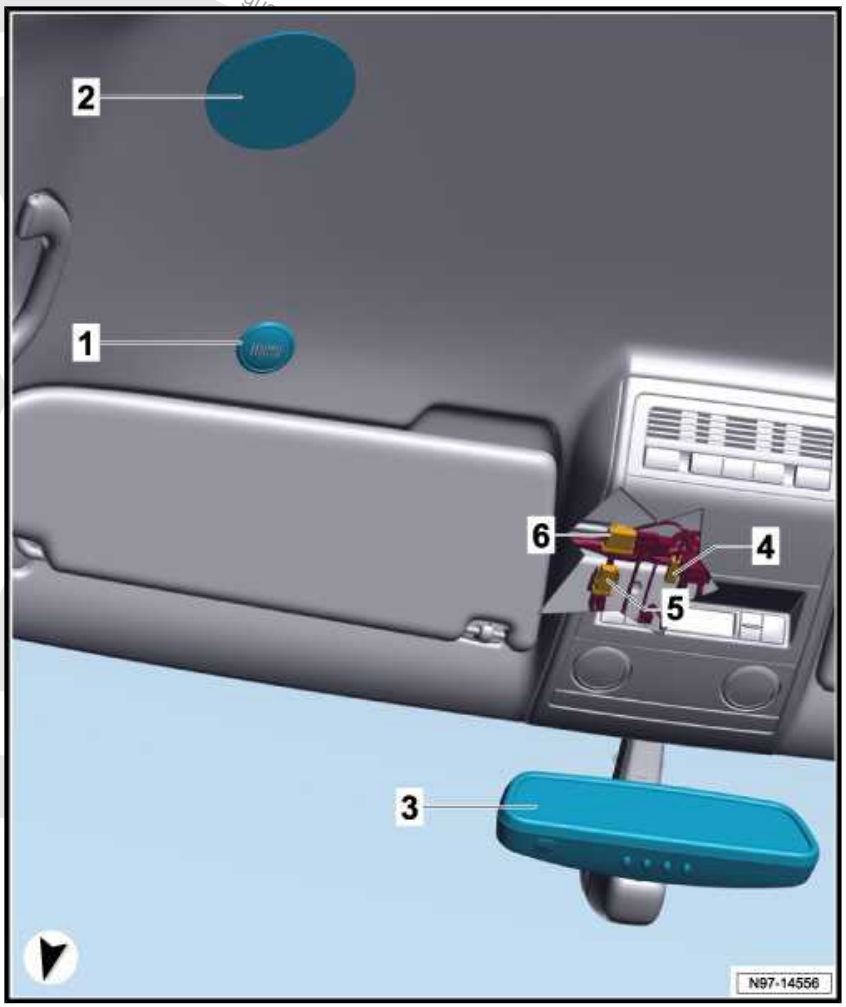
2 - 2-way radio unit microphone -R122-

3 - Two-way radio loudspeaker -R25-

4 - 2-pin connector -T2gd- , black

5 - 6-pin connector -T6at- , blue and 10-pin connector -T10p- , red

6 - 2-pin connector -T2ge- , black

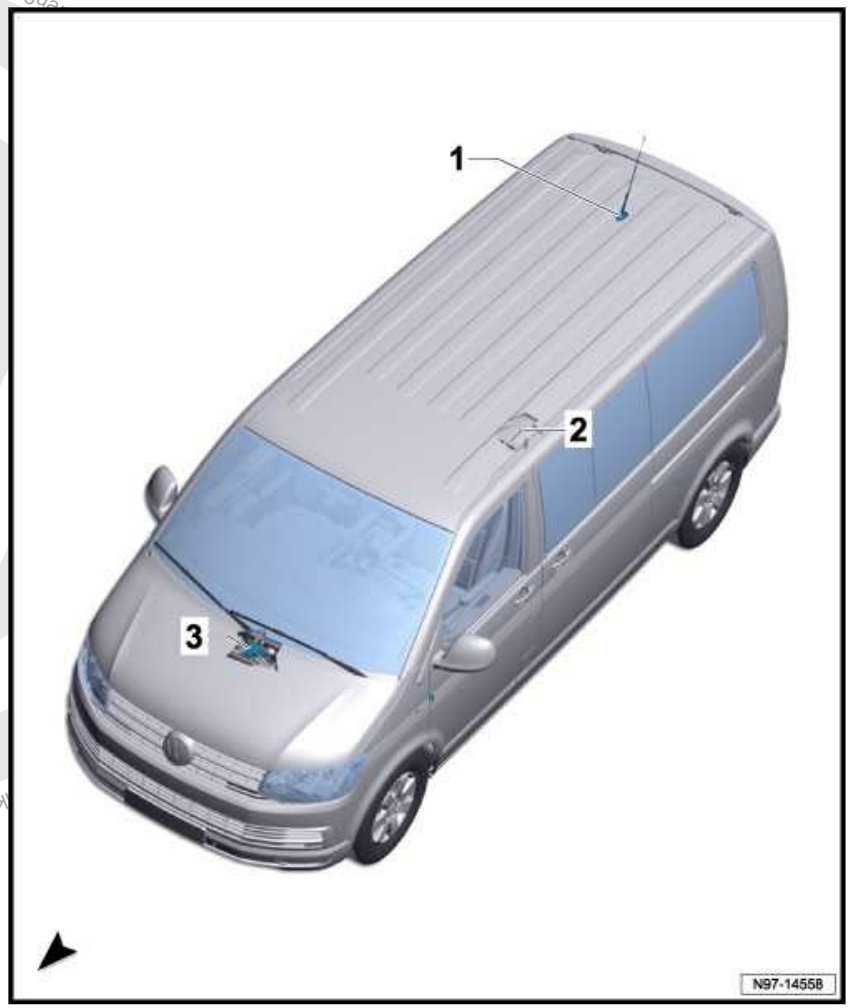


1.3 Treble horn -H2- , two-way radio aerial -R295- and 2-pin connector -T2ab- for taxi roof sign light bulb -L36- with taxi silent alarm bulb -L128-

1 - Two-way radio aerial -R295-

2 - 2-pin connector -T2ab- for Taxi roof sign light bulb -L36-

3 - Treble horn -H2-



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1.4 Special vehicle control unit -J608-

1.4.1 Fitting location:

in right seat box

1 - Special vehicle control unit -J608-

A - 16-pin connector -T16u- , brown

B - 20-pin connector -T20h- , red

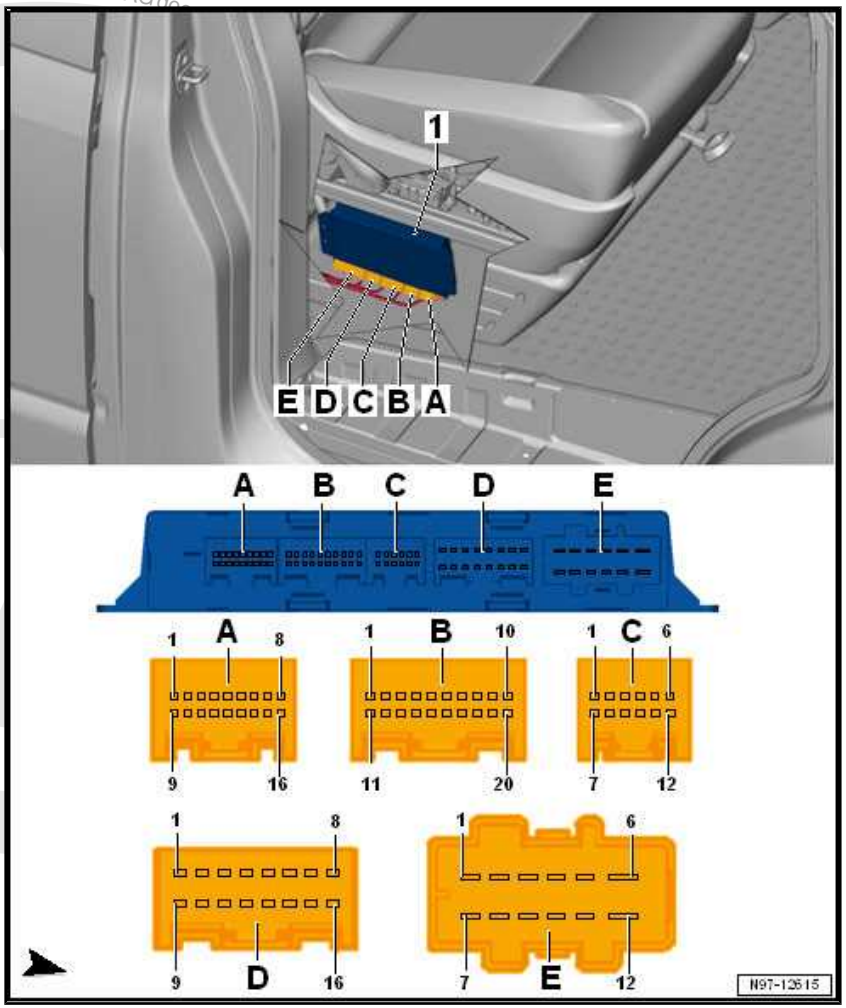
C - 12-pin connector -T12am- , not assigned

D - 16-pin connector -T16t- , black

E - 12-pin connector -T12al- , black

Note

The fitting location for single seats is depicted.



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1.5 Alarm horn relay -J641-

1.5.1 Relay carrier in the right seat box

A - Relay holder

1 - Alarm horn relay -J641- (643)

2 - not assigned

– back to overview

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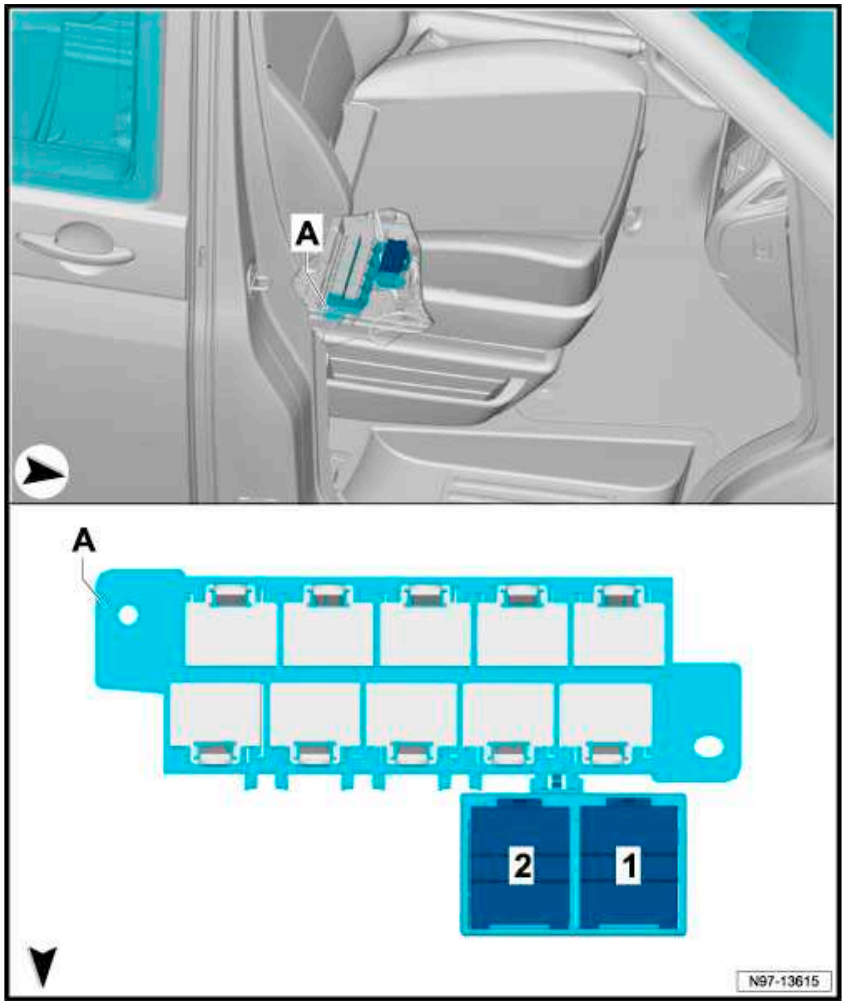


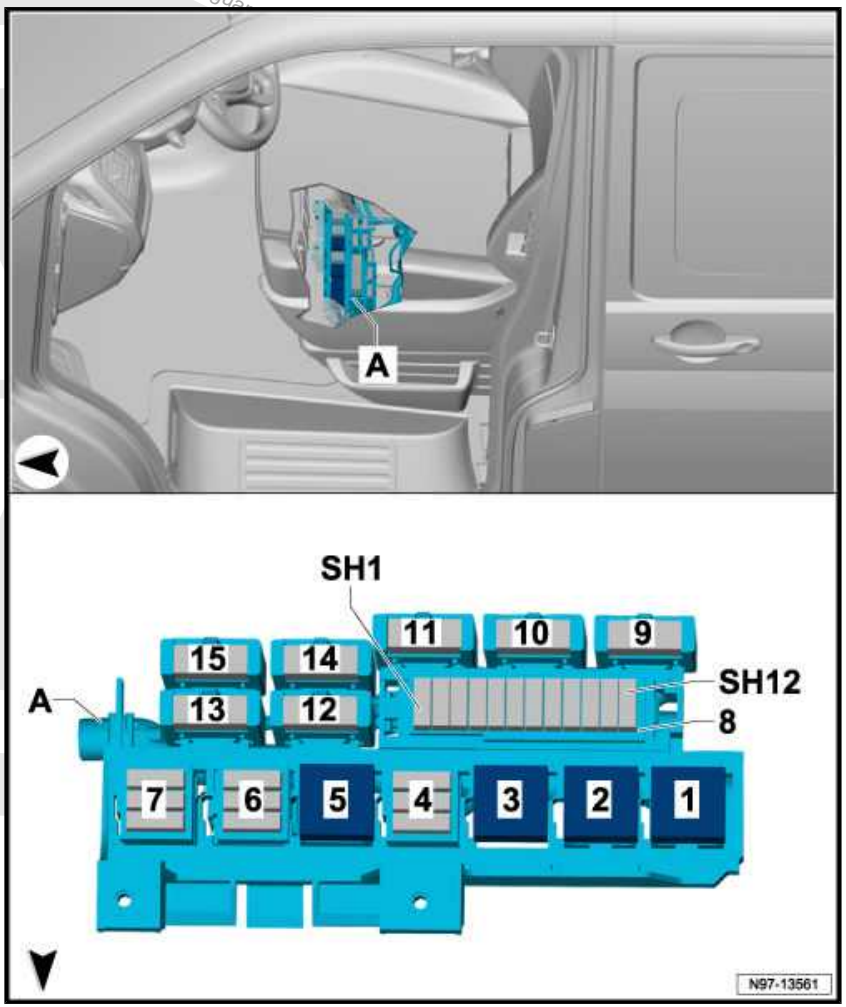
1.6 Alarm system relay 1 -J460- and Taxi alarm remote control, control unit -J601-

1.6.1 Relay carrier on left in seat box

A - Fuse and relay holder

3 - Alarm system relay 1 -J460- (114)

7 - Taxi alarm remote control, control unit -J601-



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Note

- *The fuses are depicted in the document Fitting locations: fuses.*
- *The other relays are depicted in the document Fitting locations: relays.*

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